UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D. C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2016

or

• TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from ______ to _____

Commission File Number: 0-23837

Surmodics, Inc.

(Exact name of registrant as specified in its charter)

MINNESOTA (State of incorporation) 41-1356149 (I.R.S. Employer Identification No.)

9924 West 74th Street Eden Prairie, Minnesota 55344

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (952) 500-7000

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes \boxtimes No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes 🗵 No o

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

| Large accelerated filer | 0 | | Accelerated filer | \times |
|-----------------------------------|-------|--|---------------------------|----------|
| Non-accelerated filer | 0 | (Do not check if a smaller reporting company) | Smaller reporting company | 0 |
| Indicate by check mark whether th | e reg | istrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). | Yes o No 🗵 | |

The number of shares of the registrant's Common Stock, \$.05 par value per share, outstanding as of July 22, 2016 was 13,045,714.

TABLE OF CONTENTS

PART I. FINANCIAL INFORMATION Item 1.

| Item 1. | Financial Statements | 3 |
|-------------------|---|----|
| Item 2. | Management's Discussion and Analysis of Financial Condition and Results of Operations | 23 |
| Item 3. | Quantitative and Qualitative Disclosures About Market Risk | 33 |
| Item 4. | Controls and Procedures | 33 |
| | | |
| PART II. OTH | HER INFORMATION | |
| Item 1. | Legal Proceedings | 35 |
| Item 1A. | Risk Factors | 35 |
| Item 2. | Unregistered Sales of Equity Securities and Use of Proceeds | 35 |
| Item 3. | Defaults Upon Senior Securities | 36 |
| Item 4. | Mine Safety Disclosures | 36 |
| Item 5. | Other Information | 36 |
| Item 6. | Exhibits | 36 |
| | | |
| SIGNATURES | | |

EX-3.1 EX-10.1 EX-10.2 EX-10.3 EX-12 EX-31.1 EX-31.2 EX-32.1 EX-32.2 **EX-101 INSTANCE DOCUMENT EX-101 SCHEMA DOCUMENT** EX-101 CALCULATION LINKBASE DOCUMENT EX-101 DEFINITION LINKBASE DOCUMENT EX-101 LABEL LINKBASE DOCUMENT EX-101 PRESENTATION LINKBASE DOCUMENT

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

Surmodics, Inc. and Subsidiaries

Condensed Consolidated Balance Sheets

| | | June 30, 2016 | September 30, 2015 | | |
|--|----|------------------|-----------------------|--------|--|
| (in thousands, except share and per share data) | | | udited) | | |
| ASSETS | | | | | |
| Current Assets: | | | | | |
| Cash and cash equivalents | \$ | 34,656 | \$ | 55,588 | |
| Available-for-sale securities | | 9,523 | | | |
| Accounts receivable, net of allowance for doubtful accounts of \$19 and \$10 as of | | | | | |
| June 30, 2016 and September 30, 2015, respectively | | 5,859 | | 7,478 | |
| Inventories | | 3,345 | | 2,979 | |
| Deferred tax assets | | — | | 546 | |
| Prepaids and other | | 686 | | 1,198 | |
| Total Current Assets | | 54,069 | | 67,789 | |
| Property and equipment, net | | 17,183 | | 12,968 | |
| Deferred tax assets | | 5,555 | | 6,704 | |
| Intangible assets, net | | 22,889 | | 2,760 | |
| Goodwill | | 26,544 | | 8,010 | |
| Other assets, net | | 674 | | 479 | |
| Total Assets | \$ | 126,914 | \$ | 98,710 | |
| I LADII ITIES AND STOCKHOLDEDS? EQUITY | | | | | |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | | | | |
| Current Liabilities: | ¢ | 1 5 4 7 | ¢ | 701 | |
| Accounts payable | \$ | 1,547 | \$ | 781 | |
| Accrued liabilities: | | 2 0 2 0 | | 0.772 | |
| Compensation | | 3,020 | | 2,772 | |
| Due to customers | | 1,741 | | 63 | |
| Accrued other | | 1,493 | | 731 | |
| Business combination consideration payable | | | | 305 | |
| Deferred revenue | | 268 | | 48 | |
| Total Current Liabilities | | 8,069 | | 4,700 | |
| Contingent consideration | | 13,950 | | | |
| Deferred revenue, less current portion | | 192 | | 217 | |
| Other long-term liabilities | | 1,897 | | 1,920 | |
| Total Liabilities | | 24,108 | | 6,837 | |
| Commitments and Contingencies (Note 16) | | | | | |
| Stockholders' Equity: | | | | | |
| Series A Preferred stock- \$.05 par value, 450,000 shares authorized; no shares issued and outstanding | | _ | | _ | |
| Common stock- \$.05 par value, 45,000,000 shares authorized; 13,040,978 and 12,945,157 shares issued and outstanding, respectively | | 652 | | 647 | |
| Additional paid-in capital | | 5,764 | | 3,060 | |
| Accumulated other comprehensive income | | 888 | | 5,000 | |
| Retained earnings | | 95,502 | | 88,161 | |
| Total Stockholders' Equity | | 102,806 | _ | 91,873 | |
| | ¢ | | ¢ | | |
| Total Liabilities and Stockholders' Equity | \$ | 126,914 | \$ | 98,710 | |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.



Surmodics, Inc. and Subsidiaries

Condensed Consolidated Statements of Income

| | Three Months Ended June 30, | | | | Nine Mon June | | 30, | |
|--|--------------------------------|--------|---------|----|------------------|--------|---------|--|
| | 2016 | | 2015 | | 2016 | | 2015 | |
| (In thousands, except per share data) Revenue: | (Unau | dited) | | | (Unaud | lited) | | |
| Royalties and license fees | \$ 10,556 | \$ | 7,908 | \$ | 25,207 | \$ | 22,566 | |
| Product sales | 7,512 | | 6,583 | | 22,866 | | 18,082 | |
| Research, development and other | 1,904 | | 1,423 | | 5,139 | | 3,887 | |
| Total revenue | 19,972 | | 15,914 | | 53,212 | | 44,535 | |
| Operating costs and expenses: | | | | | _ | | | |
| Product costs | 2,777 | | 2,174 | | 8,069 | | 6,031 | |
| Research and development | 4,693 | | 3,860 | | 13,195 | | 11,839 | |
| Selling, general and administrative | 4,483 | | 3,872 | | 12,984 | | 11,387 | |
| Acquisition transaction, integration and other costs | 61 | | — | | 3,192 | | — | |
| Acquisition related intangible asset amortization | 806 | | 151 | | 1,940 | | 454 | |
| Contingent consideration accretion expense | 555 | | — | | 1,056 | | — | |
| Total operating costs and expenses | 13,375 | | 10,057 | | 40,436 | | 29,711 | |
| Operating income | 6,597 | | 5,857 | | 12,776 | | 14,824 | |
| Other income (loss): | | | | _ | | | | |
| Investment income, net | 19 | | 36 | | 37 | | 149 | |
| Gain on strategic investments | 16 | | | | 377 | | | |
| Foreign exchange gain (loss) | 234 | | | | (336) | | _ | |
| Other (loss) income, net | (6) | | (40) | | (6) | | 496 | |
| Other income (loss), net | 263 | | (4) | | 72 | | 645 | |
| Income before income taxes | 6,860 | | 5,853 | | 12,848 | _ | 15,469 | |
| Income tax provision | (2,857) | | (1,929) | | (5,507) | | (4,879) | |
| Net income | \$ 4,003 | \$ | 3,924 | \$ | 7,341 | \$ | 10,590 | |
| Basic net income per share | \$ 0.31 | \$ | 0.30 | \$ | 0.57 | \$ | 0.81 | |
| Diluted net income per share | \$ 0.30 | \$ | 0.30 | \$ | 0.56 | \$ | 0.79 | |
| Weighted average number of shares outstanding: | | | | | | | | |
| Basic | 12,995 | | 13,002 | | 12,969 | | 13,057 | |
| Diluted | 13,284 | | 13,279 | | 13,203 | | 13,324 | |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Surmodics, Inc. and Subsidiaries

Condensed Consolidated Statements of Comprehensive Income

| | Three Months Ended June 30, | | | | Nine Months Ended June 30, | | | |
|--|--------------------------------|---------|-------|----|-------------------------------|---------|---------|--|
| | 2016 | | 2015 | | 2016 | | 2015 | |
| (In thousands) | (Unai | ıdited) | | | (Unai | ıdited) | | |
| Net income | \$ 4,003 | \$ | 3,924 | \$ | 7,341 | \$ | 10,590 | |
| Other comprehensive income (loss), net of tax: | | | | | | | | |
| Unrealized holding losses on available-for-sale securities | | | | | | | | |
| arising during the period | (34) | | (59) | | (36) | | (1,216) | |
| Reclassification adjustment for realized gains included in net | | | | | | | | |
| income | | | 26 | | | | (315) | |
| Foreign currency translation adjustments | (809) | | _ | | 919 | | | |
| Other comprehensive (loss) income | (843) | | (33) | | 883 | | (1,531) | |
| Comprehensive income | \$ 3,160 | \$ | 3,891 | \$ | 8,224 | \$ | 9,059 | |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Surmodics, Inc. and Subsidiaries

Condensed Consolidated Statements of Cash Flows

| | Nine Months Ended June 30, | | | | | | |
|--|-------------------------------|----------|---------|---------------------------------------|--|--|--|
| | | 2016 | , | 2015 | | | |
| (in thousands) | | (Unat | ıdited) | | | | |
| Operating Activities: | | | | | | | |
| Net income | \$ | 7,341 | \$ | 10,590 | | | |
| Adjustments to reconcile net income to net cash provided by operating activities from continuing | | | | | | | |
| operations: | | 2 702 | | 2.002 | | | |
| Depreciation and amortization | | 3,703 | | 2,083 | | | |
| Stock-based compensation | | 2,729 | | 1,841 | | | |
| Contingent consideration expense and unrealized foreign exchange loss Deferred taxes | | 1,369 | | 450 | | | |
| | | (114) | | 450 | | | |
| Gain on sales of available-for-sale securities and strategic investments Excess tax benefit from stock-based compensation plans | | (377) | | (496) | | | |
| Other | | (67) | | (436) | | | |
| | | (15) | | (42) | | | |
| Change in operating assets and liabilities, net of acquisitions: Accounts receivable | | 1,999 | | (1,244) | | | |
| Inventories | | (112) | | (1,244) | | | |
| Prepaids and other | | 45 | | 66 | | | |
| Accounts payable and accrued liabilities | | 746 | | 132 | | | |
| Income taxes | | 1,253 | | (221) | | | |
| | | | | · · · · · · · · · · · · · · · · · · · | | | |
| Net cash provided by operating activities from continuing operations | | 18,500 | | 12,076 | | | |
| Investing Activities: | | (4.000) | | (200) | | | |
| Purchases of property and equipment | | (4,869) | | (396) | | | |
| Cash proceeds from sales of property and equipment | | 15 | | 42 | | | |
| Payments for acquisitions, net of cash acquired | | (25,054) | | | | | |
| Purchases of available-for-sale securities | | (9,562) | | (3,377) | | | |
| Sales and maturities of available-for-sale securities | | | | 22,199 | | | |
| Cash received from sale of strategic investments | | 377 | | 21 | | | |
| Cash transferred to discontinued operations | | | | (45) | | | |
| Net cash (used in) provided by investing activities from continuing operations | | (39,093) | | 18,444 | | | |
| Financing Activities: | | 67 | | 126 | | | |
| Excess tax benefit from stock-based compensation plans | | 67 | | 436 | | | |
| Issuance of common stock | | 284 | | 451 | | | |
| Repurchase of common stock | | (254) | | (20,000) | | | |
| Purchase of common stock to pay employee taxes | | (371) | | (810) | | | |
| Payment of contingent consideration | | (305) | | | | | |
| Net cash used in financing activities from continuing operations | . <u></u> | (325) | | (19,923) | | | |
| Net cash (used in) provided by continuing operations | | (20,918) | | 10,597 | | | |
| Discontinued Operations: | | | | | | | |
| Net cash used in operating activities | | _ | | (45) | | | |
| Net cash provided by financing activities | | | | 45 | | | |
| Net cash provided by discontinued operations | | | | | | | |
| Effect of exchange rate changes on cash | | (14) | | — | | | |
| Net change in cash and cash equivalents | | (20,932) | | 10,597 | | | |
| Cash and Cash Equivalents: | | | | | | | |
| Beginning of period | | 55,588 | | 43,511 | | | |
| End of period | \$ | 34,656 | \$ | 54,108 | | | |
| Supplemental Information: | | | | | | | |
| Cash paid for income taxes | \$ | 4,313 | \$ | 4,651 | | | |
| Noncash transactions from investing and financing activities: | | | | | | | |
| Acquisition of property and equipment on account | \$ | 133 | \$ | 113 | | | |
| Contingent consideration and debt assumed in acquisitions | \$ | 13,597 | \$ | | | | |
| | | 1,390 | | | | | |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

Surmodics, Inc. and Subsidiaries Notes to Condensed Consolidated Financial Statements Period Ended June 30, 2016 (Unaudited)

1. Basis of Presentation

The accompanying unaudited interim condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America ("U.S.") ("GAAP") and, in the opinion of management, reflect all adjustments, consisting of normal recurring adjustments, needed to fairly present the financial results of Surmodics, Inc. and subsidiaries ("Surmodics" or the "Company") for the periods presented. The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amounts of the assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates. The results of operations for the three and nine months ended June 30, 2016 are not necessarily indicative of the results that may be expected for the entire 2016 fiscal year.

In accordance with the rules and regulations of the U.S. Securities and Exchange Commission ("SEC"), the Company has omitted footnote disclosures that would substantially duplicate the disclosures contained in the audited consolidated financial statements of the Company. These unaudited condensed consolidated financial statements should be read together with the audited consolidated financial statements for the fiscal year ended September 30, 2015, and footnotes thereto included in the Company's Form 10-K as filed with the SEC on December 4, 2015, and as amended on May 10, 2016.

On July 11, 2016, we amended our articles of incorporation to change our name from SurModics, Inc., to Surmodics, Inc., which change became effective immediately. The name change was effected by our board of directors.

During the nine months ended June 30, 2016 the Company recorded an out-of-period adjustment of \$1.1 million in the second quarter of fiscal 2016 to correct an estimated cumulative overstatement of royalty revenue with a customer, of which \$1.0 million related to years prior to fiscal 2016. The overstatement was evaluated and concluded to not be material to fiscal 2016, the nine- months ended June 30, 2016, or any prior periods. During the quarter ended June 30, 2016, the Company entered into a settlement agreement with this customer and agreed to pay the customer a total of \$1.4 million to settle this matter. The additional obligation amount settled was considered to be a change in estimate and was recorded as a reduction of royalty revenue during the quarter ended June 30, 2016. The total settlement amount of \$1.4 million was included in the Due to Customer liability on the consolidated balance sheet at June 30, 2016 and was paid in July 2016.

On April 29, 2016, a customer reported \$2.9 million, of royalties was owed to the Company for the period from fiscal 2009 through fiscal 2016. Payment of this amount was received and royalty revenue was recognized in the third quarter of fiscal 2016, when collectability was reasonably assured and completion of the earnings process occurred, consistent with the Company's revenue recognition policy.

2. New Accounting Pronouncements

Accounting Standards to be Adopted

In May 2014, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Codification ("ASC") Update No. 2014-09, *Revenue from Contracts with Customers (ASC Topic 606)*. Principles of this guidance require entities to recognize revenue in a manner that depicts the transfer of goods or services to customers in amounts that reflect the consideration an entity expects to be entitled to in exchange for those goods or services. The guidance also requires expanded disclosures relating to the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. Additionally, qualitative and quantitative disclosures are required about customer contracts, significant judgments and changes in judgments, and assets recognized from the costs to obtain or fulfill a contract. This accounting standard will be effective for the Company beginning in the first quarter of fiscal year 2019 (October 1, 2018) using one of two prescribed retrospective methods. The Company is currently evaluating the impact that the adoption of this standard will have on the Company's results of operations, cash flows and financial position.

In February 2016, the FASB issued Accounting Standards Update ("ASU") 2016-02, *Leases (ASC Topic 842)*. The new guidance primarily affects lessee accounting, while accounting by lessors will not be significantly impacted by the update. The update maintains two classifications of leases: finance leases, which replace capital leases, and operating leases. Lessees will need to recognize a right-of-use asset and a lease liability on the statement of financial position for those leases previously classified as operating leases under the old guidance. The liability will be equal to the present value of lease payments. The asset will be based on the liability, subject to adjustment, such as for direct costs. The accounting standard will be effective for the Company beginning the

first quarter of fiscal year 2020 (October 1, 2019) using a modified retrospective approach. The Company is currently evaluating the impact that the adoption of this standard will have on the Company's results of operations, cash flows and financial position.

In March 2016, the FASB issued ASU No 2016-09, *Compensation – Stock Compensation (ASC Topic 718): Improvements to Employee Share-Based Payment Accounting.* The accounting standard intends to simplify several areas of accounting for share-based compensation arrangements, including the income tax impact, classification of awards as either equity or liabilities, and classification on the statement of cash flows. The accounting standard will be effective for the Company beginning in the first quarter of fiscal 2018 (October 1, 2017), and early adoption is permitted. We currently are evaluating the impact that the adoption of this standard will have on the Company's results of operations, cash flows and financial position.

In June 2016, the FASB issued ASU No 2016-13, *Financial Instruments – Credit Losses (ASU Topic 326), Measurement of Credit Losses on Financial Statements.* This ASU requires a financial asset (or a group of financial assets) measured at an amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. The accounting standard will be effective for the Company beginning in the first quarter of fiscal 2020 (October 1, 2019), and early adoption is permitted. We currently are evaluating the impact that the adoption of this standard will have on the Company's results of operations, cash flows and financial position.

Accounting Standards Adopted

In September 2015, the FASB issued ASU 2015-16, *Business Combinations (ASC Topic 805): Simplifying the Accounting for Measurement-Period Adjustments.* The update requires that an acquirer recognize adjustments to provisional amounts that are identified during the measurement period in the reporting period in which the adjustment amounts are determined, including the cumulative effect of the change in provisional amounts as if the accounting had been completed at the acquisition date. The adjustments related to previous reporting periods since the acquisition date must be disclosed by income statement line item either on the face of the income statement or in the notes. The accounting standard is effective for fiscal years beginning after December 15, 2015, including interim periods within those fiscal years, with early adoption permitted. The Company adopted this accounting standard in the first quarter of fiscal 2016 without any material impact on the Company's financial position or financial results.

In November 2015, the FASB issued ASU 2015-17, *Balance Sheet Classification of Deferred Taxes*, which eliminates the current requirement to present deferred tax liabilities and assets as current and noncurrent in a classified balance sheet. Instead, entities will be required to classify all deferred tax assets and liabilities as noncurrent. This accounting standard is effective for the Company beginning in its first quarter of fiscal year 2018 and early implementation is permitted using either the prospectively or retroactive adoption method. The Company prospectively adopted this accounting standard in the first quarter of fiscal 2016.

No other new accounting pronouncement issued or effective has had, or is expected to have, a material impact on the Company's consolidated financial statements.

3. Business Combinations

For all business combinations, the Company records all assets and liabilities of the acquired business, including goodwill and other identified intangible assets, generally at their fair values starting in the period when the acquisition is completed. Contingent consideration, if any, is recognized at its fair value on the acquisition date and changes in fair value are recognized in earnings until settlement. Acquisition-related transaction costs are expensed as incurred.

Creagh Medical Ltd.

On November 20, 2015, the Company acquired 100% of the outstanding common shares and voting shares of Creagh Medical Ltd. ("Creagh Medical") located in Ballinasloe, Ireland. The results of Creagh Medical's operations have been included in the Company's condensed consolidated financial statements as of the Creagh Medical acquisition date. The acquisition was financed with cash on hand. The Company acquired Creagh Medical for up to ≤ 30 million (approximately \$32 million as of the acquisition date), including an upfront payment of ≤ 18 million (approximately \$19.3 million as of the acquisition date), and up to ≤ 12 million (approximately \$12.8 million as of the acquisition date) based on achievement of revenue and value-creating operational milestones through September 30, 2018. The payment of the milestones if met will occur in the quarter ending December 31, 2018. As of June 30, 2016, the Company had paid \$18.4 million in cash for this acquisition, in addition to \$0.8 million to an escrow account to fund the repurchase of certain Creagh Medical debt classified securities during fiscal 2016. As these securities were not initially legally defeased by the establishment of the escrow fund, the Company recorded a corresponding restricted cash and business combination consideration payable in prior periods. These securities were repaid in the third quarter of fiscal 2016. The Company also assumed

\$0.8 million of debt that was repaid in the second quarter of fiscal 2016. Total transaction, integration and other costs associated with the Creagh Medical acquisition aggregated less than \$0.1 million and \$2.7 million for the three and nine months ended June 30, 2016, respectively. Creagh Medical is included in the Company's Medical Device reporting segment.

Creagh Medical designs and manufactures high-quality percutaneous transluminal angioplasty ("PTA") balloon catheters. Since 2006, Creagh Medical has grown its technical and product capability with PTA products approved throughout the world, including Europe, the United States, and Japan. With these resources, the Company is uniquely positioned to offer a total solutions approach from product design and development, through in-house extrusion, balloon forming, top-assembly, packaging and regulatory capabilities to approved products for exclusive distribution. The acquisition is a major step forward in the Company's strategy to transform its Medical Device segment from being a provider of coatings technologies to offering whole-product solutions to medical device customers in the large and growing global interventional vascular market.

The purchase price of Creagh Medical consisted of the following:

| (Dollars in thousands) | |
|--|--------------|
| Cash paid | \$ 18,417 |
| Debt assumed | 793 |
| Contingent consideration | 9,064 |
| Total purchase price | 28,274 |
| Less cash and cash equivalents acquired | (251) |
| Total purchase price, net of cash acquired | \$ 28,023 |

The following table summarizes the preliminary allocation of the purchase price to the fair values assigned to the assets acquired and the liabilities assumed at the date of the Creagh Medical acquisition:

| | Fair V (Dollars in t | | Estimated Useful Life (In years) |
|--|-------------------------|--------|-------------------------------------|
| Current assets | \$ | 708 | N/A |
| Property and equipment | | 634 | 1.0-10.0 |
| Trade name | | 75 | N/A |
| Developed technology | | 1,787 | 7.0 |
| In-process research and development | | 942 | N/A |
| Customer relationships | | 11,119 | 7.0-10.0 |
| Other noncurrent assets | | 81 | N/A |
| Current liabilities | | (923) | N/A |
| Deferred tax liabilities | | (9) | N/A |
| Net assets acquired | | 14,414 | |
| Goodwill | | 13,609 | N/A |
| Total purchase price, net of cash acquired | \$ | 28,023 | |

The Creagh Medical goodwill is a result of acquiring and retaining the Creagh Medical existing workforce and expected synergies from integrating their business into Surmodics. The goodwill will not be deductible for tax purposes. Purchase accounting is considered preliminary, subject to revision, mainly with respect to working capital, income taxes and goodwill, as final information was not available as of June 30, 2016.

As a result of the Creagh Medical acquisition, the Company has adopted a foreign currency translation policy. Assets and liabilities of non-U.S. dollar functional currency subsidiaries are translated into U.S. dollars at the period-end exchange rates, and revenues and expenses are translated at the average exchange rate for the period. The net effect of these translation adjustments in the condensed consolidated financial statements are recorded as a foreign currency translation adjustment, as a component of accumulated other comprehensive income. Foreign currency transaction gains and losses are included in other, income (loss) net in our Condensed Consolidated Statements of Income.

NorMedix, Inc.

On January 8, 2016, the Company acquired 100% of the shares of NorMedix, Inc. ("NorMedix"), a privately owned design and development company focused on ultra thin-walled, minimally invasive catheter technologies based in Plymouth, Minnesota. The acquisition was financed with cash on hand. The Company acquired NorMedix for \$14.0 million, including an upfront payment of

\$6.9 million, and up to \$7.0 million based on achievement of revenue and value-creating operational milestones through September 30, 2019. Contingent consideration associated with the NorMedix transaction is payable as earned. This acquisition strengthens the Company's vascular device expertise and Research and Development ("R&D) capabilities. This acquisition positions the Company to make significant progress on its strategy to offer whole-product solutions to medical device customers, while continuing its commitment to consistently deliver innovation in coating technologies and in vitro diagnostics. Total transaction, integration and other costs associated with the NorMedix acquisition aggregated \$0.0 million and \$0.3 million for the three and nine months, respectively, ended June 30, 2016. NorMedix is included in the Company's Medical Device reporting segment.

The purchase price of NorMedix consisted of the following:

| (Dollars in thousands) | |
|--|--------------|
| Cash paid | \$ 6,905 |
| Contingent consideration | 3,740 |
| Total purchase price | 10,645 |
| Less cash and cash equivalents acquired | (17) |
| Total purchase price, net of cash acquired | \$ 10,628 |

The following table summarizes the allocation of the preliminary purchase price to the fair values assigned to the assets acquired and the liabilities assumed at the date of the NorMedix acquisition:

| | Value thousands) | Estimated Useful Life (In years) |
|--|---------------------|-------------------------------------|
| Net current assets | \$ 196 | N/A |
| Property and equipment | 76 | N/A |
| Developed technology | 6,850 | 10.0-14.0 |
| Customer relationships | 900 | 4.0 |
| Deferred tax asset | 812 | N/A |
| Other noncurrent asset | 12 | N/A |
| Deferred tax liabilities | (2,597) | N/A |
| Net assets acquired | 6,249 | |
| Goodwill | 4,379 | N/A |
| Total purchase price, net of cash acquired | \$ 10,628 | |

The NorMedix goodwill is a result of acquiring and retaining the NorMedix existing workforce and expected synergies from integrating their business into Surmodics. The goodwill will not be deductible for tax purposes. Purchase accounting is considered preliminary, subject to revision, mainly with respect to working capital, income taxes and goodwill, as final information was not available as of June 30, 2016.

These strategic acquisitions combine the best-in-class capabilities of NorMedix's catheter-based technologies, Creagh Medical's PTA balloon platform capabilities, and Surmodics' innovative coating and drug delivery technologies to develop highly differentiated delivery and therapeutic intravascular solutions. The result is an organization with unique device design and development expertise, rich technology content, manufacturing capabilities, and a state-of-the-art facility equipped for medical device R&D and manufacturing.

Pro Forma Results

The following unaudited pro forma financial information presents the combined results of operation of the Company as if the acquisitions of Creagh Medical and NorMedix had occurred as of October 1, 2014. The Company has realized \$2.8 million of revenue and a net loss of \$2.3 million from the Creagh Medical and NorMedix operations since their acquisitions.

The fiscal 2016 nine month pro forma financial information includes adjustments for additional amortization expense on identifiable intangible assets of \$0.4 million and contingent consideration accretion expense of \$0.3 million, eliminating non-recurring transactional professional fees of \$3.0 million, and tax effect impact of \$0.1 million.

The fiscal 2015 three and nine month pro forma financial information includes adjustments for additional amortization expense on identifiable intangible assets of \$0.6 million and \$1.9 million, contingent consideration accretion expense of \$0.1 million and \$0.9 million and tax effect impact of \$0.1 million and \$0.4 million, respectively.

The tax impact of the adjustments in all periods reflects no tax benefit from contingent consideration accretion as well as a significant portion of our transaction related costs in fiscal 2016 as they are not deductible for tax purposes. Further, Creagh Medical amortization expense does not reflect an Irish tax benefit as we acquired a net operating loss carryforward as of the acquisition date that was offset in the aggregate by deferred tax liabilities and valuation allowance. Therefore, the amortization of Creagh Medical intangible assets results in a decrease in deferred tax liabilities with a corresponding increase to a deferred tax valuation allowance. NorMedix amortization expense reflects a tax benefit based on our incremental U.S. tax rate.

The unaudited pro forma financial information is not necessarily indicative of what the Company's consolidated results of operations actually would have been had the acquisition occurred at the beginning of each year. Additionally, the unaudited pro forma financial information does not attempt to project the future results of operations of the combined company.

| | Three Months Ended June 30, | | | Nine Mon Jun | ths Er e 30, | ıded |
|---------------------------------------|-----------------------------------|----------|----|-----------------|-----------------|--------|
| | | 2015 | | 2016 | | 2015 |
| (In thousands, except per share data) | (Un | audited) | | (Unau | lited) | |
| Revenue | \$ | 16,858 | \$ | 54,262 | \$ | 46,922 |
| Net income | \$ | 1,232 | \$ | 6,857 | \$ | 2,347 |
| | | | | | | |
| Per share amounts: | | | | | | |
| Basic net income per share | \$ | 0.09 | \$ | 0.53 | \$ | 0.18 |
| Diluted net income per share | \$ | 0.09 | \$ | 0.52 | \$ | 0.18 |

4. Fair Value Measurements

The accounting guidance on fair value measurements defines fair value, establishes a framework for measuring fair value under GAAP, and expands disclosures about fair value measurements. The guidance is applicable for all financial assets and financial liabilities and for all nonfinancial assets and nonfinancial liabilities recognized or disclosed at fair value in the financial statements on a recurring basis (at least annually). Fair value is defined as the exchange price that would be received from selling an asset or paid to transfer a liability (an exit price) at the measurement date under current market conditions. When determining the fair value measurements for assets and liabilities required or permitted to be recorded at fair value, the Company considers the principal or most advantageous market in which it would transact and also considers assumptions that market participants would use when pricing the asset or liability, such as inherent risk, transfer restrictions and risk of nonperformance.

Fair Value Hierarchy

Accounting guidance on fair value measurements requires that assets and liabilities carried at fair value be classified and disclosed in one of the following three categories:

Level 1 — Quoted (unadjusted) prices in active markets for identical assets or liabilities.

The Company did not have any Level 1 assets as of June 30, 2016 or September 30, 2015.

Level 2 — Observable inputs other than quoted prices included in Level 1, such as quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the asset or liability.

The Company's Level 2 assets as of June 30, 2016 consisted of money market funds, commercial paper instruments and corporate debt securities. Fair market values for these assets are based on quoted vendor prices and broker pricing where all significant inputs are observable. To ensure the accuracy of quoted vendor prices and broker pricing, the Company performs regular reviews of investment returns to industry benchmarks and sample tests of individual securities to validate quoted vendor prices with other available market data.

Level 3 — Unobservable inputs to the valuation methodology that are supported by little or no market activity and that are significant to the measurement of the fair value of the assets or liabilities. Level 3 assets and liabilities include those whose fair value measurements are determined using pricing models, discounted cash flow methodologies or similar valuation techniques, as well as significant management judgment or estimation.

Included in Level 3 liabilities as of June 30, 2016 is \$13.9 million of noncurrent contingent consideration liabilities related to achievement of revenue and value-creating milestones associated with the Creagh Medical and NorMedix acquisitions. There were no Level 3 instruments as of September 30, 2015.

In valuing assets and liabilities, the Company is required to maximize the use of quoted market prices and minimize the use of unobservable inputs.

Assets and Liabilities Measured at Fair Value on a Recurring Basis

In instances where the inputs used to measure fair value fall into different levels of the fair value hierarchy, the fair value measurement has been determined based on the lowest level input that is significant to the fair value measurement in its entirety. The Company's assessment of the significance of a particular item to the fair value measurement in its entirety requires judgment, including the consideration of inputs specific to the asset or liability.

The following table presents information about the Company's assets and liabilities measured at fair value on a recurring basis as of June 30, 2016:

| (Dollars in thousands) | Quoted Prices in Active Markets for Identical Instruments (Level 1) | | Significant Other Observable Inputs (Level 2) | | Other S oservable Ui Inputs | | Significant Unobservable Inputs (Level 3) | | 1 | Total Fair /alue as of June 30, 2016 |
|---------------------------------------|---|---|---|--------|-----------------------------------|----------|--|----------|---|---|
| Assets: | | | | | | | | | | |
| Cash equivalents | \$ | — | \$ | 26,087 | \$ | | \$ | 26,087 | | |
| Available-for-sale debt securities | | — | | 9,523 | | — | | 9,523 | | |
| Total assets | \$ | | \$ | 35,610 | \$ | | \$ | 35,610 | | |
| Liabilities: | | | | | | | | | | |
| | | | | | | | | | | |
| Contingent consideration - noncurrent | \$ | | \$ | | \$ | (13,950) | \$ | (13,950) | | |
| Total liabilities | \$ | | \$ | | \$ | (13,950) | \$ | (13,950) | | |

The following table presents information about the Company's assets and liabilities measured at fair value on a recurring basis as of September 30, 2015:

| (Dollars in thousands) | Quoted Price Active Mark for Identica Instrument (Level 1) | ets al | Ot | gnificant Other oservable Inputs Level 2) | Unot | nificant oservable nputs evel 3) | Va | otal Fair lue as of tember 30, 2015 |
|------------------------|--|-----------|----|---|------|---|----|--|
| Assets: | | | | | | | | |
| Cash equivalents | \$ | | \$ | 53,591 | \$ | — | \$ | 53,591 |
| Total assets | \$ | _ | \$ | 53,591 | \$ | | \$ | 53,591 |

Included in Level 3 fair value measurements as of June 30, 2016 was a \$13.9 million noncurrent contingent consideration liability related to achievement of revenue and value-creating milestones associated with the Creagh Medical and NorMedix acquisitions. The following table summarizes the changes in the noncurrent contingent consideration liability for the three and nine month periods ended June 30, 2016:

| Current and noncurrent contingent consideration liability as of September 30, 2015 \$ Additions * Fair value adjustments * Settlements * Interest accretion * Foreign currency translation loss * | 9,064 — — 109 135 |
|---|-------------------------------|
| Fair value adjustments Settlements Interest accretion | |
| Settlements Interest accretion | 135 |
| Interest accretion | 135 |
| | 135 |
| Foreign currency translation loss | |
| | |
| Current and noncurrent contingent consideration liability as of December 31, 2015 | 9,308 |
| Additions | 3,517 |
| Fair value adjustments | — |
| Settlements | _ |
| Interest accretion | 392 |
| Foreign currency translation loss | 429 |
| Current and noncurrent contingent consideration liability as of March 31, 2016 | 13,646 |
| Additions | _ |
| Fair value adjustments | 70 |
| Settlements | — |
| Interest accretion | 485 |
| Foreign currency translation gain | (251) |
| Current and noncurrent contingent consideration liability as of June 30, 2016 \$ | 13,950 |

Valuation Techniques

The valuation techniques used to measure the fair value of assets are as follows:

Cash equivalents — These assets are classified as Level 2 and are carried at historical cost, which is a reasonable estimate of fair value because of the relatively short time between origination of the instrument and its expected realization.

Available-for-sale debt securities — These assets are classified as Level 2 and includes corporate debt securities. These securities are valued based on quoted vendor prices in active markets underlying the securities.

Contingent consideration — The contingent consideration liabilities were determined based on discounted cash flow analyses that included revenue estimates, probability of strategic milestone achievement and a discount rate, which are considered significant unobservable inputs as of the acquisition date and June 30, 2016. For the revenue based milestones, the Company discounted forecasted revenue by 14.1% to 22.8%, which represents the Company's weighted average cost of capital for each transaction, adjusted for the short-term nature of the cash flows. The resulting present value of revenue was used as an input into an option pricing approach, which also considered the Company's risk of non-payment of the revenue-based milestones. Non-revenue milestones are assumed to have a 75% to 100% probability of achievement and related payments were discounted using the Company's estimated cost of debt, or 5.6% to 6.7%. To the extent that these assumptions were to change, the fair value of the contingent consideration liabilities could change significantly. Included in the condensed consolidated statement of income for the third quarter and first nine months ended June 30, 2016 is \$0.5 million and \$1.1 million, respectively, of expense related to the accretion of the contingent consideration. The €12 million contingent consideration related to the Creagh Medical acquisition is denominated in Euros and is not hedged. The Company recorded a \$0.3 million and \$(0.3) million foreign currency exchange gain (loss) in the third quarter and first nine months of fiscal 2016, respectively, related to this contingent consideration.

5. Investments

Investments consist principally of corporate debt securities and are classified as available-for-sale as of June 30, 2016. Available-for-sale securities are reported at fair value with unrealized gains and losses, net of tax, excluded from the condensed consolidated statements of income and reported in the condensed consolidated statements of comprehensive income as well as a separate component of stockholders' equity in the condensed consolidated balance sheets, except for other-than-temporary impairments, which are reported as a charge to current earnings. A loss would be recognized when there is an other-than-temporary impairment in the fair value of any individual security classified as available-for-sale, with the associated net unrealized loss

reclassified out of accumulated other comprehensive income with a corresponding adjustment to other income. This adjustment results in a new cost basis for the investment. Interest earned on debt securities, including amortization of premiums and accretion of discounts, is included in other income. Realized gains and losses from the sales of debt securities, which are included in other income, are determined using the specific identification method.

The amortized cost, unrealized holding gains and losses, and fair value of available for sale securities as of June 30, 2016 were as follows:

| | June 30, 2016 | | | | | | | |
|------------------------|---------------|------------|--------|------------|-------|--------------|----|------------|
| (Dollars in thousands) | Amor | tized Cost | Unreal | ized Gains | Unrea | lized Losses | | Fair Value |
| Corporate bonds | \$ | 9,562 | \$ | 1 | \$ | (40) | \$ | 9,523 |
| Total | \$ | 9,562 | \$ | 1 | \$ | (40) | \$ | 9,523 |

During the year ended September 30, 2015, the Company liquidated its investment portfolio to support corporate initiatives, as a result the ending balance of available-for-sale investments as of September 30, 2015 was zero.

The following table summarizes sales of available-for-sale debt securities:

| | Three Months Ended June 30, | | | Nine Montl June | | | ıded | |
|------------------------|--------------------------------|---|----|--------------------|----|------|------|--------|
| (Dollars in thousands) | 2016 | | | 2015 | | 2016 | | 2015 |
| Proceeds from sales | \$ | _ | \$ | 19,071 | \$ | _ | \$ | 21,722 |
| Gross realized gains | \$ | _ | \$ | 26 | \$ | _ | \$ | 26 |
| Gross realized losses | \$ | | \$ | (65) | \$ | — | \$ | (73) |

6. Inventories

Inventories are principally stated at the lower of cost or market using the specific identification method and include direct labor, materials and overhead, with cost of product sales determined on a first-in, first-out basis. Inventories consisted of the following components:

| (Dollars in thousands) | June 30, 2016 | September 30, 2015 |
|------------------------|------------------|-----------------------|
| Raw materials | \$ 1,630 | \$ 1,264 |
| Finished products | 1,715 | 1,715 |
| Total | \$ 3,345 | \$ 2,979 |

7. Other Assets

Other assets consist principally of the following:

| (Dollars in thousands) | J | June 30, 2016 | Sep | 2015 |
|-------------------------|----|------------------|-----|------|
| ViaCyte, Inc. | \$ | 479 | \$ | 479 |
| Other noncurrent assets | | 195 | | — |
| Other assets, net | \$ | 674 | \$ | 479 |

The Company has invested a total of \$5.3 million in ViaCyte, Inc. ("ViaCyte"), a privately-held California-based biotechnology firm that is developing a unique treatment for diabetes using coated islet cells, the cells that produce insulin in the human body. The balance of the investment of \$0.5 million, which is net of previously recorded other-than-temporary impairments of \$4.8 million is accounted for under the cost method and represents less than a 1% ownership interest. The Company does not exert significant influence over ViaCyte's operating or financial activities.

The carrying value of each cost method investment is reviewed quarterly for changes in circumstances or the occurrence of events that suggest the Company's investment may not be recoverable. The fair value of cost method investments is not adjusted if there are no identified events or changes in circumstances that may have a material adverse effect on the fair value of the investment.

8. Intangible Assets

Intangible assets consist principally of acquired patents and technology, customer relationships, licenses and trademarks. In the first nine months of fiscal 2016, the Company acquired 100% of the shares of Creagh Medical and 100% of the shares of NorMedix. The Company acquired and recorded amounts for certain intangible assets in both the Creagh Medical and NorMedix transactions. The Company recorded amortization expense of \$0.8 million and \$0.2 million for the third quarter ended June 30, 2016 and 2015, respectively. For the nine months ended June 30, 2016 and 2015, the Company recorded amortization expense of \$1.9 million and \$0.6 million, respectively.

Intangible assets consisted of the following:

| | June 30, 2016 | | | | | | | | | |
|-------------------------------------|---|--------------------------|--------|------------|---------|----|--------|--|--|--|
| (Dollars in thousands) | Weighted Average Original Life (Years) | Gross Carrying Amount | | <i>y</i> 8 | | | Net | | | |
| Definite-lived intangible assets: | | | | | | | | | | |
| Customer lists and relationships | 7.8 | \$ | 17,547 | \$ | (5,842) | \$ | 11,705 | | | |
| Core technology | 8.0 | | 530 | | (530) | | — | | | |
| Developed technology | 11.8 | | 8,701 | | (417) | | 8,284 | | | |
| Non-compete | 5.0 | | 230 | | (46) | | 184 | | | |
| Patents and other | 16.5 | | 2,321 | | (1,238) | | 1,083 | | | |
| Subtotal | | | 29,329 | | (8,073) | | 21,256 | | | |
| Unamortized intangible assets: | | | | | | | | | | |
| In-process research and development | | | 975 | | | | 975 | | | |
| Trademarks and trade names | | | 658 | | — | | 658 | | | |
| Total | | \$ | 30,962 | \$ | (8,073) | \$ | 22,889 | | | |

| | | September 30, 2015 | | | | | | | | |
|-----------------------------------|---|--------------------|-------|-----|---------|----|-------|--|--|--|
| (Dollars in thousands) | Weighted Average Original Life (Years) | Gross Carrying | | 5 0 | | | Net | | | |
| Definite-lived intangible assets: | | | | | | | | | | |
| Customer lists | 9.0 | \$ | 5,132 | \$ | (4,363) | \$ | 769 | | | |
| Core technology | 8.0 | | 530 | | (530) | | — | | | |
| Non-compete | 5.0 | | 230 | | (12) | | 218 | | | |
| Patents and other | 16.8 | | 2,321 | | (1,128) | | 1,193 | | | |
| Subtotal | | | 8,213 | | (6,033) | | 2,180 | | | |
| Unamortized intangible assets: | | | | | | | | | | |
| Trademarks | | | 580 | | — | | 580 | | | |
| Total | | \$ | 8,793 | \$ | (6,033) | \$ | 2,760 | | | |

Based on the intangible assets in service as of June 30, 2016 and the projected completion of in-process research and development assets in fiscal 2017, estimated amortization expense for the remainder of fiscal 2016 and each of the next five fiscal years is as follows:

| (Dollars in thousands) | |
|------------------------|-----------|
| Remainder of 2016 | \$ 750 |
| 2017 | 2,570 |
| 2018 | 2,523 |
| 2019 | 2,523 |
| 2020 | 2,348 |
| 2021 | 2,209 |

Future amortization amounts presented above are estimates. Actual future amortization expense may be different as a result of completion of the purchase price allocations for Creagh Medical and NorMedix, future acquisitions, impairments, completion of in-process research and development ("IPR&D") intangible assets, foreign currency fluctuations, changes in amortization periods, or other factors.

The Company defines IPR&D as the value of technology acquired for which the related projects have substance and are incomplete. IPR&D acquired in a business acquisition is recognized at fair value and requires the IPR&D to be capitalized as an

indefinite-lived intangible asset until completion of the IPR&D project or abandonment. Upon completion of the development project (generally when regulatory approval to market the product is obtained), an impairment assessment is performed prior to amortizing the asset over its estimated useful life. If the IPR&D projects are abandoned, the related IPR&D assets would be written off.

9. Goodwill

Goodwill represents the excess of the cost of an acquired entity over the fair value assigned to the assets purchased and liabilities assumed in connection with a business acquisition. Goodwill is not amortized but is subject, at a minimum, to annual tests for impairment in accordance with accounting guidance for goodwill. The carrying amount of goodwill is evaluated annually, and between annual evaluations if events occur or circumstances change indicating that the carrying amount of goodwill may be impaired.

Goodwill as of June 30, 2016 and September 30, 2015 totaled \$26.5 million and \$8.0 million, respectively. The \$8.0 million of goodwill as of September 30, 2015 is related to the In Vitro Diagnostics reporting unit and represents the gross value from the acquisition of BioFX Laboratories, Inc. ("BioFX") in 2007. The goodwill was not impaired based on the outcome of the fiscal 2015 annual impairment test, and there have been no events or circumstances that have occurred in the first nine months of fiscal 2016 to indicate that the goodwill has been impaired.

In the first quarter of fiscal 2016, the Company purchased Creagh Medical. The purchase price of Creagh Medical exceeded the net acquisition-date amounts of the identifiable assets acquired and the liabilities assumed by \$13.6 million. The final valuation of assets acquired and liabilities assumed is expected to be completed as soon as possible, but no later than one year from the acquisition date.

In the second quarter of fiscal 2016, the Company purchased NorMedix. The purchase price of NorMedix exceeded the net acquisition-date amounts of the identifiable assets acquired and the liabilities assumed by \$4.4 million. The final valuation of assets acquired and liabilities assumed is expected to be completed as soon as possible, but no later than one year from the acquisition date.

The change in the carrying amount of goodwill by segment for the nine months ended June 30, 2016 was as follows:

| (Dollars in thousands) | In Vitro Medical Diagnostics Device | | | Total |
|----------------------------------|--|----|--------|--------------|
| Balance as of September 30, 2015 | \$ 8,010 | \$ | | \$ 8,010 |
| Additions (See Note 3) | | | 17,988 | 17,988 |
| Translation adjustment | | | 546 | 546 |
| Balance as of June 30, 2016 | \$ 8,010 | \$ | 18,534 | \$ 26,544 |

10. Stock-based Compensation

The Company has stock-based compensation plans under which it grants stock options, restricted stock awards, performance share awards, restricted stock units and deferred stock units. Accounting guidance requires all share-based payments to be recognized as an operating expense, based on their fair values, over the requisite service period.

The Company's stock-based compensation expenses were allocated to the following expense categories:

| | Three Months Ended June 30, | | | | Nine Months Ended June 30, | | | ıded |
|-------------------------------------|--------------------------------|------|----|------|-------------------------------|-------|----|-------|
| (Dollars in thousands) | | 2016 | | 2015 | | 2016 | | 2015 |
| Product costs | \$ | 4 | \$ | 5 | \$ | 12 | \$ | 18 |
| Research and development | | 101 | | 56 | | 220 | | 171 |
| Selling, general and administrative | | 725 | | 568 | | 2,497 | | 1,652 |
| Total | \$ | 830 | \$ | 629 | \$ | 2,729 | \$ | 1,841 |

As of June 30, 2016, approximately \$4.7 million of total unrecognized compensation costs related to non-vested awards is expected to be recognized over a weighted average period of approximately 2.2 years. The unrecognized compensation costs above include \$1.8 million, remaining to be expensed over the life of the awards, based on payout levels associated with performance share awards that are currently anticipated to be fully expensed because the performance conditions are expected to exceed minimum threshold levels.

Stock Option Awards

The Company uses the Black-Scholes option pricing model to determine the weighted average grant date fair value of stock options granted. The weighted average per share fair values of stock options granted during the three months ended June 30, 2016 and 2015 were \$6.49 and \$8.85, respectively. The weighted average per share fair values of stock options granted during the nine months ended June 30, 2016 and 2015 were \$6.85 and \$7.25, respectively. The assumptions used as inputs in the model were as follows:

| | Three Months E June 30, | nded | Nine Months E June 30, | |
|--------------------------|----------------------------|-------|---------------------------|-------|
| | 2016 | 2015 | 2016 | 2015 |
| Risk-free interest rates | 1.3% | 1.2% | 1.9% | 1.4% |
| Expected life (years) | 4.7 | 4.4 | 4.6 | 4.5 |
| Expected volatility | 35.2% | 38.5% | 36.8% | 43.2% |
| Dividend yield | 0.0% | 0.0% | 0.0% | 0.0% |

The risk-free interest rate assumption was based on the U.S. Treasury's rates for U.S. Treasury zero-coupon bonds with maturities similar to those of the expected term of the award. The expected life of options granted was determined based on the Company's experience. Expected volatility was based on the Company's stock price movement over a period approximating the expected term. Based on management's judgment, dividend yields were expected to be 0.0% for the expected life of the options. The Company also estimates forfeitures of options granted, which were based on historical experience.

Non-qualified stock options are granted at fair market value on the date of grant. Non-qualified stock options expire in seven to ten years or upon termination of employment or service as a Board member. With respect to members of our Board, non-qualified stock options generally become exercisable on a pro-rata basis within the one-year period following the date of grant. With respect to our employees, non-qualified stock options generally become exercisable with respect to 25% of the shares on each of the first four anniversaries following the grant date.

The total pre-tax intrinsic value of options exercised during the three and nine months ended June 30, 2016 was \$0.4 million and \$1.7 million, respectively. The total pre-tax intrinsic value of options exercised during the three and nine months ended June 30, 2015 was \$0.3 million and \$1.7 million, respectively. The intrinsic value represents the difference between the average exercise price and the fair market value of the Company's common stock on the last day of the periods.

Restricted Stock Awards

The Company has entered into restricted stock agreements with certain key employees, covering the issuance of common stock ("Restricted Stock"). Under accounting guidance, these shares are considered to be non-vested shares. The Restricted Stock is released to the key employees if they are employed by the Company at the end of the vesting period. Compensation expense has been recognized for the estimated fair value of the common shares and is being charged to income over the vesting term. The stock-based compensation expense table includes Restricted Stock expenses recognized related to these awards, which totaled less than \$0.1 million and \$0.1 million in each of the three months ended June 30, 2016 and 2015, respectively. The stock-based compensation expense table includes Restricted Stock expenses recognized related to these awards, which totaled \$0.2 million in each of the nine months ended June 30, 2016 and 2015, respectively.

Performance Share Awards

The Company has entered into performance share agreements with certain key employees and executives, covering the issuance of common stock ("Performance Shares"). Performance Shares vest upon the achievement of all or a portion of certain performance objectives (which may include financial or project objectives), which must be achieved during the performance period. The Organization and Compensation Committee of the Board of Directors (the "Committee") approves the performance objectives used for our executive compensation programs, which objectives were cumulative earnings per share and cumulative revenue for the three-year performance periods for fiscal 2014 (2014 – 2016) and are cumulative revenue and cumulative earnings before interest, income taxes, depreciation and amortization ("EBITDA") for fiscal year 2015 (2015 – 2017) and fiscal 2016 (2016 – 2018). Assuming that the minimum performance level is attained, the number of shares that may actually vest will vary based on performance from 20% (minimum) to 200% (maximum) of the target number of shares. Shares will be issued to participants as soon as practicable following the end of the performance periods subject to Committee approval and verification of results. The fiscal 2013 awards were finalized in the three months ended December 31, 2015 and resulted in the issuance of 42,458 shares (maximum was 85,506 shares) based on the performance objectives and actual results. The compensation cost related to the number of shares to be granted under each performance period is fixed on the grant date. Compensation expense was recognized in each period based on management's best estimate of the achievement level of actual and forecasted results, as appropriate, compared with the specified performance objectives

for Performance Shares. For the three and nine months ended June 30, 2016, the Company recognized expense of \$0.3 million and \$1.3 million, respectively. For the three and nine months ended June 30, 2015, the Company recognized expense of \$0.2 million and \$0.5 million, respectively. The stock-based compensation expense table includes the Performance Shares expense.

The fair values of the Performance Shares, at target, were \$1.3 million, \$0.9 million and \$0.9 million in each fiscal year for grants awarded in fiscal 2016, 2015 and 2014, respectively.

The aggregate number of shares that could be awarded to our executives if the minimum, target and maximum performance goals are met, based on the fair value at the date of grant is as follows:

| Performance Period | Minimum Shares | Target Shares | Maximum Shares |
|--------------------|----------------|---------------|----------------|
| Fiscal 2014 – 2016 | 7,861 | 39,303 | 78,606 |
| Fiscal 2015 – 2017 | 8,440 | 42,199 | 84,398 |
| Fiscal 2016 – 2018 | 13,268 | 66,338 | 132,676 |

Employee Stock Purchase Plan

Under the 1999 Employee Stock Purchase Plan ("Stock Purchase Plan"), the Company is authorized to issue up to 400,000 shares of common stock. All full-time and part-time U.S. employees can choose to have up to 10% of their annual compensation withheld, with a limit of \$25,000, to purchase the Company's common stock at purchase prices defined within the provisions of the Stock Purchase Plan. As of June 30, 2016 and 2015, there was \$0.1 million of employee contributions included in accrued liabilities in the condensed consolidated balance sheets. Stock compensation expense recognized related to the Stock Purchase Plan for the three and nine months ended June 30, 2016 and 2015 totaled \$0.1 million or less in each period. The stock-based compensation table includes the Stock Purchase Plan expenses.

Restricted Stock and Deferred Stock Units

In the nine months ended June 30, 2016, the Company awarded 18,877 restricted stock units ("RSUs"). The Company has awarded a total of 23,736 RSUs in fiscal 2015 and 2014 under the 2009 Equity Incentive Plan to non-employee directors with forfeiture of 3,068 RSUs in fiscal 2015. RSU awards are not considered issued or outstanding common stock of the Company until they vest. The estimated fair value of the RSU awards was calculated based on the closing market price of Surmodics' common stock on the date of grant. Compensation expense has been recognized for the estimated fair value of the common shares and is being charged to income over the vesting term. The stock-based compensation table includes RSU expenses recognized related to these awards, which totaled less than \$0.1 million and \$0.1 million for the three months and nine months ended June 30, 2016, respectively, and less than \$0.1 million and \$0.2 million during the three months and nine months ended June 30, 2015, respectively.

Directors can also elect to receive their annual fees for services to the Board in deferred stock units ("DSUs"). Certain directors elected this option beginning on January 1, 2013 with deferral elections made annually, which has resulted in 2,134 and 6,646 units issued with a total fair value of less than \$0.1 million and \$0.1 million in the three months and nine months ended June 30, 2016, respectively, and 1,547 and 4,433 DSUs issued with a total value of less than \$0.1 million in the three months and nine months ended June 30, 2015, respectively. These DSUs are fully vested. Stock-based compensation expense related to DSU awards totaled \$0.1 million and \$0.1 million during the third quarter and nine months ended June 30, 2016, respectively and less than \$0.1 million in both the three months and nine months ended June 30, 2015, respectively.

11. Revolving Credit Facility

On November 4, 2013, the Company entered into a three-year \$20.0 million secured revolving credit facility. The Company's obligations under the credit facility are secured by substantially all of its and its subsidiaries' assets, other than intellectual property and real estate. Borrowings under the credit facility, if any, will bear interest at a benchmark rate plus a margin ranging from 1.375% to 2.00% based on the Company's leverage ratio. A facility fee is payable on unused commitments at a rate of 0.20% per annum.

On November 5, 2014, the credit facility was amended and modified to increase the size of stock repurchases that may be effected by the Company up to \$30.0 million without the consent of the lender. During the year ended September 30, 2015, the Company repurchased \$20.0 million of common stock. On November 20, 2015, the credit facility was further amended and modified to replenish the size of stock repurchases that may be effected by the Company to up to \$30.0 million without the consent of the lender. On March 4, 2016 the credit facility was further amended to consider the Company's foreign subsidiaries in the credit agreement.

In connection with the credit facility, the Company is required to maintain financial covenants related to a maximum leverage ratio and a minimum EBITDA amount and to comply with nonfinancial covenants. As of June 30, 2016, the Company has no debt outstanding and was in compliance with all financial covenants.

12. Net Income Per Share Data

Basic net income per common share is calculated by dividing net income by the weighted average number of common shares outstanding during the period. Diluted net income per common share is computed by dividing net income by the weighted average number of common and common equivalent shares outstanding during the period. The Company's potentially dilutive common shares are those that result from dilutive common stock options, non-vested stock relating to restricted stock awards, restricted stock units, deferred stock units and performance shares.

The following table sets forth the denominator for the computation of basic and diluted net income per share:

| | Three Months Ended June 30, | | | | Nine Mon Jun | | |
|--|------------------------------------|----|--------|----|-----------------|----|--------|
| (Dollars in thousands) | 2016 | _ | 2015 | | 2016 | _ | 2015 |
| Net income available to common shareholders | \$ 4,003 | \$ | 3,924 | \$ | 7,341 | \$ | 10,590 |
| Basic weighted average shares outstanding | 12,995 | | 13,002 | | 12,969 | | 13,057 |
| Dilutive effect of outstanding stock options, non-vested | | | | | | | |
| restricted stock, restricted stock units, deferred stock | | | | | | | |
| units and performance shares | 289 | _ | 277 | | 234 | | 267 |
| Diluted weighted average shares outstanding | 13,284 | | 13,279 | | 13,203 | | 13,324 |

The calculation of weighted average diluted shares outstanding excludes outstanding stock options associated with the right to purchase 0.3 million shares of common stock for each of the three months ended June 30, 2016 and 2015, respectively, and 0.2 million and 0.3 million for the nine months ended June 30, 2016 and June 30, 2016, respectively, as their inclusion would have had an antidilutive effect on diluted net income per share.

On November 5, 2014, the Company's Board of Directors authorized it to repurchase up to \$30.0 million of the Company's outstanding common stock in open-market purchases, privately negotiated transactions, block trades, accelerated share repurchase transactions, tender offers or by any combination of such methods. The authorization has no fixed expiration date. The Company used \$20.0 million of this authorization for the share repurchase discussed below.

On November 11, 2014, the Company entered into an accelerated share repurchase ("ASR") program with Wells Fargo Bank, National Association. In connection with this agreement, the Company made a \$20.0 million payment to the bank and immediately received an initial delivery of 758,143 shares of its common stock with a fair value of \$16.0 million as of the purchase date. Effective as of the date of the initial share purchase, the transaction was accounted for as a share retirement, resulting in a reduction of common stock of less than \$0.1 million, additional paid-in capital of \$2.5 million and retained earnings of \$13.5 million. The remaining \$4.0 million of the Company's payment was also reported as a reduction in retained earnings. The specific number of shares that the Company ultimately purchased under the ASR agreement was based on the volume weighted average price ("VWAP") of the Company's common stock during the purchase period, less an agreed upon discount. In the aggregate, the Company purchased 847,864 shares under the ASR program for an average price of \$23.59 per share. Based on the facts associated with the agreement, the forward contract was indexed to the Company's common stock and met the U.S. GAAP requirements to be classified as permanent equity as of July 8, 2015, the date the ASR program was completed.

On November 6, 2015, the Company's Board of Directors authorized the repurchase of up to \$20.0 million of the Company's outstanding common stock in addition to the \$10.0 million authorization which remains available from the November 5, 2014 authorization.

13. Income Taxes

For interim income tax reporting, we are required to estimate our annual effective tax rate and apply it to year-to-date pretax income excluding unusual or infrequently occurring discrete items. Tax jurisdictions with losses for which tax benefits cannot be realized are excluded. The Company recorded income tax provisions of \$2.9 million and \$1.9 million for the three months ended June 30, 2016 and 2015, respectively, representing effective tax rates of 41.6% and 33.0%, respectively. The Company recorded income tax provisions of \$5.5 million and \$4.9 million for the nine months ended June 30, 2016 and 2015, respectively, representing effective tax rates of 42.9% and 31.5%, respectively. The effective income tax rates for the three and nine months ended June 30, 2016 differ from

the U.S. federal statutory tax rate of 35.0% primarily due to transaction costs and contingent consideration accretion associated with the Creagh Medical and NorMedix acquisitions, the domestic production manufacturing deduction and the U.S. federal research and development income tax credit. The effective income tax rate for the three and nine months ended June 30, 2016 differs from the three and nine months ended June 30, 2015 primarily due to transaction costs, contingent consideration accretion, and foreign currency gain (losses) associated with the fiscal 2016 acquisitions.

The total amount of unrecognized tax benefits, excluding interest and penalties that, if recognized, would affect the effective tax rate as of June 30, 2016 and September 30, 2015, respectively, are \$1.0 million and \$0.9 million. Currently, the Company does not expect the liability for unrecognized tax benefits to change significantly in the next 12 months with the above balances classified on the condensed consolidated balance sheets in other long-term liabilities. Interest and penalties related to unrecognized tax benefits are recorded in income tax provision.

The Company files income tax returns, including returns for its subsidiaries, in the U.S. federal jurisdiction and in various state jurisdictions. Uncertain tax positions are related to tax years that remain subject to examination. U.S. income tax returns for years prior to fiscal 2012 are no longer subject to examination by federal tax authorities. For tax returns for state and local jurisdictions, the Company is no longer subject to examination for tax years generally before fiscal 2005.

14. Amounts Reclassified Out of Accumulated Other Comprehensive Income

Amounts reclassified out of accumulated other comprehensive income ("AOCI") was \$0.3 million on a pre-tax basis for the nine months ended June 30, 2015. There were no amounts reclassified out of AOCI for the three and nine months ended June 30, 2016. For the three months and nine months ended June 30, 2015, the amounts reclassified out of AOCI were associated with unrealized gains or losses on available-for-sale securities that were realized on the sale of the securities and were presented in other income, net in the condensed consolidated statements of income.

15. Reportable Segment Information

The accounting standards for reporting information about operating segments define operating segments as components of an enterprise about which separate financial information is available that is evaluated regularly by the chief operating decision maker, who is the Company's Chief Executive Officer, in deciding how to allocate resources and in assessing performance. For financial accounting and reporting purposes, the Company reports its results for the two reportable segments as follows: (1) the Medical Device unit, which is comprised of surface modification coating technologies to improve access, deliverability, and predictable deployment of medical devices; international cardiology and peripheral balloon design, development and manufacturing; as well as drug delivery coating technologies to provide site-specific drug delivery from the surface of a medical device, with end markets that include coronary, peripheral, neuro-vascular and urology, among others, and (2) the In Vitro Diagnostics unit, which consists of component products and technologies for diagnostic test kits and biomedical research applications, with products that include protein stabilization reagents, substrates, antigens and surface coatings. During the first nine months of fiscal 2016, the Company acquired Creagh Medical and NorMedix, which are included in the Medical Device segment.

The table below presents segment revenue, operating income and depreciation and amortization, as follows:

| | | Three Months Ended June 30, | | | | Nine Months Ended June 30, | | | | | |
|-------------------------------------|----|--------------------------------|----|---------|----|-------------------------------|----|---------|--|--|--|
| (Dollars in thousands) | | 2016 | | 2015 | | 2016 | _ | 2015 | | | |
| Revenue: | | | | | | | | | | | |
| Medical Device | \$ | 15,654 | \$ | 11,629 | \$ | 39,500 | \$ | 32,827 | | | |
| In Vitro Diagnostics | | 4,318 | | 4,285 | | 13,712 | | 11,708 | | | |
| Total revenue | \$ | 19,972 | \$ | 15,914 | \$ | 53,212 | \$ | 44,535 | | | |
| | | | | | | | | | | | |
| Operating income: | | | | | | | | | | | |
| Medical Device | \$ | 6,673 | \$ | 6,295 | \$ | 12,825 | \$ | 16,507 | | | |
| In Vitro Diagnostics | | 1,673 | | 1,191 | | 5,298 | | 3,220 | | | |
| Total segment operating income | | 8,346 | | 7,486 | | 18,123 | | 19,727 | | | |
| Corporate | | (1,749) | | (1,629) | | (5,347) | | (4,903) | | | |
| Total operating income | \$ | 6,597 | \$ | 5,857 | \$ | 12,776 | \$ | 14,824 | | | |
| Depreciation and amortization: | | | | | | | | | | | |
| Medical Device | \$ | 982 | \$ | 288 | \$ | 2,440 | \$ | 852 | | | |
| In Vitro Diagnostics | * | 222 | ÷ | 215 | ~ | 647 | ÷ | 645 | | | |
| Corporate | | 202 | | 191 | | 616 | | 586 | | | |
| Total depreciation and amortization | \$ | 1,406 | \$ | 694 | \$ | 3,703 | \$ | 2,083 | | | |

The Corporate category includes expenses that are not fully allocated to Medical Device and In Vitro Diagnostics segments. These Corporate costs are related to functions, such as executive management, corporate accounting, legal, human resources and Board of Directors. Corporate may also include expenses, such as litigation, which are not specific to a segment and thus not allocated to the operating segments.

Asset information by operating segment is not presented because the Company does not provide its chief operating decision maker assets by operating segment, as the data is not readily available.

16. Commitments and Contingencies

Litigation. From time to time, the Company has been, and may become, involved in various legal actions involving its operations, products and technologies, including intellectual property and employment disputes. The outcomes of these legal actions are not within the Company's complete control and may not be known for prolonged periods of time. In some actions, the claimants seek damages as well as other relief, including injunctions barring the sale of products that are the subject of the lawsuit, which if granted, could require significant expenditures or result in lost revenue. The Company records a liability in the condensed consolidated financial statements for these actions when a loss is known or considered probable and the amount can be reasonably estimated. If the reasonable estimate of a known or probable loss is a range, and no amount within the range is a better estimate, the minimum amount of the range is accrued. If a loss is possible but not known or probable, and can be reasonably estimated, the estimated loss or range of loss is disclosed. In most cases, significant judgment is required to estimate the amount and timing of a loss to be recorded.

InnoRx, Inc. In January 2005, the Company entered into a merger agreement whereby the Company acquired all of the assets of InnoRx, Inc. ("InnoRx"), an early stage company developing drug delivery devices and therapies for the ophthalmology market. The Company will be required to issue up to approximately 480,059 additional shares of its common stock to the stockholders of InnoRx upon the successful completion of the remaining development and commercial milestones involving InnoRx technology acquired in the transaction. The Company has not recorded any accrual for this contingency as of June 30, 2016 as the milestones have not been achieved and the probability of achievement is remote.

InnoCore Technologies BV. In March 2006, the Company entered into a license agreement whereby Surmodics obtained an exclusive license to a drug delivery coating for licensed products within the vascular field which included peripheral, coronary and neurovascular biodurable stent products. The license requires an annual minimum payment of 200,000 euros (equivalent to \$221,660 using a euro to US dollar exchange rate of 1.1083 to the Euro as of June 30, 2016) until the last patent expires which is currently

estimated to be September 2027. The total minimum future payments associated with this license are approximately \$2.7 million. The license is currently utilized by one of the Company's drug delivery customers.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis provides information that we believe is useful in understanding our operating results, cash flows and financial condition. The discussion should be read in conjunction with both the unaudited condensed consolidated financial statements and related notes included in this Form 10-Q and our audited condensed consolidated financial statements and related notes and Management's Discussion and Analysis of Financial Condition and Results of Operations each included in our Annual Report on Form 10-K, and Form 10-K/A as amended on May 10, 2016, for the fiscal year ended September 30, 2015. This discussion contains various "Forward-Looking Statements" within the meaning of the Private Securities Litigation Reform Act of 1995. We refer readers to the statement entitled "Forward-Looking Statements" located at the end of this Item 2.

Overview

On July 11, 2016, we amended our articles of incorporation to change our name from SurModics, Inc., to Surmodics, Inc., which change became effective immediately. The name change was effected by our board of directors.

Surmodics Medical Device segment is a global leader in surface modification technologies for intravascular medical devices. Surmodics In Vitro Diagnostics ("IVD") segment is a leading provider of chemical reagents for *in vitro* diagnostic tests and microarrays. With our investment in our drug-coated balloon platform, as well as our acquisitions of Creagh Medical, Ltd. ("Creagh Medical") and NorMedix, Inc. ("NorMedix") in fiscal 2016, we have been executing on a key growth strategy for our Medical Device segment since fiscal 2013 by expanding to offer total intravascular product solutions to our medical device customers. This strategy will greatly increase our relevance in the industry, and is key to our future growth and profitability, given the ability to capture more revenue with whole-product solutions. Our strategy does not change our focus on our core medical device coatings and IVD businesses. Our aim is to provide customers earlier access to highly differentiated products that address unmet clinical needs, and partner with them on successful commercialization.

In the first nine months of fiscal 2016, we made significant progress on this strategy with the acquisitions of Creagh Medical and NorMedix, as well as the commencement of our first in-human clinical early feasibility study for our Surmodics SurVeilTM drug-coated balloon ("DCB") in April 2016.

In November 2015, we acquired Creagh Medical. We believe that this acquisition brings a state-of-the-art research and development ("R&D") and manufacturing facility offering robust extrusion, balloon-forming, top-assembly, packaging and regulatory capabilities focused on balloon catheters. With the acquisition of Creagh Medical, we now engage in contract research and development, as well as manufacturing of balloons catheters used for a variety of interventional cardiology applications. In January 2016, we acquired NorMedix, a design and development company focused on ultra thin-walled, minimally invasive catheter technologies.

Now part of Surmodics, we believe that these strategic acquisitions combine the best-in-class capabilities of NorMedix's catheter-based technologies, Creagh Medical's percutaneous transluminal angioplasty (PTA) balloon platform capabilities, and Surmodics' innovative coating and drug delivery technologies to develop highly differentiated delivery and therapeutic intravascular solutions. The result is an organization with unique device design and development expertise, rich technology content, manufacturing capabilities, and a state-of-the-art facility equipped for medical device R&D and manufacturing.

In fiscal 2016, our business performance continues to be driven by growth from our core Medical Device and IVD businesses. Revenues in the Medical Device business are driven by hydrophilic coatings royalty revenue, product sales, including balloon catheters and specialty catheter-based technologies, contract coating services and research and development revenue. Medical Device segment revenue grew 35% in the third quarter of fiscal 2016, compared with third quarter of fiscal 2015 resulting from a \$2.9 million catch-up royalty payment owed to the Company by a customer for the period from fiscal 2009 through fiscal 2016. Our In Vitro Diagnostics is driven by product sales of chemical reagent technologies. The In Vitro Diagnostics segment revenue increased 17% in the first nine months of fiscal year 2016 compared with 14% for the same prior-year period as the result of broad-based unit sales gains. We believe our long-term revenue growth in the In Vitro Diagnostics segment is in the mid-single digits.

Operating segments are defined as components of an enterprise about which separate financial information is available that is evaluated regularly by the chief operating decision maker, or decision making group, in deciding how to allocate resources and in assessing performance. For financial accounting and reporting purposes, we report our results for the two reportable segments as follows: (1) the Medical Device unit, which is comprised of surface modification coating technologies to improve access, deliverability, and predictable deployment of medical devices, drug delivery coating technologies to provide site-specific drug delivery from the surface of a medical device, with end markets that include coronary, peripheral, neurovascular and urology, among others; as well as vascular device, catheter and balloon design and manufacturing capabilities, and (2) the In Vitro Diagnostics unit, which consists of component products and technologies for diagnostic immunoassay and molecular tests and biomedical research



applications, with products that include protein stabilization reagents, substrates, antigens and surface coatings. We made this determination based on how we manage our operations and the information provided to our chief operating decision maker who is our Chief Executive Officer.

We derive our revenue from three primary sources: (1) royalties and license fees from licensing our proprietary surface modification and device drug delivery technologies and in vitro diagnostic formats to customers; the vast majority (typically in excess of 90%) of revenue in the "royalties and license fees" category is in the form of royalties; (2) the sale of products including reagent chemicals to licensees and the sale of protein stabilization reagent products, substrates, antigens and surface coatings to the diagnostic and biomedical research markets as well as manufactured medical devices and components; and (3) research and commercial development fees generated on customer projects and contract coating services for medical device customers. Revenue fluctuates from quarter to quarter depending on, among other factors: our customers' success in selling products incorporating our technologies; the timing of introductions of products that compete with our customers' products; the number and activity level associated with customer development projects; the number and terms of new license agreements that are finalized each quarter; and the value of reagent chemicals and other products sold to customers.

We have several U.S. and international issued patents and pending international patent applications protecting various aspects of proprietary surface modification technologies, including compositions, methods of manufacture and methods of coating devices. The expiration dates for these patents and the anticipated expiration dates of the patent applications range from 2015 to 2033. Among these, the third generation of our PhotoLink® hydrophilic technology is protected by a family of patents that expired in November 2015 (in the U.S.) and are expected to expire in October 2016 (in certain other countries). The royalty revenue associated with our third generation technology that has not yet converted, or that is not in the process of converting, to one of our advanced generation technologies was approximately 18% of our fiscal 2015 revenue. Of the revenue generated by the early generation technology, approximately 81% revenue from this earlier generation will continue to generate royalty revenue at a reduced royalty rate beyond the expiration of these patents. The royalty obligation for these customer products extends beyond the expiration of these patents because the license also includes rights to our know-how or other proprietary rights. While we are actively seeking to convert our customers to one of our advanced generations of our hydrophilic coating technology, there can be no assurance that we will be successful in doing so, or that those customers that have converted, or will convert, will sell products utilizing our technology which will generate earned royalty revenue for us.

Overview of Research and Development Activities

We manage our customer-sponsored R&D programs based largely on the requirements of our customers. In this regard, our customers typically establish the various measures and metrics that are used to monitor a program's progress, including key deliverables, milestones, timelines, and an overall program budget. The customer is ultimately responsible for deciding whether to continue or terminate a program, and does so based on research results (relative to the above measures and metrics) and other factors, including their own strategic and/or business priorities. Customer R&D programs are mainly in our Medical Device segment.

Our internal R&D activities are engaged in the exploration, discovery and application of technologies that solve meaningful problems in the diagnosis and treatment of disease. Our key R&D activities include efforts that support and expand our core offerings. These efforts include completing activities that support the development of our coating technologies that enhance drug-coated balloons and the development of proprietary medical devices that integrate our coating, catheter, balloon and other related technologies. In the April 2016, we initiated a first-in-human study using the SurVeil[™] DCB. In addition, in fiscal 2014, we launched new in vitro diagnostic products including a non-corrosive, non-hazardous stop solution for TMB microwell substrates and a protein-free AP stabilizer. In the second quarter of fiscal 2013, we completed development activities and launched our next generation hydrophilic coating platform which is now commercially available under the tradename SereneTM (formerly referred to as Gen 5). We also launched in July 2013 a new in vitro diagnostic product, Stabilizyme® Protein-Free Stabilizer, which focuses on stabilizing biomolecule activity in assay tests. Additional planned activities include initiation of surface modification experiments that improve medical device performance and developing chemistries to support molecular diagnostic applications.

We prioritize our internal R&D programs in our segments based on a number of factors, including a program's strategic fit, commercial impact, potential competitive advantage, technical feasibility, and the amount of investment required. The measures and metrics used to monitor a program's programs vary based on the first-in-human program, and typically include many of the same factors discussed above with respect to our customer R&D programs. We typically make decisions to continue or terminate a program based on research results (relative to the above measures and metrics) and other factors, including our own strategic and/or business priorities, and the amount of additional investment required.

With respect to cost components, R&D expenses consist of labor, materials and overhead costs (for example, utilities, depreciation, and indirect labor) for both customer R&D and internal R&D programs. We manage our R&D organization in a flexible



manner, balancing workloads/resources between customer R&D and internal R&D programs primarily based on the level of customer program activity. Therefore, costs incurred for customer R&D and internal R&D can shift as customer activity increases or decreases.

Critical Accounting Policies

Critical accounting policies are those policies that require the application of management's most challenging subjective or complex judgment, often as a result of the need to make estimates about the effect of matters that are inherently uncertain and may change in subsequent periods. Critical accounting policies involve judgments and uncertainties that are sufficiently likely to result in materially different results under different assumptions and conditions. For the nine months ended June 30, 2016, there were no changes in critical accounting policies other than the additions of the valuation of business combinations as noted below.

Valuation of Business Combinations. The fair value of consideration, including contingent consideration, transferred in acquisitions accounted for as business combinations is first allocated to the identifiable tangible and intangible assets acquired and liabilities assumed based on their estimated fair values at the date of acquisition. Any excess purchase consideration is allocated to goodwill. Further, for those arrangements that involve liability classified contingent consideration, we record on the date of acquisition a liability equal to the discounted fair value of the estimated additional consideration we may be obligated to make in the future. Liability classified contingent consideration is adjusted to its fair value each reporting period through earnings. Acquisition transaction costs are expensed as incurred.

The fair value of identifiable intangible assets requires management estimates and judgments based on market participant assumptions. Using alternative valuation assumptions, including estimated revenue projections, growth rates, cash flows, discount rates, estimated useful lives, and probabilities surrounding the achievement of milestones could result in different fair value estimates of our net tangible and intangible assets and related amortization expense in current and future periods.

Contingent consideration liabilities are remeasured to fair value each reporting period using projected revenues, discount rates, probabilities of payment, and projected payment dates. Increases or decreases in the fair value of the contingent consideration liability can result from changes in the timing and amount of revenue estimates or in the timing or likelihood of achieving value-enhancing milestones, and changes in discount periods and rates. Projected contingent payment amounts are discounted back to the current period using a discounted cash flow model. See further discussion of contingent payments to Creagh Medical and NorMedix below under "Future Investments and Contingent Consideration Related to Acquisitions," of the consolidated condensed financial statements in Part I, Item 1 of this quarterly report.

For a detailed description of our other critical accounting policies, see the notes to the consolidated financial statements included in our Annual Report on Form 10-K for the fiscal year ended September 30, 2015, and as amended May 10, 2016.

Results of Operations – Three and Nine Months Ended June 30

Revenue. Revenue during the third quarter of fiscal 2016 was \$20.0 million, an increase of \$4.1 million, or 25.5%, compared with the third quarter of fiscal 2015. Revenue during the first nine months of fiscal 2016 was \$53.2 million, an increase of \$8.7 million, or 19.5%, compared with the same period in fiscal 2015. The change in revenue, as detailed in the table below, is further explained in the following narrative.

| | Three Moi Jun | nths E e 30, | nded | % | Nine Mon Jun | iths Ei e 30, | nded | % |
|--------------------------------|------------------|-----------------|--------|--------|-----------------|------------------|--------|--------|
| (<u>Dollars in thousands)</u> | 2016 | _ | 2015 | Change | 2016 | _ | 2015 | Change |
| Revenue | | | | | | | | |
| Medical Device | \$ 15,654 | \$ | 11,629 | 34.6% | \$ 39,500 | \$ | 32,827 | 20.3% |
| In Vitro Diagnostics | 4,318 | | 4,285 | 0.8% | 13,712 | | 11,708 | 17.1% |
| Total Revenue | \$ 19,972 | \$ | 15,914 | 25.5% | \$ 53,212 | \$ | 44,535 | 19.5% |

Medical Device. Medical Device revenue was \$15.7 million in the third quarter of fiscal 2016, an increase of 34.6% compared with \$11.6 million for the third quarter of fiscal 2015. Medical Device revenue was \$39.5 million in the first nine months of fiscal 2016, an increase of 20.3% compared with \$32.8 million for the same prior-year period. The \$4.0 million increase in total revenue for the third quarter was attributable to an increase in royalties and license fee revenue resulting from a catch-up payment of \$2.9 million for previously unreported royalties owed to the Company by one customer for the period from fiscal 2009 through fiscal 2016, \$1.2 million in higher sales from acquisitions and \$0.2 million in higher reagent product sales.

The \$6.7 million increase in total revenue for the first nine months ended June 30, 2016 compared to the first nine months ended June 30, 2015 was attributable to \$1.2 million of higher reagent product sales, \$2.8 million in higher sales from acquisitions as well as the increase in royalty revenue as a result of the \$2.9 million catch-up royalty payment discussed above. This amount was partially offset in the first nine months of fiscal 2016 by a reduction in royalties and license fee revenue in the second quarter of fiscal 2016 resulting from an estimated \$1.1 million out-of-period revenue adjustment to correct a cumulative overstatement of royalty revenue, of which \$1.0 million related to years prior to fiscal 2016. The overstatement was not material to any prior periods. During the quarter ended June 30, 2016, the Company entered into a settlement agreement with this customer and agreed to pay the customer at total of \$1.4 million to settle this matter. The additional obligation amount settled was considered to be a change in estimate and was recorded as a reduction of royalty revenue during the quarter ended June 30, 2016.

In Vitro Diagnostics. In Vitro Diagnostics revenue was \$4.3 million in the third quarter of fiscal 2016, an increase of 0.8% compared with \$4.3 million for third quarter of fiscal 2015. In Vitro Diagnostics revenue was \$13.7 million in the first nine months of fiscal 2016, an increase of 17.1% compared with \$11.7 million for the same prior-year period. The increase in the first nine months of fiscal 2016 was the result of unit volume increases in substantially all product lines. In Vitro Diagnostics third quarter fiscal 2016 results included increases in sales of antigens of \$0.2 million and BioFX branded products of \$0.1 million, partially offset by a decrease of \$0.2 million in stabilization products. In Vitro Diagnostics first nine months of fiscal 2016 results included increases in sales of antigens of \$0.9 million, DNA slides of \$0.5 million, stabilization products of \$0.2 million and BioFX branded products of \$0.4 million.

Costs and Operating Expenses

The following is a summary of major costs and expenses as a percent of total revenue:

| | Three Months Ended June 30, | | | | | | | | Nine Months Ended June 30, | | | | | | |
|---|-----------------------------|-------|---------------|-------|------|-------|-------------|-------|----------------------------|--------|-------------|-------|----|--------|--------------------|
| | | 2016 | | | 2015 | | | | 2016 | | | | _ | 201 | 5 |
| (Dollars in thousands) | | mount | % To Rever | | | mount | % T Reve | | Δ. | nount | % T Reve | | , | Amount | % Total Revenue |
| <u></u> | <u></u> | | | | | | Reve | | | | Reve | | | | |
| Product costs | \$ | 2,777 |] | 13.9% | \$ | 2,174 | | 13.7% | \$ | 8,069 | | 15.2% | \$ | 6,031 | 13.5% |
| Research and development | | 4,693 | 2 | 23.5% | | 3,860 | | 24.3% | | 13,195 | | 24.8% | | 11,839 | 26.6% |
| Selling, general and administrative | | 4,483 | 2 | 22.4% | | 3,872 | | 24.3% | | 12,984 | | 24.4% | | 11,387 | 25.6% |
| Acquisition transaction, integration and | | | | | | | | | | | | | | | |
| other costs | | 61 | | 0.3% | | — | | — | | 3,192 | | 6.0% | | — | |
| Acquisition related intangible asset amortization | | 806 | | 4.0% | | 151 | | 0.9% | | 1,940 | | 3.6% | | 454 | 1.0% |
| Contingent consideration accretion expense | | 555 | | 2.8% | | — | | — | | 1,056 | | 2.0% | | | _ |

Product costs. Product costs were \$2.8 million and \$8.1 million in the third quarter and first nine months ended June 30, 2016, or 13.9% and 15.2% of total revenue in each respective period. Product costs were \$2.2 million and \$6.0 million in the third quarter and first nine months ended June 30, 2015, or 13.7% and 13.5% of total revenue in each of the respective prior-year periods. Product gross margins were 63.0% and 64.7%, respectively, in the three and nine months ended June 30, 2016 compared with 67% in the respective prior-year periods. The increase in product costs was largely the result of increased product sales, including the inclusion of product costs related to the acquisition of Creagh Medical. Gross margins in the fiscal 2016 periods were negatively impacted by sales mix as antigens, a product we distribute in our In Vitro Diagnostics Segment, and revenue from our acquisitions were a higher percentage of our sales this year.

Research and development (R&D) expenses. R&D expenses were \$4.7 million and \$13.2 million for the third quarter and first nine months of fiscal 2016, respectively, or 23.5% and 24.8% of total revenue in each respective period, compared with \$3.9 million and \$11.8 million, or 24.3% and 26.6% of total revenue for the respective periods in fiscal 2015. The fiscal 2016 increase in total R&D expenses from fiscal 2015 was primarily the result of higher spending for our DCB development and strategic development activities. We expect R&D expense to increase in the remainder of fiscal 2016 compared with fiscal 2015 as we invest in our whole-products solutions strategy and continue to invest in our DCB development activities. We anticipate fiscal 2016 R&D expense as a percent of revenue will be approximately thirty percent.

Selling, general and administrative (SG&A) expenses. SG&A expenses were \$4.5 million and \$13.0 million for the three months and nine months ended June 30, 2016, respectively, or 22.4% and 24.4% of total revenue for each respective period. SG&A expenses were \$3.9 million and \$11.4 million for the three months and nine months ended June 30, 2015, respectively, or 24.3% and 25.6% of total revenue for each respective period. SG&A expenses increased in fiscal 2016 periods primarily as the result of higher incentive compensation expense as the result of favorable trends in revenue and earnings before income tax, depreciation and

amortization ("EBITDA") from the historical Medical Device and the In Vitro Diagnostics business as well as revenue from acquisitions. We expect fiscal 2016 SG&A expenses as a percent of revenue will be approximately mid-twenty percent of revenue.

Acquisition transaction, integration and other costs. In the third quarter and first nine months of fiscal 2016, we incurred \$0.1 million and \$3.2 million, respectively, in acquisition transaction, integration and other costs related to the fiscal 2016 acquisitions of Creagh Medical and NorMedix. We do not expect to incur significant additional integration cost as we integrate the operations of Creagh Medical and NorMedix.

Acquisition related intangible asset amortization. As part of our acquisitions of Creagh Medical and NorMedix in fiscal 2016, we acquired certain intangible assets which are being amortized over a period of four to 20 years. In addition, for comparison purposes, we have reclassified amortization expense of \$0.2 million and \$0.5 million, from the third quarter and first nine months of fiscal 2015, respectively, to the amortization expense line, which was originally reported in selling, general and administrative expense. The amortization that was reclassified was related to the fiscal 2007 BioFx acquisition. We recorded \$0.8 million and \$1.9 million in amortization expense related to acquisitions in the third quarter and first nine months of fiscal 2016, respectively. The increase is the result of the fiscal 2016 acquisitions of Creagh Medical and NorMedix. Intangible asset amortization, including the Creagh Medical and NorMedix acquisitions, is estimated to be \$2.0 million in fiscal 2016. As the purchase price allocations for these recent transactions are incomplete, this amount may change materially from this estimate.

Contingent consideration accretion expense. For the third quarter and the first nine months of fiscal 2016, we recorded \$0.6 million and \$1.1 million, respectively, of contingent consideration expense related to our contingent consideration liabilities from the Creagh Medical and NorMedix acquisitions, due to the passage of time (i.e. accretion). Based on preliminary purchase price allocations for the Creagh Medical and NorMedix acquisitions, we estimate contingent consideration accretion expense to be approximately \$1.4 million in fiscal 2016. In addition, if there are changes in the amount, probability or timing of achievement of contingent consideration milestones, there may be material adjustments in the statement of income to reflect changes in the fair value of contingent consideration liabilities.

Other income (loss), net. Major classifications of other income, net are as follows:

| | Three Months Ended June 30, | | | | | Nine Months Ended June 30, | | | | |
|-------------------------------|--------------------------------|------|----|------|----|-------------------------------|----|------|--|--|
| (Dollars in thousands) | | 2016 | | 2015 | | 2016 | | 2015 | | |
| Investment income, net | \$ | 19 | \$ | 36 | \$ | 37 | \$ | 149 | | |
| Gain on strategic investments | | 16 | | | | 377 | | | | |
| Foreign exchange gain (loss) | | 234 | | | | (336) | | | | |
| Other (loss) income, net | | (6) | | (40) | | (6) | | 496 | | |
| Other income (loss) , net | \$ | 263 | \$ | (4) | \$ | 72 | \$ | 645 | | |

Other income (loss) was \$0.3 million income in the third quarter and \$0.1 million income in the first nine months of June 30, 2016 compared with less than \$(0.1) million and \$0.6 million in each of the respective periods in fiscal 2015. The foreign exchange gain in the third quarter and loss in the nine months ended June 30, 2016 related to the change in exchange rates associated with the Euro denominated contingent consideration liability from the Creagh Medical acquisition. The other investment capital gain (loss) in the third quarter and nine months ended June 30, 2016 related to the proceeds from the sale of strategic investments. We recorded a gain of \$0.5 million in the nine months ended June 30, 2015 associated with the second quarter sale of our investment in Intersect ENT, Inc.

In fiscal 2015, we liquidated our investment portfolio to support corporate initiatives, and as a result investment income has declined from the fiscal 2016 periods compared to the fiscal 2015 periods presented. During the quarter ended June 30, 2016, we initiated investments in short-term debt securities with an expected maturity of the investment portfolio of nine months.

Income tax provision. The Company recorded income tax provisions of \$2.9 million and \$1.9 million for the three months ended June 30, 2016 and 2015, respectively, representing effective tax rates of 41.6% and 33.0%, respectively. The Company recorded income tax provisions of \$5.5 million and \$4.9 million for the nine months ended June 30, 2016 and 2015, respectively, representing effective tax rates of 42.9% and 31.5%, respectively. The effective income tax rates for the three and nine months ended June 30, 2016 differ from the U.S. federal statutory rate of 35.0% primarily due to transaction costs and contingent consideration accretion associated with the Creagh Medical and NorMedix acquisitions, the domestic production manufacturing deduction and the US federal research and development tax credit. The effective income tax rate for the three months ended June 30, 2016 differs from the three months ended June 30, 2015 primarily due to transaction costs, contingent consideration accretion and foreign currency gains (losses) associated with the fiscal 2016 acquisitions.

For interim income tax reporting, we are required to estimate our annual effective tax rate and apply it to year-to-date pretax income/loss excluding unusual or infrequently occurring discrete items. Tax jurisdictions with losses for which tax benefits cannot be realized are excluded. We expect our reported effective tax rate in fiscal 2016 will range from 48.0% to 51.0%. The increase in expected full year of the tax rate as compared to the third quarter of fiscal 2016 effective tax rate, including discrete items, is primarily the result of including tax jurisdictions with losses for which tax benefits cannot be realized in the full year effective tax rate.

Segment Operating Results

Operating income for each of our reportable segments is as follows:

| | Т | Months Ended June 30, | | Nine Months Ended June 30, | | | | |
|--------------------------------|-------------|------------------------------|-------------|-------------------------------|---------|----|---------|-------------|
| (<u>Dollars in thousands)</u> | 2016 | 2015 | % Change | | 2016 | | 2015 | % Change |
| Operating income: | | | | | | | | |
| Medical Device | \$ 6,673 | \$ 6,295 | 6.0% | \$ | 12,825 | \$ | 16,507 | (22.3)% |
| In Vitro Diagnostics | 1,673 | 1,191 | 40.5% | | 5,298 | | 3,220 | 64.5% |
| Total segment operating income | 8,346 | 7,486 | | | 18,123 | | 19,727 | |
| Corporate | (1,749) | (1,629) | 7.4% | | (5,347) | | (4,903) | 9.1% |
| Total operating income | \$ 6,597 | \$ 5,857 | 12.6% | \$ | 12,776 | \$ | 14,824 | (13.8)% |

Medical Device. Operating income was \$6.7 million in the third quarter of fiscal 2016, compared with \$6.3 million in the third quarter of fiscal 2015. Operating income was \$12.8 million in the first nine months of fiscal 2016, compared with \$16.5 million in the first nine months of fiscal 2015. Revenue for the third quarter of fiscal 2016 includes a catch-up payment of \$2.9 million for previously unreported royalties owed to the Company by one customer for the period from fiscal 2009 through fiscal 2016. This amount was partially offset in the first nine months of fiscal 2016 by a reduction in royalties and license fee revenue in the second quarter of fiscal 2016 resulting from an estimated \$1.1 million out-of-period revenue adjustment to correct a cumulative overstatement of royalty revenue, of which \$1.0 million related to years prior to fiscal 2016. The overstatement was not material to any prior periods. During the quarter ended June 30, 2016, the Company entered into a settlement agreement with this customer and agreed to pay the customer \$1.4 million to settle this matter. The additional obligation amount settled was considered to be a change in estimate and was recorded as a reduction of royalty revenue during the quarter ended June 30, 2016. Operating income as a percentage of revenue was 42.5% and 54.1% in the third quarter of fiscal 2016 and 2015, respectively, and 32.4% and 50.3% in the first nine months of fiscal 2016 and 2015, respectively. Operating income was positively impacted by revenue gains, but was offset by transaction, integration, amortization, and contingent consideration accretion of \$0.6 million and \$4.2 million, respectively, in the quarter and nine months ended June 30, 2016 associated with the Creagh Medical and NorMedix acquisitions.

In Vitro Diagnostics. Operating income was \$1.7 million in the third quarter of fiscal 2016, compared with \$1.2 million in the third quarter of fiscal 2015. Operating income was \$5.3 million in the first nine months of fiscal 2016, compared with \$3.2 million in the first nine months of fiscal 2015. Product sales increased \$0.1 million and \$2.0 million in the third quarter and first nine months of fiscal 2016, respectively. Related product gross margins were 63.5% and 63.9% in the third quarter and first nine months of fiscal 2016, respectively. Related product gross margins were 63.5% and 63.9% in the third quarter and first nine months of fiscal 2016, respectively. Related product gross margins were 63.5% and 63.9% in the third quarter and first nine months of fiscal 2016, respectively, as compared to 65.5% and 65.1% in the third quarter and first nine months of fiscal 2015, respectively. Product gross margins decreased as a result of sales mix, as antigens, a product that we distribute, had proportionately higher sales as compared with the prior-year period. The sales mix impact on gross margins more than offset improved manufacturing leverage on other products as the result of improved volumes. In Vitro Diagnostics' direct expenses in both the third quarter and first nine months of fiscal 2016, respectively, compared with the same periods fiscal 2015 driven by lower legal expenses. Allocated corporate expenses were relatively unchanged in the third quarter and the first nine months of fiscal 2016 compared with the third quarter and first nine months of fiscal 2015. The operating income as a percentage of revenue was 38.7% and 38.6% in the third quarter and first nine

months of fiscal 2016, respectively, compared with 27.8% and 27.5% for the same prior-year periods. The improvement in operating margin in the fiscal 2016 period is a result of reduced legal costs.

Corporate. The Corporate category includes expenses for administrative corporate functions, such as executive, corporate accounting, legal, human resources and Board of Directors related fees and expenses, which have not been fully allocated to the Medical Device and In Vitro Diagnostics segments. Corporate also includes expenses, such as litigation, which are not specific to a segment and thus not allocated to our operating segments. The unallocated Corporate operating loss was \$1.7 million and \$1.6 million in the three months ended June 30, 2016 and 2015, respectively. The unallocated Corporate operating loss was \$5.3 million and \$4.9 million in the nine months ended June 30, 2016 and 2015, respectively.

Liquidity and Capital Resources

As of June 30, 2016, we had working capital of \$46.0 million, a decrease of \$17.1 million from September 30, 2015. Working capital is defined by us as current assets minus current liabilities. The decrease from the prior-year end is a result of several factors including an increase in investing activities, partially offset by cash provided by operating activities. Our cash and cash equivalents totaled \$34.7 million at June 30, 2016, a decrease of \$20.9 million from \$55.6 million at September 30, 2015, principally associated with cash flow from operating activities of \$18.5 million offset by the \$25.1 million initial net cash payments related to our acquisitions of Creagh Medical and NorMedix, \$4.9 million of plant and equipment expenditures, as well as, our investments in available-for-sale securities of \$9.5 million during the first nine months of fiscal 2016.

The Company's investment policy excludes ownership of collateralized mortgage obligations, mortgage-backed derivatives and other derivative securities without prior written approval of the Board of Directors. Our investment policy requires that for investments with a duration of greater than one year, no more than 5% of investments be held in any one credit or issue, excluding U.S. government and government agency obligations. The primary investment objective of the portfolio is to provide for the safety of principal and appropriate liquidity. Management plans to continue to direct its investment advisors to manage the Company's securities investments primarily for the safety of principal for the foreseeable future as it continues to assess other investment opportunities and uses of its cash and securities investments, including those described below.

On November 4, 2013, we entered into a three-year \$20.0 million secured revolving credit facility. On November 5, 2014, the credit facility was amended and modified to increase the size of stock repurchases that may be effected by the Company up to \$30.0 million without the consent of the lender. During the year ended September 30, 2015, the Company repurchased \$20.0 million of common stock. On November 20, 2015, the credit facility was further amended and modified to replenish the size of stock repurchases that may be effected by the Company up to \$30.0 million without the consent of the lender. Borrowings under the credit facility, if any, will bear interest at a benchmark rate plus an applicable margin based on the Company's leverage ratio. No borrowings have been made on the credit facility and the Company is in compliance with the financial covenants related to a maximum leverage ratio and a minimum earnings before interest, income taxes, depreciation and amortization ("EBITDA") amount, and the nonfinancial covenants.

On July 31, 2014, we filed a registration statement with the Securities and Exchange Commission, using a "shelf" registration process. Under this shelf process we may sell, either separately or together, debt securities, preferred stock, depositary shares, common stock and security warrants in one or more offerings up to an aggregate initial offering price of \$175 million. As of June 30, 2016, we have not completed any securities offerings associated with the registration statement.

We generated cash flows from operating activities from continuing operations of approximately \$18.5 million and \$12.1 million in the nine months ended June 30, 2016 and 2015, respectively. The following table depicts our cash flows provided by operating activities from continuing operations:

| | Nine Months Ended June 30, | | | | | | | |
|---|-------------------------------|--------|----|---------|--|--|--|--|
| (Dollars in thousands) | | 2016 | | 2015 | | | | |
| Net income | \$ | 7,341 | \$ | 10,590 | | | | |
| Depreciation and amortization | | 3,703 | | 2,083 | | | | |
| Stock-based compensation | | 2,729 | | 1,841 | | | | |
| Contingent consideration accretion and unrealized foreign | | | | | | | | |
| exchange loss | | 1,369 | | | | | | |
| Deferred taxes | | 2 | | 450 | | | | |
| Net other operating activities | | (445) | | (974) | | | | |
| Net change in other operating assets and liabilities | | 3,816 | | (1,914) | | | | |
| Net cash provided by operating activities | \$ | 18,515 | \$ | 12,076 | | | | |

Operating Activities. Net cash flow from operating activities has provided us with significant sources of liquidity. We generated cash flows from operating activities of \$18.5 million and \$12.1 million for the first nine months of fiscal 2016 and 2015, respectively. During the first nine months of fiscal 2016, operating cash flow was primarily generated by net income as adjusted for non-cash expenses (benefits) for depreciation and amortization, stock-based compensation, contingent consideration, unrealized foreign exchange loss on Euro denominated contingent consideration and deferred taxes and reduced by net other operating activities, which includes the excess tax benefit from stock-based compensation. Net income in the first nine months of fiscal 2016 was negatively impacted by increased integration costs, intangible amortization, contingent consideration. Sociated with the Creagh Medical and NorMedix acquisitions, as well as unrealized foreign exchange loss from Creagh Medical contingent consideration. Cash flow from other operating assets and liabilities improved by \$3.8 million in the first nine months of fiscal 2016 as cash flow from customer collections increased by \$2.0 million associated with timing of cash receipts net of the impacts of increased revenue, and the timing of payable and accrual payments contributed \$0.7 million to the increase, along with an increase of \$1.1 million attributable to changes in balances of income taxes, inventory and prepaid and other.

Investing Activities. We used cash in investing activities of \$39.1 million in the first nine months of fiscal 2016 compared with cash provided in investing activities of \$18.4 million in the first nine months of fiscal 2015. We acquired Creagh Medical and NorMedix in the first nine months of fiscal 2016 for \$25.1 million of net cash. In connection with the Creagh Medical acquisition we also assumed debt, of which \$0.8 million was prefunded but not defeased, which was repaid in the third quarter of fiscal 2016. We also incurred \$9.1 million of contingent consideration with a \in 12 million face value that is payable, if earned, in the quarter ended December 31, 2018. In connection with the NorMedix acquisition, we incurred an initial contingent consideration with a fair value of \$3.5 million (\$7.0 million face value) that is payable as earned through September 30, 2019. We invested \$4.9 million in property and equipment in the first nine months of fiscal 2016, compared with \$0.4 million in the prior-year period. We anticipate spending \$3.2 million to \$4.2 million for the remainder of fiscal 2016, which includes significant investments associated with our DCB and strategic initiatives. In the first nine months of fiscal 2015, we invested less than \$0.1 million of cash associated with our discontinued operations.

Financing Activities. We used cash in financing activities of \$0.3 million and \$19.9 million in the first nine months of fiscal 2016 and 2015, respectively. In the first nine months of fiscal 2016, we paid contingent consideration of \$0.3 million related to an acquisition in our IVD segment in fiscal 2015 and used cash of \$0.4 million to purchase common stock to pay employee taxes resulting primarily from the issuance of common shares associated with our fiscal 2013-2015 performance share program. Fiscal 2015 activity includes an accelerated share repurchase program initiated in the first quarter which is more fully described in the paragraphs below. We also used cash of \$0.8 million in the first nine months of fiscal 2015 to purchase common stock to pay employee taxes resulting primarily from the issuance of common stock to pay employee taxes resulting primarily for purchase common stock to pay employee taxes resulting primarily for purchase common stock to pay employee taxes resulting primarily for purchase common stock to pay employee taxes resulting primarily for purchase common stock to pay employee taxes resulting primarily for purchase common stock to pay employee taxes resulting primarily from the issuance of common shares associated with our fiscal 2012-2014 performance share program.

Discontinued Operations. Our Pharmaceuticals discontinued operations used operating cash of less than \$0.1 million in the first nine months of fiscal 2015. Cash generated from financing activities of less than \$0.1 million in the first nine months of fiscal 2015 related to transfers of cash from continuing operations of Surmodics and consisted of cash used to make payments on accrual balances. There is no discontinued operations activity in fiscal 2016.

Customer Concentrations. Our licensed technologies provide royalty revenue, which represents the largest revenue stream to the Company. We have licenses with a diverse base of customers and certain customers have multiple products using our technology. Medtronic plc ("Medtronic") was our largest customer comprising 29% of our consolidated revenue for fiscal 2015 and now

comprises 26% of our consolidated revenue for the first nine months of fiscal 2016. Medtronic has several separately licensed products that generate royalty revenue for Surmodics, none of which represented more than 5% of Surmodics' total revenue. No other individual customer using licensed technology constitutes more than 10% of Surmodics' total revenue.

Share Purchase Activity

On November 11, 2014, the Company entered into an accelerated share repurchase ("ASR") program with Wells Fargo Bank, National Association. In connection with this agreement, the Company made a \$20.0 million payment to the bank and immediately received an initial delivery of 758,143 shares of its common stock with a fair value of \$16.0 million as of the purchase date. Effective as of the date of the initial share purchase, the transaction was accounted for as a share retirement, resulting in a reduction of common stock of less than \$0.1 million, additional paid-in capital of \$2.5 million and retained earnings of \$13.5 million. The remaining \$4.0 million of the Company's payment was also reported as a reduction in retained earnings. The specific number of shares that the Company ultimately purchased under the ASR agreement was based on the volume weighted average price ("VWAP") of the Company's common stock during the purchase period, less an agreed upon discount. In the aggregate, the Company purchased 847,864 shares under the ASR program for an average price of \$23.59 per share. Based on the facts associated with the agreement, the forward contract was indexed to the Company's common stock and met the U.S. GAAP requirements to be classified as permanent equity as of July 8, 2015, the date the ASR was completed.

On November 6, 2015, the Company's Board of Directors authorized the repurchase of up to an additional \$20.0 million of the Company's outstanding stock in open-market purchases, privately negotiated transactions, block trades, accelerated share repurchase transactions, tender offers or by any combination of such methods. With this authorization, the Company may currently repurchase up to \$30.0 million of its outstanding stock. The authorization has no fixed expiration date.

Future Investments and Contingent Consideration Related to Acquisitions

On November 20, 2015, the Company acquired 100% of the outstanding common shares and voting shares of Creagh Medical located in Ballinasloe, Ireland. The results of Creagh Medical's operations have been included in the Company's condensed consolidated financial statements as of the Creagh Medical acquisition date. The acquisition was financed with cash on hand. The Company acquired Creagh Medical for up to \leq 30 million (approximately \$32.1 million as of acquisition date), including an upfront payment of ϵ 18 million (approximately \$19.3 million as of the acquisition date), including assumed debt, and up to ϵ 12 million (approximately \$12.8 million as of acquisition date) based on achievement of revenue and value-creating operational milestones through September 30, 2018. The payment of the milestones will occur in the quarter ending December 31, 2018. The ϵ 12 million contingent consideration related to the Creagh Medical acquisition is denominated in Euros and not hedged. The Company recorded a \$0.2 million and \$(0.3) million foreign currency exchange loss (gain) in the third quarter and first nine months of fiscal 2016, respectively, related to this contingent consideration.

On January 8, 2016, the Company acquired 100% of the shares of NorMedix, based in Plymouth, Minnesota. The acquisition was financed with cash on hand. The Company acquired NorMedix for up to \$14.0 million, including an upfront payment of \$7.0 million, and up to \$7.0 million based on achievement of revenue and value-creating operational milestones through September 30, 2019.

We believe these strategic acquisitions combine the best-in-class capabilities of NorMedix's catheter-based technologies, Creagh Medical's PTA balloon platform capabilities, and Surmodics' innovative coating and drug delivery technologies to develop highly differentiated delivery and therapeutic intravascular solutions. The result is an organization with unique device design and development expertise, rich technology content, manufacturing capabilities, and a state-of-the-art facility equipped for medical device R&D and manufacturing.

We believe that our existing cash and cash equivalents, which totaled \$34.7 million as of June 30, 2016, together with cash flow from operations, our \$20.0 million credit facility and \$175.0 million shelf registration statement, will provide liquidity sufficient to meet our cash needs and fund our operations for the next twelve months. There can be no assurance, however, that Surmodics' business will continue to generate cash flows at current levels, and disruptions in financial markets may negatively impact our ability to access capital in a timely manner and on attractive terms. Our anticipated liquidity needs for the remainder of fiscal 2016 may include, but are not limited to, the following: general capital expenditures in the range of \$3.2 million to \$4.2 million and \$30.0 million associated with the potential usage of the remaining authorized amount available for share repurchases discussed previously and payments, if any, associated with the NorMedix contingent consideration.

Off-Balance Sheet Arrangements

As of June 30, 2016, the Company did not have any off-balance sheet arrangements with any unconsolidated entities.

Forward-Looking Statements

This Quarterly Report on Form 10-Q, including "Management's Discussion and Analysis of Financial Condition and Results of Operations" in Item 2, contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements include expectations concerning our growth strategy, including our ability to sign new license agreements and broaden our hydrophilic coatings royalty revenue, product development programs, various milestone achievements, research and development expenses, selling, general and administrative expenses, future cash flow and sources of funding, short-term liquidity requirements, future property and equipment investment levels, the impact of potential lawsuits or claims, the impact of Medtronic, as well as other significant customers, including new diagnostic kit customers, our ability to recognize the expected benefits or the expected costs of our recent acquisitions and our development of the Surmodics SurVeilTM Drug Coated Balloon on any particular time frame. Without limiting the foregoing, words or phrases such as "anticipate," "believe," "could," "estimate," "expect," "forecast," "intend," "may," "plan," "possible," "project," "will" and similar terminology, generally identify forward-looking statements. Forward-looking statements may also represent challenging goals for us. These statements, which represent the Company's expectations or beliefs concerning various future events, are based on current expectations that undue reliance should not be placed on such forward-looking statements, which speak only as of the date made. Some of the factors which could cause results to differ from those expressed in any forward-looking statement are set forth under "Risk Factors" in Part I, Item 1A of our Annual Report on Form 10-K for the fiscal year ended September 30, 2015. We disclaim any intent or obligation to update publicly these forward-looking statements, whether because of new information, future events or otherwise.

Although it is not possible to create a comprehensive list of all factors that may cause actual results to differ from our forward-looking statements, such factors include, among others:

- our reliance on a small number of significant customers, including our largest customer, Medtronic, which causes our financial results and stock price to be subject to factors affecting those significant customers and their products, the timing of market introduction of their or competing products, product safety or efficacy concerns and intellectual property litigation could adversely affect our growth strategy and the royalty revenue we derive;
- general economic conditions which are beyond our control, such as the impact of recession, customer mergers and acquisitions, business investment and changes in consumer confidence;
- a decrease in our available cash could impact short-term liquidity requirements and expected capital and other expenditures;
- the difficulties and uncertainties associated with the lengthy and costly new product development and foreign and domestic regulatory approval processes, such as delays, difficulties or failures in achieving acceptable clinical results or obtaining foreign or U.S. Food and Drug Administration marketing clearances or approvals, which may result in lost market opportunities or postpone or preclude product commercialization by licensees or ourselves;
- the development of new products or technologies by competitors, technological obsolescence and other changes in competitive factors;
- our ability to successfully develop, obtain regulatory approval for, and commercialize our Surmodics SurVeil™ Drug Coated Balloon product;
- our ability to perform successfully certain product development activities, the related R&D expense impact and governmental and regulatory compliance activities which we have not previously undertaken in any significant manner;
- our ability to successfully convert our customers from an early generation of our PhotoLink[®] hydrophilic technology protected by a family of patents which expired in November 2015 (in the U.S.) and are expected to expire in October 2016 (in certain other countries) to one of our advanced generation technologies and to offset any decline in revenues from customers that we are unlikely to convert;
- the process of integrating our domestic acquisition of NorMedix and our first international acquisition of Creagh Medical, a company based in Ballinasloe, Ireland, into our operations poses numerous risks, including an inability to assimilate acquired operations, personnel, technology, information systems, and internal control systems and products; a lack of understanding of tax, legal and cultural differences; foreign currency exchange losses in the case of Creagh Medical; and diversion of management's attention; and
- other factors described in "Risk Factors" and other sections of Surmodics' Annual Report on Form 10-K and Form 10-K/A for the fiscal year ended September 30, 2015, which you are encouraged to read carefully.

Many of these factors are outside the control and knowledge of us, and could result in increased volatility in period-to-period results. Investors are advised not to place undue reliance upon our forward-looking statements and to consult any further disclosures by us on this subject in our filings with the SEC.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Our investment policy requires investments with high credit quality issuers and limits the amount of credit exposure to any one issuer. Our investments consist principally of interest-bearing corporate debt securities with varying maturity dates, which are less than one year. Because of the credit criteria of our investment policies, the primary market risk associated with these investments is interest rate risk. We do not use derivative financial instruments to manage interest rate risk or to speculate on future changes in interest rates. As of June 30, 2016, we held \$9.5 million in available-for-sale securities, therefore interest rate fluctuations would have an insignificant impact on the results of operations or cash flows. Our policy also allows the Company to hold a substantial portion of funds in cash and cash equivalents, which are defined as financial instruments with original maturities of three months or less and may include money market instruments, certificates of deposit, repurchase agreements and commercial paper instruments.

Management believes that a reasonable change in raw material prices would not have a material impact on future earnings or cash flows because the Company's inventory exposure is not material.

Prior to the acquisition of Creagh Medical in November 2015, substantially all sales transactions were denominated in U.S. dollars including the sale of products and the reporting of royalty revenue. We generate royalty revenue from the sale of customer products in foreign jurisdictions. Royalties generated in foreign jurisdictions by customers are converted and paid in U.S. dollars per contractual terms. Given the diverse nature of our customers' products and international operations, changes in foreign currencies are not expected to materially impact our operating results. A limited number of our purchasing transactions are denominated in foreign currencies and they are converted to U.S. dollars. These purchasing transactions are not material to our operating results. With the Creagh Medical acquisition, we are exposed to increasing Euro currency risk with respect to future revenue, costs and cash flows from our foreign currency and operations. Further, we are subject to foreign currency risk associated with the payment of up to \pounds 12 million of Creagh Medical contingent consideration in approximately December 2018. For the first nine months of fiscal 2016, we have recorded a foreign currency exchange loss of \$0.3 million related to this future payment. A 10% increase or decrease in the U.S. Dollar to Euro exchange rate could have a \$1.3 million impact on this payment based on the exchange rate as of June 30, 2016. To date, we have not entered into any foreign currency forward exchange contracts or other derivative financial instruments to hedge the effects of fluctuations in foreign currency exchange.

Item 4. Controls and Procedures

Disclosure Controls and Procedures

The Company maintains disclosure controls and procedures as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The Company's management, under the supervision and with the participation of the Company's Chief Executive Officer and Chief Financial Officer, carried out an evaluation of the effectiveness of the design and operation of the Company's disclosure controls and procedures as of June 30, 2016. Based on that evaluation, the Company's Chief Executive Officer and Chief Financial Officer concluded that the Company's disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act) were not effective as of June 30, 2016 due to the material weakness in internal control over financial reporting described below.

Material Weakness in Internal Control over Financial Reporting

In April 2016, the Company concluded that its internal control over financial reporting as of September 30, 2015 was not effective due to a material weakness in the design and operating effectiveness of its transactional and review controls related to recognition of royalty revenue. This material weakness has not been remediated as of June 30, 2016. A material weakness is a deficiency, or combination of deficiencies, in internal control over financial reporting such that there is reasonable possibility that a material misstatement of the Company's annual or interim financial statements will not be prevented or detected on a timely basis. Because the deficiencies related to the Company's controls over recognition of royalty revenue could result in a misstatement of royalty revenue and related accounts and disclosures that could be material to the annual or interim consolidated financial statements, such deficiencies represent a material weakness in our internal control over financial reporting.

Notwithstanding the material weakness in our internal control over financial reporting, we have concluded that the interim condensed consolidated financial statements and other financial information included in this Quarterly Report on Form 10-Q, fairly present in all material respects our financial condition, results of operations and cash flows as of, and for, the periods presented.



The foregoing has been approved by our management, including our Chief Executive Officer and Chief Financial Officer, who have been involved with the reassessment and analysis of our internal control over financial reporting.

Changes in Internal Controls over Financial Reporting

There were no changes in our internal control over financial reporting (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) during the three months ended June 30, 2016 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Status of Material Weakness Remediation

With oversight from the Audit Committee, the Company's management has designed and has implemented or will implement changes in processes and controls to remediate the material weakness described above and enhance the Company's internal control over financial reporting as follows:

- Established quarterly meetings of a cross-functional team from business development, accounting and legal to review and evaluate license agreements and royalty revenues, including royalty revenue reported by customers compared to expectations, new licenses and amendments, licenses impacted by expired or expiring patents, non-routine royalty revenue, status of current customer inquiries related to reported royalty revenue, and unpaid royalties, to identify circumstances that could impact recognition of royalty revenue.
- Enhanced the evaluation of royalties reported and/or paid by customers to determine proper revenue to be recognized based on terms of the license agreement, including the information provided to accountants responsible for recording royalty revenue.
- Augmented proactive communications with customers related to patent expirations, license terms, license utilization, changes within customer business processes and licensed technology utilization.
- Established a periodic confirmation process whereby the Company requests customers to assert that they have used the correct royalty rate on a complete and accurate sale base.
- Established monitoring and review of customer license agreements that are identified by business development, legal or accounting for investigation or inquiry with the customer to evaluate the accuracy of royalty amounts reported based on the license agreement and customer utilization of the Company's technology.

The Company believes the remediation measures will strengthen the Company's internal control over financial reporting and remediate the material weakness identified. These additional control procedures have not been fully implemented or, if implemented, have not operated for an appropriate amount of time to determine their operational effectiveness and as such, the Company has determined that the material weakness has not been remediated as of June 30, 2016. We will continue to monitor the effectiveness of these remediation measures and will make changes and take other action that are appropriate given the circumstances.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings

There have been no material developments in the legal proceedings previously disclosed in the Company's Form 10-K for the fiscal year ended September 30, 2015.

Item 1A. Risk Factors

With the exception of the risk factor set forth below, there have been no other material changes in our risk factors from those disclosed in "Part I, Item 1A. Risk Factors" of our report on Form 10-K for the fiscal year ended September 30, 2015, filed with the SEC on December 4, 2015:

We have identified a material weakness in our internal control over financial reporting. If we do not maintain effective internal control over financial reporting, our operating results could require material modification and our financial reports may not be reliable.

As described in "Part II, Item 9A. Controls and Procedures." of our report on Form 10-K/A for the fiscal year ended September 30, 2015, filed with the SEC on May 10, 2016, a material weakness related to the design and operating effectiveness of our transactional and review controls related to recognition of royalty revenue existed as of September 30, 2015. This material weakness was not remediated as of June 30, 2016. As of the end of the period covered by this report, the Company conducted an evaluation under the supervision and with the participation of the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer regarding the effectiveness of the design and operation of the Company's disclosure controls and procedures pursuant to Rule 13a-15(b) of the Exchange Act. Based upon that evaluation and because of the material weakness noted above, the Chief Executive Officer and Chief Financial Officer concluded that the Company's disclosure controls and procedures were not effective as of June 30, 2016. The current status of the material weakness remediation can be found in Part I Item 4. of this Form 10-Q.

Although we are committed to continuing to improve our internal control processes to ensure the adequacy of the internal controls over financial reporting, any control system, regardless of how well designed, operated and evaluated, can provide only reasonable, not absolute, assurance that its objectives will be met. Therefore, we cannot be certain that, in the future, additional material weaknesses or significant deficiencies will not exist or otherwise be discovered. If our efforts to address the material weakness identified are not successful, or if other deficiencies occur, these weaknesses or deficiencies could result in misstatements of our results of operations, a restatement of our financial statements for one or more prior periods, a decline in our stock price and investor confidence or other material effects on our business, reputation, results of operations, financial condition or liquidity.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

(c) Issuer Purchases of Equity Securities

The following table presents information with respect to purchases of common stock of the Company made during the three months ended June 30, 2016, by the Company or on behalf of the Company or any "affiliated purchaser" of the Company, as defined in Rule 10b-18(a)(3) under the Exchange Act.

| Period | Total Number of Shares Purchased | Average Price Paid per Share | Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs | voximate Dollar Value of Shares That May Yet Be Purchased Under the Plans or Programs(1) |
|------------------|--|------------------------------------|---|---|
| 4/1/16 — 4/30/16 | | N/A | | \$ 30,000,000 |
| 5/1/16 — 5/31/16 | | N/A | | \$ 30,000,000 |
| 6/1/16 — 6/30/16 | _ | N/A | _ | \$ 30,000,000 |
| Total | | N/A | | \$ 30,000,000 |

(1) On November 6, 2015, the Company's Board of Directors authorized the repurchase of up to an additional \$20.0 million (fiscal 2016 authorization) of the Company's outstanding common stock in open-market purchases, privately negotiated transactions, block trades, accelerated share repurchase transactions, tender offers or by any combination of such methods. The authorization has no fixed expiration date.

As of June 30, 2016, the Company has an aggregate of \$30 million available for future common stock repurchases under the fiscal 2015 authorization and the fiscal 2016 authorization.

Item 3. Defaults Upon Senior Securities

None.

Item 4. Mine Safety Disclosures

Not Applicable.

Item 5. Other Information

None.

Item 6. Exhibits

| Exhibit | Description |
|-----------|---|
| 3.1* | Restated Articles of Incorporation, as amended. |
| 3.2 | Restated Bylaws of Surmodics, Inc., as amended December 18, 2015 – incorporated by reference to Exhibit 3.2 of the Company's Current Report on Form 8-K filed on December 23, 2015. |
| 10.1* | Fifth Amendment to Credit Agreement dated May 9, 2016 by and between Surmodics, Inc. and Wells Fargo Bank, National Association. |
| 10.2* | Sixth Amendment to Credit Agreement dated June 2, 2016 by and between Surmodics, Inc. and Wells Fargo Bank, National Association. |
| 10.3* | Real Estate Purchase Agreement for Property at Ida Business Park, Ballinasloe, Co. Galway, among Creagh Medical Limited, a wholly- owned subsidiary of Surmodics, Inc., Gerry Barrett, Brian Conneely, and Noel Dillon dated as of May 25, 2016. |
| 12* | Computation of Ratio of Earnings to Fixed Charges. |
| 31.1* | Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 31.2* | Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 32.1* | Certification of Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 32.2* | Certification of Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 101* | Financial statements from the Quarterly Report on Form 10-Q for Surmodics, Inc. for the quarterly period ended June 30, 2016, filed on July 29, 2016, formatted in Extensible Business Reporting Language (XBRL): (i) Condensed Consolidated Balance Sheets, (ii) Condensed Consolidated Statements of Income, (iii) Condensed Consolidated Statements of Comprehensive Income, (iv) Condensed Consolidated Statements of Cash Flows, and (v) Notes to Condensed Consolidated Financial Statements. |
| * Filed h | erewith |

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

July 29, 2016

Surmodics, Inc.

By: /s/ Andrew D.C. LaFrence Andrew D.C. LaFrence Vice President of Finance and Chief Financial Officer (duly authorized signatory and principal financial officer)

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 EXHIBIT INDEX TO FORM 10-Q For the Quarter Ended June 30, 2016 SURMODICS, INC.

| Exhibit | Description |
|-----------|---|
| 3.1* | Restated Articles of Incorporation, as amended. |
| 3.2 | Restated Bylaws of Surmodics, Inc., as amended November 30, 2009 – incorporated by reference to Exhibit 3.2 of the Company's Quarterly Report on Form 10-Q for the quarter ended December 31, 2009, SEC File No. 0-23837. |
| 10.1* | Fifth Amendment to Credit Agreement dated May 9, 2016 by and between Surmodics, Inc. and Wells Fargo Bank, National Association. |
| 10.2* | Sixth Amendment to Credit Agreement dated June 2, 2016 by and between Surmodics, Inc. and Wells Fargo Bank, National Association. |
| 10.3* | Real Estate Purchase Agreement for Property at Ida Business Park, Ballinasloe, Co. Galway, among Creagh Medical Limited, a wholly- owned subsidiary of Surmodics, Inc., Gerry Barrett, Brian Conneely, and Noel Dillon dated as of May 25, 2016. |
| 12* | Computation of Ratio of Earnings to Fixed Charges. |
| 31.1* | Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 31.2* | Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 32.1* | Certification of Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 32.2* | Certification of Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 101.INS* | XBRL Instance Document |
| 101.SCH* | XBRL Taxonomy Extension Schema Document |
| 101.CAL* | XBRL Taxonomy Extension Calculation Linkbase Document |
| 101.DEF* | XBRL Taxonomy Extension Definition Linkbase Document |
| 101.LAB* | XBRL Taxonomy Extension Label Linkbase Document |
| 101.PRE* | XBRL Taxonomy Extension Presentation Linkbase Document |
| * Filed b | perovith |

* Filed herewith

38

RESTATED ARTICLES OF INCORPORATION OF BIO-METRIC SYSTEMS, INC.

We, the undersigned, DALE R. OLSETH and DAVID R. BUSCH, the Chairman/President/Chief Executive Officer and Secretary, respectively, of Bio-Metric Systems, Inc., a Minnesota corporation, do hereby certify that at a special meeting of the shareholders of Bio-Metric Systems, Inc. held on April 10, 1989, notice of such meeting having been mailed to each shareholder entitled to vote thereon at least ten (10) days prior to such meeting, the shareholders, by at least a majority of the voting power of the shares of Voting Common Stock, present in person or by proxy, adopted resolutions to restate the Articles of Incorporation of Bio-Metric Systems, Inc. as set forth below.

ARTICLE 1-NAME

1.1) The name of the corporation shall be BIO-METRIC SYSTEMS, INC.

ARTICLE 2—REGISTERED OFFICE

2.1) The registered office of the corporation is located at 9942 West 74th Street, Eden Prairie, Minnesota 55344.

ARTICLE 3-CAPITAL STOCK

3.1) <u>Authorized Shares; Establishment of Classes and Series</u>. The aggregate number of shares which the corporation shall have the authority to issue shall be 5,500,000 shares, 5,000,000 of which shall be designated Voting Common Stock, \$.05 par value; 50,000 of which shall be designated Nonvoting Common Stock, \$.05 par value; and 450,000 of which shall be designated Series A Convertible Preferred Stock, \$.05 par value, (hereinafter referred to as the "Preferred Stock"). The Common Stock and Preferred Stock are hereinafter referred to collectively as the "Capital Stock".

3.2) <u>Issuance of Shares</u>. The Board of Directors of the corporation is authorized from time to time to accept subscriptions for, issue, sell and deliver shares of Capital Stock of the corporation to such persons, at such times and upon such terms and conditions as the Board shall determine, valuing all nonmonetary consideration and establishing a price in money or other consideration, or a minimum price, or a general formula or method by which the price will be determined.

3.3) <u>Issuance of Rights to Purchase Shares</u>. The Board of Directors is further authorized from time to time to grant and issue rights to subscribe for, purchase, exchange securities for, or convert securities into, shares of Capital Stock, and to fix the terms, provisions and conditions of such rights, including the exchange or conversion basis or the price at which such shares may be purchased or subscribed for.

3.4) <u>Issuance of Shares to Holders of Another Class or Series</u>. The Board is further authorized to issue shares of one class or series of Capital Stock to holders of that class or series of Capital Stock or to holders of another class or series of Capital Stock to effect share dividends or splits.

ARTICLE 4-RIGHTS AND PRIVILEGES OF SHARES AND OF SHAREHOLDERS

The rights, preferences, privileges and restrictions granted to or imposed upon the Capital Stock or the holders thereof are set forth below.

4.1) <u>Voting Privileges</u>. Each holder of Voting Common Stock shall have one vote on all matters submitted to the shareholders for each share of Voting Common Stock standing in the name of such holder on the books of the

corporation. Each holder of Preferred Stock shall have one vote on all matters submitted to the shareholders for each share of Voting Common Stock which such holder of Preferred Stock would be entitled to receive upon the conversion of his Preferred Stock as provided in subsection 4.5(c). In addition, each holder of Preferred Stock shall have the special voting rights which are described in subsection 4.5(b). Except as may be required by the Minnesota Business Corporation Act, the holders of Nonvoting Common Stock shall have no voting rights with respect to any matter submitted to a vote of the shareholders of the corporation.

4.2) <u>Preemptive Rights</u>. No holder of shares of any class or series of Capital Stock shall be entitled as such, as a matter of right, to subscribe for or purchase additional shares of that class or series or any other class or series of Capital Stock of the corporation now or hereafter authorized or issued.

4.3) No Cumulative Voting. There shall be no cumulative voting by the shareholders of the corporation.

4.4) <u>Distributions</u>. Except as provided in subsection 4.5(a) on the liquidation, dissolution or winding up of the corporation, shares of Capital Stock shall share ratably in any dividends or distributions of the corporation, whether paid in cash, property or stock.

4.5) Series A Convertible Preferred Stock.

(a) Liquidation Preference. In the event of the liquidation, dissolution or winding up of the corporation, whether voluntary or involuntary, the holders of the Preferred Stock shall be entitled to receive out of assets of the corporation, an amount equal to \$13.50 (hereinafter referred to as the "Liquidation Preference") for each outstanding share of Preferred Stock before any payment shall be made or any assets distributed to the holders of Voting Common Stock or Nonvoting Common Stock or any other class of stock of this corporation ranking junior to the Preferred Stock upon liquidation or dissolution of the corporation. If, upon any liquidation, dissolution, or winding up of the corporation, the assets of the corporation are insufficient to pay the Liquidation Preference for each outstanding share of Preferred Stock, the holders of Preferred Stock shall share pro rata in any such distribution in proportion to the full amounts to which they would otherwise be entitled. If, upon any liquidation, dissolution or winding up of the corporation, the holders of Preferred Stock would be entitled to receive in excess of the Liquidation Preference for each outstanding share of Voting Common Stock pursuant to subsection 4.5(c), instead of receiving the Liquidation Preference, each holder of Preferred Stock shall receive an amount equal to the distribution such holder would receive if all his outstanding shares of Preferred Stock had been converted to shares of Voting Common Stock pursuant to subsection 4.5(c) on the day preceding the date of such liquidation, dissolution or winding up. The Liquidation Preference shall be appropriately adjusted to reflect stock splits and reverse stock splits of the Preferred Stock or dividends or distributions payable in shares of Preferred Stock.

Nothing hereinabove set forth shall affect in any way the right or obligation of each holder of shares of Preferred Stock to convert such shares into shares of Voting Common Stock, at any time and from time to time, in accordance with subsection 4.5(c) below.

(b) <u>Special Voting Rights</u>. Without the affirmative vote of the holders (acting together as a class) of at least a majority of the Preferred Stock at the time outstanding given in person or by proxy at any annual meeting, or at such special meeting called for that purpose, or, if permitted by law, in writing without a meeting, the corporation shall not:

(1) authorize or issue any shares of stock having priority over the Preferred Stock as to the payment of dividends or the payment or distribution of assets upon the liquidation or dissolution, voluntary or involuntary, of the corporation; or

(2) amend the Articles of Incorporation of the corporation so as to alter this Article 4 in any respect.

(c) Conversion Rights; Mandatory Conversion.

(1) At the option of the holder thereof, each share of Preferred Stock shall be convertible, at the offices of the corporation (or at such other office or offices, if any, as the Board of Directors may designate), into one (1) share of Voting Common Stock of the corporation, subject to adjustment as provided in subsection 4.5(c)(2) below. In order to convert shares of Preferred Stock into shares of Voting Common Stock, the holder thereof, shall surrender at the principal executive offices of the corporation the certificate or certificates therefor, duly endorsed to the corporation or in blank, and give written notice to the corporation at such office that such holder elects to convert a specified portion or all of such shares of Preferred Stock into shares of Voting Common Stock. Shares of Preferred

Stock shall be deemed to have been converted on the day of surrender of the certificate representing such shares for conversion in accordance with the foregoing provisions (the "Conversion Date"), and the person entitled to receive the shares of Voting Common Stock of the corporation issuable upon such conversion shall be treated for all purposes as the record holder of such shares of Voting Common Stock at that time. As promptly as practicable on or after the Conversion Date, the corporation shall issue and mail or deliver or cause to be issued and mailed or delivered to such holder a certificate or certificates for the number of shares of Voting Common Stock issuable upon conversion and a certificate or certificates for the balance of the Preferred Stock surrendered, if any, not so converted into shares of Voting Common Stock.

(2) The number of shares of Voting Common Stock issuable in exchange for shares of Preferred Stock upon the exercise of these conversion rights (the "Conversion Ratio"), which shall initially be one share of Voting Common Stock for one share of Preferred Stock, shall be subject to adjustment from time to time as hereinafter provided:

(i) In case the corporation shall at any time subdivide or split its outstanding Common Stock into a greater number of shares, the Conversion Ratio in effect immediately prior to such subdivision or split shall be proportionately increased; and, conversely, in case the outstanding Common Stock of the corporation shall be combined into a smaller number of shares the Conversion Ratio in effect immediately prior to such combination shall be proportionately reduced.

(ii) If any capital reorganization or reclassification of the Capital Stock of the corporation or consolidation or merger of the corporation with another corporation or the sale of all or substantially all of its assets to another corporation shall be affected in such a way that holders of Common Stock shall be entitled to receive stock, securities or assets with respect to or in exchange for Common Stock, then, as a condition of such reorganization, reclassification, consolidation, merger or sale, lawful and adequate provision shall be made whereby the holders of Preferred Stock shall thereafter have the right to receive, in lieu of the Voting Common Stock of the corporation immediately theretofore receivable upon the conversion of any such Preferred Stock, such shares of stock, securities or assets as may be issued or payable with respect to or in exchange for a number of outstanding shares of Voting Common Stock had such reorganization, reclassification, consolidation, merger or sale not taken place; and, in any such case, appropriate provision shall be made with respect to the rights and interests of the holders of the Preferred Stock to the end that the provisions hereof (including without limitation provisions for adjustments of the Conversion Ratio and of the number of shares receivable upon the conversion of such Preferred Stock) shall thereafter be applicable as nearly as may be, in relation to any shares of stock, securities or assets hereafter receivable upon the conversion of if other than the corporation, the consolidation, merger or sale, unless prior to the consummation thereof the surviving corporation (if other than the corporation), the corporation resulting from such consolidation or the corporation purchasing such assets shall assume by written instrument executed and mailed to the registered holders of the Preferred Stock at the last address of such holders appearing on the books of the corporation, the obligation to deliver to such holders such shares of stock, securities or assets as, in

(iii) If and whenever the corporation shall issue or sell any Common Stock for a consideration per share less than the Liquidation Preference (except for the issuance or sale of up to 50,000 shares of Nonvoting Common Stock pursuant to the corporation's 1984 Stock Option Plan, up to 200,000 shares of Voting Common Stock pursuant to the corporation's 1987 Stock Option Plan and up to 50,000 shares of Voting Common Stock to Simplot Development Corporation (hereinafter referred to as the "Excluded Stock Issuances")) or shall issue any options, warrants or other rights for the purchase of shares of Common Stock at a consideration per share of less than the Liquidation Preference, forthwith upon such issuance or sale of such shares, options, warrants or other rights for purchase, the Conversion Ratio in effect immediately prior to such issuance or sale for the Preferred Stock shall be adjusted so that each share of Preferred Stock shall thereafter be convertible into that number of shares of Voting Common Stock as is equal to the number of shares of Common Stock outstanding immediately after such issuance or sale plus the number of shares of Common Stock issuable upon the exercise of any purchase rights thus issued, by (bb) the Liquidation Preference, and the denominator of which shall be an amount equal to the sum of (aa) the number of shares of Common Stock outstanding immediately prior to such issuance or sale multiplied by the Liquidation Preference, and (bb) the total consideration payable to the corporation upon such issuance or sale of such shares and such purchase rights and upon the exercise of such purchase rights. If any options

or purchase rights taken into account in any such adjustment of the Conversion Ratio subsequently expire without exercise, the Conversion Ratio shall be recomputed by deleting such options or purchase rights. For purposes of this subsection 4.5(c)(2), the number of shares of Voting Common Stock or Nonvoting Common Stock which may be issued as Excluded Stock Issuances shall be appropriately adjusted to reflect stock splits, stock dividends, reorganizations, consolidations and similar changes.

(iv) The anti-dilution provisions of this subsection 4.5(c)(2) may be waived by the affirmative vote of the holders (acting together as a class) of at least a majority of the then outstanding shares of Preferred Stock.

(3) Upon receipt of a written notice to the corporation from a holder of shares of Preferred Stock delivered to the corporation's principal executive offices requesting a computation of the then current Conversion Ratio, the corporation shall promptly give written notice by first-class mail, postage prepaid, addressed to the holder of the Preferred Stock making such request at the address of such holder as shown on the books of the corporation which notice shall state the then current Conversion Ratio, setting forth in reasonable detail the method of calculation and the facts upon which such calculation is based.

(4) In case any time:

(i) the corporation shall pay any dividend payable in stock upon its Common Stock or make any distribution (other than regular cash dividends) to the holders of its Common Stock; or

(ii) the corporation shall offer for subscription pro rata to the holders of its Common Stock any additional shares of stock of

any class or other rights; or

(iii) there shall be any capital reorganization, reclassification of the Capital Stock of the corporation or consolidation or merger of the corporation with or sale of all or substantially all of its assets to another corporation; or

(iv) there shall be a voluntary or involuntary dissolution, liquidation or winding up of the corporation;

then in any one or more of said cases the corporation shall give written notice, by first-class mail, postage prepaid, addressed to the holders of the Preferred Stock at the addresses of such holders as shown on the books of this corporation, of the date on which (aa) the books of the corporation shall close or a record shall be taken for such dividend, distribution or subscription rights or (bb) such reorganization, reclassification, consolidation, merger, sale, dissolution, liquidation or winding up shall take place, as the case may be. Such notice shall also specify the date as of which the holders of Common Stock of record shall participate in such dividend, distribution or subscription rights or shall be entitled to exchange their Common Stock for securities or other property deliverable upon such reorganization, reclassification, consolidation, merger, sale, dissolution, liquidation or winding up, as the case may be. Such written notice shall be given at least 20 days prior to the action in question and not less than 20 days prior to the record date or the date on which this corporation's transfer books are closed in respect thereto.

(5) As used in this subsection 4.5(c), the term Common Stock shall mean and include the corporation's presently authorized Voting Common Stock and Nonvoting Common Stock and shall also include any capital stock of any class of the corporation hereafter authorized which shall have the right to vote on all matters submitted to the shareholders of the corporation and shall not be limited to a fixed sum or percentage in respect of the rights of the holders thereof to participate in dividends or in the distribution of assets upon the voluntary or involuntary liquidation, dissolution or winding up of the corporation; provided that the shares receivable pursuant to conversion of the Preferred Stock shall include shares designated as Voting Common Stock of the corporation as of the date of issuance of such Preferred Stock or, in the case of any reclassification of the outstanding shares thereof, the stock, securities or assets provided for in subsection 4.5(c)(2)(ii) above.

(6) The number of shares of Voting Common Stock issuable upon conversion of shares of Preferred Stock shall be computed to the nearest one hundredth of a full share; however, no fractional shares of Voting Common Stock shall be issued upon conversion. The corporation shall pay a cash adjustment in respect of any fraction of a share in an amount equal to the same fraction of the market price per share of Voting Common Stock as of the close of business on the day of conversion. "Market price" shall mean the average of the high and low prices of the Voting Common Stock sales on all exchanges on which the Voting Common Stock may at the time be listed or as reported by the National Association of Securities Dealers, Inc. Automated Quotation System National Market System

("NASDAQ-NMS"), or, if there shall have been no sales on any such exchange or as reported by NASDAQ-NMS on any such day, the average of the bid and asked prices at the end of such day, or, if the Voting Common Stock shall not be so listed or transactions so reported, the average of the bid and asked prices at the end of the day in the over-the-counter market, in each case averaged over a period of 20 consecutive business days prior to the date as of which "market price" is being determined. If at any time the Voting Common Stock is not listed on any exchange, reported by NASDAQ-NMS or quoted in the over-the-counter market, the "market price" shall be deemed to be the higher of (a) the book value thereof as determined by any firm of independent public accountants of recognized standing selected by the Board of Directors of the Corporation as of the last day of any month ending within 60 days preceding the date as of which the determination is to be made, or (b) the fair value thereof determined in good faith by the Board of Directors of the Corporation as of a date which is within 15 days of the date as of which the determination is to be made.

(7) Notwithstanding the foregoing right to convert at the option of the holder, each share of Preferred Stock shall automatically be converted into the appropriate number of shares of Voting Common Stock of the corporation in the manner and upon the terms set forth herein, without any act by the corporation or the holders of Preferred Stock, concurrently with the closing of:

(i) the sale by the corporation of shares of Voting Common Stock in a public offering which was registered under the Securities Act of 1933, as amended, was underwritten by an investment banking firm on a firm commitment basis and results in the Voting Common Stock being of the corporation being quoted on the National Association of Securities Dealers, Inc. Automated Quotation System ("NASDAQ") or listed on the New York Stock Exchange, American Stock Exchange or other national stock exchange; or

(ii) a merger of the corporation with or the acquisition of the corporation by another entity in which the surviving entity is a corporation with a class of securities which are quoted on NASDAQ or listed on the New York Stock Exchange, the American Stock Exchange or other national stock exchange.

ARTICLE 5-MERGER, EXCHANGE, SALE OF ASSETS AND DISSOLUTION

5.1) Where approval of shareholders is required by law, the affirmative vote of the holders of at least a majority of the voting power of all shares entitled to vote shall be required to authorize the corporation (i) to merge into or with one or more other corporations, (ii) to exchange its shares for shares of one or more other corporations, (iii) to sell, lease, transfer or otherwise dispose of all or substantially all of its property and assets, including its goodwill, or (iv) to commence voluntary dissolution.

ARTICLE 6—AMENDMENT OF ARTICLES OF INCORPORATION

6.1) Subject to the special voting rights of the holders of Preferred Stock set forth in subsection 4.5(b), any provision contained in these Articles of Incorporation may be amended, altered, changed or repealed by the affirmative vote of the holders of at least majority of the voting power of the shares present and entitled to vote at a duly held meeting or such greater percentage as may be otherwise prescribed by the laws of the State of Minnesota.

ARTICLE 7—INCORPORATORS

7.1) The name and mailing address of the original incorporator was as follows:

Stephen A.A. Goddard 1645 Hennepin Avenue South Suite 212 Minneapolis, Minnesota 55403

ARTICLE 8-DIRECTOR LIABILITY

8.1) Limitation on Director Liability. To the fullest extent permitted by the Minnesota Business Corporation Act, as the same exists or may hereafter be amended, a director of this corporation shall not be personally liable to the corporation or its shareholders for monetary damages for breach of fiduciary duty as a director.

IN WITNESS WHEREOF, we have hereunto set our hands this 10th day of April, 1989.

/s/ Dale R. Olseth

Dale R. Olseth, Chairman, President, and Chief Executive Officer

)

/s/ David R. Busch

David R. Busch, Secretary

STATE OF MINNESOTA

) ss. COUNTY OF HENNEPIN)

The foregoing instrument was acknowledged before me this 10th day of April, 1989, by Dale R. Olseth and David R. Busch, Chairman/President/Chief Executive Officer and Secretary, respectively, of Bio-Metric Systems, Inc., a Minnesota corporation, on behalf of the corporation.

/s/ Walter H. Diers

Notary Public

(Notarial Seal)

ARTICLES OF AMENDMENT OF ARTICLES OF INCORPORATION OF BIO-METRIC SYSTEMS, INC.

Pursuant to the provisions of Minnesota Statutes, Section 302A.135, the following amendments of Section 1.1 of Article 1 and Section 2.1 of Article 2 of the Articles of Incorporation of Bio-Metric Systems, Inc. were adopted on January 17, 1994, by the shareholders of the corporation:

"ARTICLE 1-NAME

1.1) The name of the corporation shall be BSI Corporation.

ARTICLE 2—REGISTERED OFFICE

2.1) The registered office of the corporation is located at 9924 West 74th Street, Eden Prairie, Minnesota 55344."

The undersigned swears that the foregoing is true and accurate and that the undersigned has the authority to sign this document on behalf of the corporation.

Dated: January 17, 1994.

/s/ David R. Busch

David R. Busch, Its Corporate Secretary

ARTICLES OF AMENDMENT OF ARTICLES OF INCORPORATION OF BSI CORPORATION (f/k/a BIO-METRIC SYSTEMS, INC.)

Pursuant to the provisions of Minnesota Statutes, Section 302A.135, the following amendment of Section 3.1 of Article 3 of the Articles of Incorporation of BSI Corporation (f/k/a Bio-Metric Systems, Inc.) was adopted on January 27, 1997, by the shareholders of the corporation:

Section 3.1 of Article 3 is amended in its entirety to read as follows:

"3.1 <u>Authorized Shares</u>. The aggregate number of shares which the corporation shall have the authority to issue shall be 20,450,000, 15.0 million of which shall be designated Voting Common Stock, \$.05 Par Value; 5.0 million of which shall be undesignated shares and 450,000 of which shall be designated Series A Convertible Preferred Stock, \$.05 Par Value (hereinafter referred to as the "Preferred Stock"). (The Voting Common Stock, any shares issued from the undesignated shares, and the Preferred Stock are hereinafter referred to collectively as the "Capital Stock".) The Board of Directors of the corporation is authorized to establish from the undesignated shares, by resolution adopted and filed in the manner provided by law, one or more classes or series of shares, to designate each such class or series (which may include but is not limited to designation as additional common shares), and to fix the relative rights and preferences of each such class or series."

The undersigned swears that the foregoing is true and accurate and that the undersigned has the authority to sign this document on behalf of the corporation.

Dated: January 29, 1997.

/s/ David R. Busch David R. Busch, Its Corporate Secretary

ARTICLES OF AMENDMENT OF ARTICLES OF INCORPORATION OF BSI CORPORATION

Pursuant to the provisions of Minnesota Statutes, Section 302A.135, the following amendment of Section 1.1 of Article 1 of the Articles of Incorporation of BSI Corporation was adopted on June 4, 1997, by the shareholders of the corporation:

Section 1.1 of Article 1 is amended in its entirety to read as follows:

"1.1 The name of the corporation shall be SurModics, Inc."

The undersigned swears that the foregoing is true and accurate and that the undersigned has the authority to sign this document on behalf of the corporation.

Dated: June 4, 1997.

/s/ David R. Busch

David R. Busch, Its Corporate Secretary

ARTICLES OF AMENDMENT OF ARTICLES OF INCORPORATION OF SURMODICS, Inc. (f/k/a BSI CORPORATION)

Pursuant to the provisions of Minnesota Statutes, Section 302A.135, the following amendments of Section 3.1 of Article 3 and Section 4.5 of Article 4 of the Articles of Incorporation of SurModics, Inc. (f/k/a BSI Corporation) were adopted on January 26, 1998, by the shareholders of the corporation:

Section 3.1 of Article 3 is amended in its entirety to read as follows:

"3.1 <u>Authorized Shares</u>. The aggregate number of shares which the corporation shall have the authority to issue shall be 20,376,828, 15.0 million of which shall be designated Voting Common Stock, \$.05 Par Value; 5.0 million of which shall be undesignated shares and 376,828 of which shall be designated Series A Convertible Preferred Stock, \$.05 Par Value (hereinafter referred to as the "Preferred Stock"). (The Voting Common Stock, any shares issued from the undesignated shares, and the Preferred Stock are hereinafter referred to collectively as the "Capital Stock".) The Board of Directors of the corporation is authorized to establish from the undesignated shares, by resolution adopted and filed in the manner provided by law, one or more classes or series of shares, to designate each such class or series (which may include but is not limited to designation as additional common shares), and to fix the relative rights and preferences of each such class or series."

Section 4.5 of Article 4 is amended to add the following to the end of such section:

"(d) If and when all outstanding shares of Preferred Stock have been converted pursuant to this Section 4.5, such shares shall be deemed canceled and shall not be reissuable by the corporation, this Section 4.5 shall be null and void and any restatement of these Articles of Incorporation may exclude this Section 4.5 and the reference to Series A Convertible Preferred Stock contained in Section 3.1 of Article 3."

The undersigned swears that the foregoing is true and accurate and that the undersigned has the authority to sign this document on behalf of the corporation.

Dated: January 26, 1998.

/s/ David R. Busch David R. Busch, Its Corporate Secretary

STATEMENT OF CANCELLATION OF PREFERRED SHARES OF SURMODICS, Inc. (f/k/a BSI CORPORATION)

SurModics, Inc. (f/k/a BSI Corporation) hereby cancels 376,828 shares of its authorized Series A Convertible Preferred Stock, \$0.05 par value. After giving effect to the cancellation, the aggregate number of shares which the corporation shall have the authority to issue shall be 20,000,000, 15.0 million of which shall be designated Voting Common Stock, \$.05 Par Value, and 5.0 million of which shall be undesignated.

This statement is pursuant to Section 302A.553 Subdivision 2 of the Minnesota Business Corporation Act.

The undersigned swears that the foregoing is true and accurate and that the undersigned has the authority to sign this document on behalf of the corporation.

Dated: April 16, 1998

/s/ David R. Busch

David R. Busch, Its Corporate Secretary

STATEMENT OF DESIGNATION

OF

SERIES A PREFERRED STOCK

OF

SURMODICS, INC.

(Pursuant to Chapter 302A of the Minnesota Business Corporation Act)

SurModics, Inc., a corporation organized and existing under the Minnesota Business Corporation Act (hereinafter called the "Company"), hereby certifies that the following resolution was adopted by the Board of Directors of the Company at a meeting duly called and held on March 22, 1999:

RESOLVED, that, pursuant to the authority granted to and vested in the Board of Directors of the Company (hereinafter called the "Board of Directors" or the "Board") in accordance with the provisions of Section 3.1 of the Articles of Incorporation, as amended to date (hereinafter called the "Articles of Incorporation"), the Board of Directors hereby creates a series of Preferred Stock, par value \$.05 per share (the "Preferred Stock"), of the Company and hereby states the designation and number of shares, and fixes the relative rights, preferences, and limitations thereof as follows:

Series A Preferred Stock:

Section 1. <u>Designation and Amount</u>. The shares of such series shall be designated as "Series A Preferred Stock" (the "Series A Preferred Stock"), and the number of shares constituting the Series A Preferred Stock shall be One Hundred Fifty Thousand (150,000). Such number of shares may be increased or decreased by resolution of the Board of Directors; provided, that, no decrease shall reduce the number of shares of Series A Preferred Stock to a number less than the number of shares then outstanding plus the number of shares reserved for issuance upon the exercise of outstanding options, rights or warrants or upon the conversion of any outstanding securities issued by the Company convertible into Series A Preferred Stock.

Section 2. Dividends and Distributions.

(A) Subject to the rights of the holders of any shares of any series of Preferred Stock, par value \$.05 per share (the "Preferred Stock"), of the Company or Preferred Stock (or any similar stock) ranking prior and superior to the Series A Preferred Stock with respect to dividends, the holders of shares of Series A Preferred Stock, in preference to the holders of Common Stock, par value \$.05 per share (the "Common Stock"), of the Company, and of any other junior stock, shall be entitled to receive, when, as and if declared by the Board of Directors out of funds legally available for the purpose, quarterly dividends payable in cash on the first day of March, June, September and December in each year (each such date being referred to herein as a "Quarterly Dividend Payment Date"), commencing on the first Quarterly Dividend Payment Date after the first issuance of a share or fraction of a share of Series A Preferred Stock, in an amount per share (rounded to the nearest cent) equal to the greater of (a) \$1 or (b) subject to the provision for adjustment hereinafter set forth, 100 times (as adjusted, the "Dividend Multiple") the aggregate per share amount of all cash dividends, and 100 times the aggregate per share amount (payable in kind) of all non-cash dividends or other distributions, other than a dividend payable in shares of Common Stock or a subdivision of the outstanding shares of Common Stock (by reclassification or otherwise), declared on the Common Stock since the immediately preceding Quarterly Dividend Payment Date or, with respect to the first Quarterly Dividend Payment Date, since the first issuance of any share or fraction of a share of Series A Preferred Stock. In the event the Company shall at any time declare or pay any dividend on the Common Stock payable in shares of Common Stock, or effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or the shares of Common Stock (by reclassification or the outstanding shares of Common Stock (by recl

otherwise) into a greater or lesser number of shares of Common Stock, then in each such case the Dividend Multiple shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event.

(B) The Company shall declare a dividend or distribution on the Series A Preferred Stock as provided in paragraph (A) of this Section immediately after it declares a dividend or distribution on the Common Stock (other than a dividend payable in shares of Common Stock); provided, that, in the event no dividend or distribution shall have been declared on the Common Stock during the period between any Quarterly Dividend Payment Date and the next subsequent Quarterly Dividend Payment Date, a dividend of \$1 per share on the Series A Preferred Stock shall nevertheless be payable on such subsequent Quarterly Dividend Payment Date.

(C) Dividends shall begin to accrue and be cumulative on outstanding shares of Series A Preferred Stock from the Quarterly Dividend Payment Date next preceding the date of issue of such shares, unless the date of issue of such shares is prior to the record date for the first Quarterly Dividend Payment Date, in which case dividends on such shares shall begin to accrue from the date of issue of such shares, or unless the date of issue is a Quarterly Dividend Payment Date or is a date after the record date for the determination of holders of shares of Series A Preferred Stock entitled to receive a quarterly dividend and before such Quarterly Dividend Payment Date, in either of which events such dividends shall begin to accrue and be cumulative from such Quarterly Dividend Payment Date. Accrued but unpaid dividends shall not bear interest. Dividends paid on the shares of Series A Preferred Stock in an amount less than the total amount of such dividends at the time accrued and payable on such shares shall be allocated pro rata on a share-by-share basis among all such shares at the time outstanding. The Board of Directors may fix a record date for the determination of holders of shares of Series A Preferred Stock entitled to receive payment of a dividend or distribution declared thereon, which record date shall be not more than sixty (60) days prior to the date fixed for the payment thereof.

Section 3. Voting Rights. The holders of shares of Series A Preferred Stock shall have the following voting rights:

(A) Subject to the provision for adjustment hereinafter set forth, each share of Series A Preferred Stock shall entitle the holder thereof to 100 votes (as adjusted, the "Vote Multiple") on all matters submitted to a vote of the stockholders of the Company. In the event the Company shall at any time declare or pay any dividend on the Common Stock payable in shares of Common Stock, or effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise) into a greater or lesser number of shares of Common Stock, then in each such case the Vote Multiple shall be adjusted by multiplying such number by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event.

(B) Except as otherwise provided in Section 10 hereof, in any other Statement of Designation creating a series of Preferred Stock or any similar stock, or by law, the holders of shares of Series A Preferred Stock and the holders of shares of Common Stock and any other capital stock of the Company having general voting rights shall vote together as one class on all matters submitted to a vote of stockholders of the Company.

(C) Except as set forth herein, or as otherwise provided by law, holders of Series A Preferred Stock shall have no special voting rights and their consent shall not be required (except to the extent they are entitled to vote with holders of Common Stock as set forth herein) for taking any corporate action.

Section 4. Certain Restrictions.

(A) Whenever quarterly dividends or other dividends or distributions payable on the Series A Preferred Stock as provided in Section 2 are in arrears, thereafter and until all accrued and unpaid dividends and distributions, whether or not declared, on shares of Series A Preferred Stock outstanding shall have been paid in full, the Company shall not:

(i) declare or pay dividends, or make any other distributions, on any shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock;

(ii) declare or pay dividends, or make any other distributions, on any shares of stock ranking on a

parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except dividends paid ratably on the Series A Preferred Stock and all such parity stock on which dividends are payable or in arrears in proportion to the total amounts to which the holders of all such shares are then entitled;

(iii) redeem or purchase or otherwise acquire for consideration shares of any stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock, provided that the Company may at any time redeem, purchase or otherwise acquire shares of any such junior stock in exchange for shares of any stock of the Company ranking junior (as to dividends and upon dissolution, liquidation and winding up) to the Series A Preferred Stock; or

(iv) redeem or purchase or otherwise acquire for consideration any shares of Series A Preferred Stock, or any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except in accordance with a purchase offer made in writing or by publication (as determined by the Board) to all holders of such shares upon such terms as the Board, after consideration of the respective annual dividend rates and other relative rights and preferences of the respective series and classes, shall determine in good faith will result in fair and equitable treatment among the respective series or classes.

(B) The Company shall not permit any subsidiary of the Company to purchase or otherwise acquire for consideration any shares of stock of the Company unless the Company could, under paragraph (A) of this Section 4, purchase or otherwise acquire such shares at such time and in such manner.

Section 5. <u>Reacquired Shares</u>. Any shares of Series A Preferred Stock purchased or otherwise acquired by the Company in any manner whatsoever shall be retired and cancelled promptly after the acquisition thereof. All such shares shall upon their cancellation become authorized but unissued shares of Preferred Stock and may be reissued as part of a new series of Preferred Stock subject to the conditions and restrictions on issuance set forth herein, in the Articles of Incorporation, or in any other Statement of Designation creating a series of Preferred Stock or any similar stock or as otherwise required by law.

Section 6. Liquidation, Dissolution or Winding Up. Upon any liquidation, dissolution or winding up of the Company, no distribution shall be made (A) to the holders of shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock unless, prior thereto, the holders of shares of Series A Preferred Stock shall have received the greater of (i) \$100 per share, plus an amount equal to accrued and unpaid dividends and distributions thereon, whether or not declared, to the date of such payment, or (ii) subject to the provision for adjustment hereinafter set forth, 100 times (as adjusted, the "Liquidation Preference Multiple") the aggregate amount to be distributed per share to holders of shares of Common Stock, or (B) to the holders of shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except distributions made ratably on the Series A Preferred Stock and all such parity stock in proportion to the total amounts to which the holders of all such shares are entitled upon such liquidation, dissolution or winding up. In the event the Company shall at any time declare or pay any dividend on the Common Stock payable in shares of Common Stock, or effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise) into a greater or lesser number of shares of Common Stock, then in each such case the Liquidation Preference Multiple shall be adjusted by multiplying such amount by a fraction the numerator of which is the number of shares of Common Stock that were outstanding immediately prior to such event.

Section 7. <u>Consolidation, Merger, Etc</u>. In case the Company shall enter into any consolidation, merger, statutory exchange combination or other transaction in which the shares of Common Stock are exchanged for or changed into other stock or securities, cash and/or any other property, then in any such case each share of Series A Preferred Stock shall at the same time be similarly exchanged or changed into an amount per share, subject to the provision for adjustment hereinafter set forth, equal to 100 times (as adjusted, the "Exchange Multiple") the aggregate amount of stock, securities, cash and/or any other property (payable in kind), as the case may be, into which or for which each share of Common Stock is changed or exchanged. In the event the Company shall at any time declare or pay any dividend on the Common Stock payable in shares of Common Stock, or effect a subdivision or combination or consolidation of the outstanding shares of Common Stock (by reclassification or otherwise) into a greater or lesser number of shares of Common Stock, then in each such case the Exchange Multiple shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of Common Stock outstanding immediately

after such event and the denominator of which is the number of shares of Common Stock that were outstanding immediately prior to such event.

Section 8. No Redemption. The shares of Series A Preferred Stock shall not be redeemable.

Section 9. <u>Rank</u>. The Series A Preferred Stock shall rank, with respect to the payment of dividends and the distribution of assets, junior to all series of any other class of Preferred Stock hereafter issued that specifically provide that they shall rank senior to the Series A Preferred Stock.

Section 10. <u>Amendment</u>. If any proposed amendment to the Articles of Incorporation or this Statement of Designation would alter or change the preferences, special rights or powers given to the Series A Preferred Stock so as to affect the Series A Preferred Stock adversely, or would authorize the issuance of a class or classes of stock having preferences or rights with respect to dividends or dissolutions or the distribution of assets that would be superior to the preferences or rights of the Series A Preferred Stock, then the holders of the Series A Preferred Stock shall be entitled to vote as a series upon such amendment, and the affirmative vote of two-thirds of the outstanding shares of Series A Preferred Stock shall be necessary to the adoption thereof, in addition to such other vote as may be required by the Minnesota Business Corporation Act.

Section 11. <u>Fractional Shares</u>. Series A Preferred Stock may be issued in fractions of a share which shall entitle the holder, in proportion to such holder's fractional shares, to exercise voting rights, receive dividends, participate in distributions and to have the benefit of all other rights of holders of Series A Preferred Stock.

I certify that I am authorized to execute this Statement of Designation, and I further certify that I understand that by signing this Statement of Designation I am subject to the penalties of perjury as set forth in Minnesota Statutes, Section 609.48, as if I had signed this Statement of Designation under oath.

Dated: April 5, 1999

/s/ Dale R. Olseth Dale R. Olseth, Chief Executive Officer

ARTICLES OF AMENDMENT OF ARTICLES OF INCORPORATION OF SURMODICS, INC.

Pursuant to the provisions of Minnesota Statutes, Section 302A.135, the following amendments to the Articles of Incorporation of SurModics, Inc., were adopted on January 24, 2000, by the shareholders of the corporation:

Section 3.1 of Article 3 is amended to read as follows:

3.1) <u>Authorized Shares</u>. The aggregate number of shares which the corporation shall have the authority to issue shall be 50.0 million, 45.0 million of which shall be designated Common Stock, \$.05 Par Value; 4.85 million of which shall be undesignated shares and 150,000 of which shall be designated Series A Preferred Stock, \$.05 Par Value (hereinafter referred to as the "Series A Preferred Stock"). (The Common Stock, any shares issued from the undesignated shares, and the Series A Preferred Stock are hereinafter referred to collectively as the "Capital Stock.") The Board of Directors of the corporation is authorized to establish from the undesignated shares, by resolution adopted and filed in the manner provided by law, one or more classes or series of shares, to designate each such class or series (which may include but is not limited to designation as additional shares of Common Stock or Series A Preferred Stock), and to fix the relative rights and preferences of each such class or series.

Section 4.1 of Article 4 is amended to read as follows:

4.1) <u>Voting Privileges</u>. Unless otherwise provided in these Articles of Incorporation, each holder of Common Stock shall have one vote on all matters submitted to the shareholders for each share of Common Stock standing in the name of such holder on the books of the corporation.

Section 4.4 of Article 4 is amended to read as follows:

4.4) <u>Distributions</u>. Except as otherwise provided in these Articles of Incorporation, on the liquidation, dissolution or winding up of the corporation, shares of Capital Stock shall share ratably in any dividends or distributions of the corporation, whether paid in cash, property or stock.

Section 4.5 of Article 4, entitled "Series A Convertible Preferred Stock," is deleted in its entirety.

Section 6.1 of Article 6 is amended to read as follows:

6.1) Any provision contained in these Articles of Incorporation may be amended, altered, changed or repealed by the affirmative vote of the holders of at least majority of the voting power of the shares present and entitled to vote at a duly held meeting or such greater percentage as may be otherwise prescribed by the laws of the State of Minnesota.

Article 7, entitled "Incorporators," is deleted in its entirety.

The undersigned swears that the foregoing is true and accurate and that the undersigned has the authority to sign this document on behalf of the corporation.

Dated: February 9, 2000.

/s/ David R. Busch David R. Busch, Its Corporate Secretary

STATEMENT OF DESIGNATION OF SHARES OF SURMODICS, INC.

I hereby certify that the following resolutions were duly adopted by the Board of Directors of SurModics, Inc. on November 13, 2000:

"Designation of Additional Series A Preferred Stock

WHEREAS, the Company's current authorized capitalization consists of 45,000,000 authorized shares of Common Stock, 150,000 authorized shares of Series A Preferred Stock and 4,850,000 authorized but undesignated shares; and

WHEREAS, pursuant to Section 3.1 of the Articles of Incorporation, the Board of Directors has authority to designate, from the 4,850,000 authorized but undesignated shares, additional shares of Common Stock or Series A Preferred Stock; and

WHEREAS, the directors deem it advisable to designate, from the undesignated shares, 300,000 additional shares as Series A Preferred Stock;

NOW, THEREFORE, RESOLVED, that of the 5,850,000 presently authorized but undesignated shares, 300,000 are hereby designated as additional Series A Preferred Stock.

FURTHER RESOLVED, that the Chairman and Chief Executive Officer, the President or any Vice President of the Company be and hereby is authorized and directed to file all necessary documentation with the Secretary of State to effect such designation."

I certify that I am authorized to execute this Statement and I further certify that I understand that by signing this Statement I am subject to the penalties of perjury as set forth in Section 609.48 as if I had signed this Statement under oath.

Dated: December 4, 2000.

/s/ Dale R. Olseth Dale R. Olseth, Chairman and Chief Executive Officer

ARTICLES OF MERGER OF INNORX, INC. (a Delaware corporation)

INTO

SURMODICS, INC. (a Minnesota corporation)

Pursuant to the provisions of Section 302A.621 of the Minnesota Business Corporation Act, the following Articles of Merger are executed on the date hereinafter set forth:

FIRST: The constituent corporations are InnoRx, Inc., a Delaware corporation ("InnoRx"), and SurModics, Inc., a Minnesota corporation and the surviving corporation.

SECOND: InnoRx, Inc. has one (1) outstanding share, which is owned by SurModics, Inc. ("Parent").

THIRD: The Plan of Merger attached hereto as Exhibit A and made a part hereof has been approved by Parent pursuant to Section 302A.621 of the Minnesota Business Corporation Act.

Dated: January 18, 2005

SURMODICS, INC.

By: /s/ Bruce J. Barclay Bruce J. Barclay, President

INNORX, INC.

By: /s/ Bruce J. Barclay Bruce J. Barclay, President

Exhibit A

Plan of Merger of InnoRx, Inc. with and into Surmodic, Inc.

RESOLVED, that the following Plan of Merger of InnoRx, Inc. ("InnoRx"), a Delaware corporation, into SurModics, Inc. ("SurModics"), a Minnesota corporation is adopted and approved:

SurModics, as the owner of all of the outstanding shares of InnoRx, shall merger InnoRx into SurModics in accordance with the provisions of Section 302A.621 of the Minnesota Business Corporation Act and Section 253 of the Delaware General Corporation Law.

The shares of InnoRx shall not be converted into shares of SurModics but shall, at the effective time of the merger, be surrendered and extinguished without payment of any cash or the delivery of any other consideration.

The articles of incorporation of SurModics shall not be amended in connection with the merger.

In connection with such merger, SurModics, as the surviving corporation, shall assume all of the obligations of InnoRx outstanding at the effective time of the merger.

The effective time of the merger shall be on the date on which Articles of Merger are filed with the Secretary of State of Minnesota.

FURTHER RESOLVED, that the President of SurModics be and he hereby is authorized and directed to execute Articles of Merger embodying the foregoing Plan and to cause the same to be filed for record in the manner required by law.

ARTICLES OF AMENDMENT TO ARTICLES OF INCORPORATION OF SURMODICS, INC.

The undersigned, Bryan K. Phillips, Secretary of SurModics, Inc., a Minnesota corporation (the "Corporation "), hereby certifies that:

1. Article I of the Corporation's Amended and Restated Articles of Incorporation is amended and restated to read in its entirety as follows:

ARTICLE I - NAME

The name of the corporation shall be Surmodics, Inc.

- 2. This amendment was adopted pursuant to Chapter 302A of the Minnesota Statutes.
- 3. Pursuant to Section 302A.135, Sub. 7, of the Minnesota Statutes, approval of this amendment by the shareholders of the Corporation is not

required.

IN WITNESS WHEREOF, I have subscribed my name this 11th day of July, 2016.

SURMODICS, INC.

/s/ Bryan K. Phillips

Bryan K. Phillips Sr. Vice President, General Counsel and Secretary

FIFTH AMENDMENT TO CREDIT AGREEMENT

This Fifth Amendment to Credit Agreement (this "Fifth Amendment") is entered into as of May 9, 2016 (the "Fifth Amendment Effective Date"), by and between WELLS FARGO BANK, NATIONAL ASSOCIATION ("Bank") and SURMODICS, INC., a Minnesota corporation ("Borrower").

RECITALS

Borrower and Bank are parties to that certain Credit Agreement dated as of November 4, 2013, as amended from time to time, including by that certain First Amendment to Credit Agreement dated as of November 5, 2014, that certain Second Amendment to Credit Agreement dated as of November 20, 2015, that certain Third Amendment to Credit Agreement dated as of December 22, 2015, and that certain Fourth Amendment to Credit Agreement dated as of March 4, 2016 (the "Agreement"). The parties desire to amend the Agreement in accordance with the terms of this Fifth Amendment.

NOW, THEREFORE, the parties agree as follows:

1. Subsection (iv) of the definition of "Permitted Indebtedness" in Section 5.3 of the Agreement hereby is amended and restated in its entirety to read as follows:

""(iv) any Indebtedness incurred by Borrower, including Indebtedness in favor of any Subsidiary, that is either (A) unsecured Indebtedness or (B) Indebtedness subordinated to the Indebtedness owing by Borrower to Bank (and identified as being such by Bank), provided that in the case of both (A) and (B), (X) such Indebtedness is on terms and in form and substance satisfactory to Bank and (Y) in an amount not to exceed Forty Million Dollars (\$40,000,000) in the aggregate;"

2. Section 5.6 of the Agreement hereby is modified by deleting the word "and" as it appears at the end of subsection (j) and replacing it with a comma; deleting the period as it appears at the end of subsection (k) and replacing it with the word "and"; and adding new subsections (I) and (m) at the end thereof to read as follows:

"(I) investments consisting of extensions of credit to any Subsidiary in the nature of accounts receivable or notes receivable arising from the grant of trade credit in the ordinary course of business, in an amount not to exceed Two Million Dollars (\$2,000,000) in the aggregate at any time, and (m) loans, advances or investments in connection with capital expenditures, including without limitation Borrower's acquisition of Creagh Medical's manufacturing facility a.id renovation of the same, in an amount not to exceed Twelve Million Five Hundred Thousand Dollars (\$12,500,000) in the aggregate."

3. No course of dealing on the part of Bank or its officers, nor any failure or delay in the exercise of any right by Bank, shall operate as a waiver thereof, and any single or partial exercise of any such right shall not preclude any later exercise of any such right. Bank's failure at any time to require strict performance by Borrower of any provision shall not affect any right of Bank thereafter to demand strict compliance and performance. Any suspension or waiver of a right must be in writing signed by an officer of Bank.

4. Unless otherwise defined, all initially capitalized terms in this Fifth Amendment shall be as defined in the Agreement. The Agreement, as amended hereby, shall be and remain in full force and effect in accordance with its respective terms and hereby is ratified and confirmed in all respects. Except as expressly set forth herein, the execution, delivery, and performance of this Fifth Amendment shall not operate as a waiver of, or as an amendment of, any right, power, or remedy of Bank under the Agreement, as in effect prior to the date hereof.

5. Borrower represents and warrants that the Representations and Warranties contained in the Agreement are true and correct as of the date of this Fifth Amendment, and that no Event of Default has occurred and is continuing.

6. As a condition to the effectiveness of this Fifth Amendment, Bank shall have received, in form and substance satisfactory to Bank:

(a) this Fifth Amendment, duly executed by Borrower; and

(b) all reasonable fees and expenses incurred in connection with this Fifth Amendment and through the date of this Fifth Amendment, which may be debited from any of Borrower's accounts.

7. This Fifth Amendment may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one instrument.

IN WITNESS WHEREOF, the undersigned have executed this Fifth Amendment as of the first date above written.

SURMODICS, INC.

By:/s/ Andrew D. C. LaFrence

Title: VP Finance and CFO

WELLS FARGO BANK, NATIONAL ASSOCIATION

By:/s/ Dianne Wegscheid

Title:Sr. Vice President

[Signature Page to Fifth Amendment to Credit Agreement]

SIXTH AMENDMENT TO CREDIT AGREEMENT

This Fourth Amendment to Credit Agreement (this "Sixth Amendment") is entered into as of June 2, 2016 (the "Sixth Amendment Effective Date"), by and between WELLS FARGO BANK, NATIONAL ASSOCIATION ("Bank") and SURMODICS, INC., a Minnesota corporation ("Borrower").

RECITALS

Borrower and Bank are patiles to that certai n Credit Agreement dated as of November 4, 2013, as amended from time to time, including by that certain First Amendment to Credit Agreement dated as of November 5, 2014, that certain Second Amendment to Credit Agreement dated as of November 20, 2015, that certain Third Amendment to Credit Agreement dated as of December 22, 2015, that certain Foutih Amendment to Credit Agreement dated as of March 4, 2016, and that cetiain Fifth Amendment to Credit Agreement dated as of May 9, 2016 (the "Agreement"). The parties desire to amend the Agreement in accordance with the terms of this Sixth Amendment.

NOW, THEREFORE, the parties agree as follows:

(b)

1. Section 3.3 of the Agreement hereby is amended and restated in its entirety to read as follows:

"SECTION 3.3. POST-CLOSING CONDITION. As soon as possible, but no later than July I, 2016, Borrower shall deliver to Bank a share pledge agreement duly executed by Borrower or any of its affiliates, pledging to Bank sixty-five percent (65%) of the total outstanding voting capital stock of SurModics Luxembourg S.a r.l., along with the certificates therefor, if any (and all other documents reasonably requested by Bank in connection therewith; provided , however, that Borrower or any of its affiliates, shall not be required to deliver any legal opinions to Bank with respect to the share pledge agreement)."

2. No course of dealing on the part of Bank or its officers, nor any failure or delay in the exercise of any right by Bank, shall operate as a waiver thereof, and any single or partial exercise of any such right shall not preclude any later exercise of any such right. Bank's failure at any time to require strict performance by Borrower of any provision shall not affect any right of Bank thereafter to demand strict compliance and performance. Any suspension or waiver of a right must be in writing signed by an officer of Bank.

3. Unless otherwise defined, all initially capitalized terms in this Sixth Amendment shall be as defined in the Agreement. The Agreement, as amended hereby, shall be and remain in full force and effect in accordance with its respective terms and hereby is ratified and confirmed in all respects. Except as expressly set forth herein, the execution, delivery, and performance of this Sixth Amendment shall not operate as a waiver of, or as an amendment of, any right, power, or remedy of Bank under the Agreement, as in effect prior to the date hereof.

4. Borrower represents and warrants that the Representations and Warranties contained in the Agreement are true and correct as of the date of this Sixth Amendment, and that no Event of Default has occurred and is continuing.

5. As a condition to the effectiveness of this Sixth Amendment, Bank shall have received, in form and substance satisfactory to Bank:

(a) this Sixth Amendment, duly executed by Borrower;

SURMODICS MD, LLC;

the Second Amendment to Security Agreement , duly executed by SURMODICS IVD, INC. and

(c)

(d) all reasonable fees and expenses incurred in connection with this Sixth Amendment and through the date of this Sixth Amendment, which may be debited from any of Borrower's accounts.

6. This Sixth Amendment may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one instrument.

IN WITNESS WHEREOF, the undersigned have executed this Sixth Amendment as of the first date above written.

SURMODICS, INC.

By:/s/ Andrew D. C. LaFrence

Title: VP Finance and CFO

WELLS FARGO BANK, NATIONAL ASSOCIATION

By:/s/ Dianne Wegscheid

Title: Sr. Vice President

[Signature Page to Sixth Amendment to Credit Agreement]

LAW SOCIETY OF IRELAND

GENERAL CONDITIONS OF SALE 2009 EDITION

PARTICULARS

and

CONDITIONS OF SALE

Of

PROPERTY AT IDA BUSINESS PARK, BALLINASLOE, CO. GALWAY

SALE BY PRIVATE TREATY

Auctioneer:

Address:

| Vendors: | Noel | Dillon, | Brian | Conneely | and | Gerry | Barrett |
|----------------------|--------------|-------------------|---------------|----------|-----|-------|---------|
| Vendor's Solicitors: | Gearoid Gera | aghty and Com | pany | | | | |
| Address: | Society S | treet, Ballinaslo | e, Co. Galway | | | | |
| Reference: | | | | | | | |

WARNING: It is recommended that the within should not be completed without prior legal advice.

EXHIBIT 10.3 FAMILY HOME PROTECTION ACT, 1976 SPOUSAL CONSENT

I, being the Spouse of the under-named Vendor hereby, for the purposes of Section 3 Family Home Protection Act, 1976, consent to the proposed sale of the property described in the within Particulars at the price mentioned below.

SIGNED by the said Spouse In the presence of:

MEMORANDUM OF AGREEMENT made this the 25 day of May 2016

BETWEEN NOEL DILLON, BRIAN CONNEELY AND GERRY BARRETT

OF c/o Gearoid Geraghty and Company, Solicitors, Society Street, Ballinasloe.

PPS Number(s) _____

VENDOR

AND

CREAGH MEDICAL LIMITED

of IDA Business Park, Ballinasloe, Co. Galway

PPS Number(s) 9723827P PURCHASER

whereby it is agreed that the Vendor shall sell and the Purchaser shall purchase in accordance with the annexed General and Special Conditions of Sale the property described in the within Particulars at the Purchase price mentioned below.

| Purchase Less deposit annum | Price | €2,555,000 € | 0.00 255,500.00 |) | Closing | Date: | 31st Interest Rate | May, 8 per ce | 2016 ent per |
|-----------------------------------|--------------------|-----------------|--------------------|----------------------------|---------------------------|-------------|-----------------------|------------------|-----------------|
| Balance on co | ompletion€2, | 299,500.00 |) | | | | | | |
| SIGNED: /s/ | Brian Conne | ely | SIGNED: / | /s/ Thomas Greaney | | | | | Course |
| Barrett | | | | | | /s/ | | | Gerry |
| | /s/ N | Noel Dillor | 1 | <u>/s/ Gary Maharaj</u> | Purchaser | | | | |
| | Vendor | | - | | | | | | |
| WITNESS: | | | | _WITNESS: <u>/s/ Charl</u> | lie Olson | | | | |
| OCCUPATIO | N: | | | OCCUP | ATION: <u>SVP & G</u> | M Medical | <u>Device</u> | | |
| ADDRESS: <u>B</u> | <u>Ballinasloe</u> | | AD | DRESS: <u>SurModics,</u> | Inc. | _ | | | |
| As Stakeholde | er I/We ackno | wledge rec | eipt of Bank | a Draft/Cheque for € | in respect o | of deposit. | | | |
| SIGNED: | | | | | | | | | |

PARTICULARS AND TENURE

ALL THAT AND THOSE the property comprised in Folios 6709L and 7800L of the Register of Leaseholders, Co. Galway

Tenure - Leasehold

DOCUMENTS SCHEDULE

- 1.Copy Folio/File Plan GY7800L
- 2.Certified Copy Folio/File Plan GY6709L
- 3.Lease dated 23rd April, 2004 IDA and Vendors
- 4.Lease dated 2nd March, 2006 IDA and Vendors
- 5.Fire Certificate FS80/06
- 6.Fire Safety Certificate 152/08
- 7.Copy Commencement Notice
- 8Copy Planning PD2600
- 9.Planning Ref: 06/021
- 10.Copy Engineer's Certificate confirming compliance with Planning Permission and Building Regulations – Paul Dillon Architects;

SEARCHES SCHEDULE

None

SPECIAL CONDITIONS

- 1. Save where the context otherwise requires or implies or the text hereof expresses to the contrary, the definitions and provisions as to the interpretation set forth in the within General Conditions shall be applied for the purposes of these Special Conditions.
- 2. The said General Conditions shall:-

(a)apply to the sale in so far as the same are not hereby altered or varied, and these Special Conditions shall prevail in case of any conflict between them and the General Conditions.

(b)be read and construed without regard to any amendment therein, unless such amendment shall be referred to specifically in these Special Conditions.

3. The Sale is by way of a transfer of a business.

The Purchaser warrants to the Vendor that the Purchaser is an Accountable Person for the purposes of Section 20(2)(c) the VAT Act and the Purchaser has taken or will take all steps¹ necessary to be taken on the Purchaser's part so that the Sale will qualify for relief from VAT under Section 20(2)(c) of the VAT Act, and that the Sale of the subject property shall not be a supply of goods for the purposes of the VAT Act. The Purchaser shall indemnify and keep the Vendor indemnified against any loss, cost or liability which arises as a result of such warranty being or becoming untrue or incorrect in any respect due to the act, neglect or default of the Purchaser.

4 In so far as they are not hereby altered or varied or inconsistent with the provisions of this Agreement , the Incorporated Law Society of Ireland General Conditions of Sale (2009 Edition) are deemed to be incorporated herein and form part of this agreement

5. The Title shall commence with up to date copy Folio/File Plan GY6709L and GY7800L and be deduced therefrom. The Vendors are selling in their capacity as Beneficial Registered Owners thereof. No objection, requisition or enquiry shall be made with regard to prior title.

6. The Contract price includes the moveable 357 square metre class 100,000 clean room, AHU unit and ducting, clean room mez, clean room walls, gowning and material interlocks, electrical and pneumatic services, air and water filtration equipment, fire alarm system, unit and sensors, the security system, CCTVs, the monitoring station, compatible system, red wall monitoring ring on external building and the swipe card control door access system, all of which is valued at €455,000 and which shall pass by delivery to the Purchaser on completion

¹¹ For example, in the case of the sale of a let property, Revenue require the Purchaser to exercise the Landlord's Joint option to tax in respect a letting to which the Subject Property is subject.

7. The Planning Documentation listed in the Schedule hereto is the only Planning Documentation in the Vendors' possession. Items listed 8 - 10 are copies only. The Purchaser shall not call for the originals of same to be produced. Furthermore, the

Vendors shall not be called upon to provide any further evidence of compliance with Planning Permission or Building Regulations. Condition 36 is amended accordingly. No further objections, requisitions or enquiry shall be made in relation thereto.

8. The property in sale is subject to a first Legal Charge in favour of the IDA. This Charge has been redeemed and, if it is the case, that a Certificate of Discharge or alternatively an e-Discharge has not been lodged in respect of the Charge in advance of closing, the Purchasers shall not insist on same being discharged prior to closing but on closing shall accept the Vendors' Solicitors undertaking to procure a Deed of Discharge in respect thereof as soon as practicable following closing.

9.Folio GY6709L is subject to a Charge in favour of ACC Bank plc. The Purchasers shall not insist on this Charge being discharged in advance of closing but, on closing , shall accept the Vendors' Solicitors undertaking to discharge the outstanding Charge registered against the property out of the proceeds of sale and to procure a Deed of Discharge or alternatively an e-Discharge in respect of the Charge as soon as practicable following closing. The Purchasers note the position and no objection, requisition or enquiry shall be made in relation thereto.

10. The Purchasers shall accept such evidence of identity as may be gathered from the description in the copy documents specified in the Documents Schedule. The Purchasers shall be deemed to be aware of the physical boundaries, fences, ditches, hedges or walls of the property and the Vendors shall not be required to define same or to specify what boundaries, if any, are of a party nature or separately identify parts of the subject property held under different title.

11. The Purchasers are in occupation of the property in sale pursuant to a Lease Agreement under which they have full responsibility for payment of all Management Company fees and rates applicable to the property. The Purchasers therefore purchase will full knowledge of the situation with regard to Management Company fees and rates and no documentation vouching payment or receipts shall be produced in respect additional of same. Furthermore, no documentation vouching the tenancy of the property shall be called for or produced.

12. The Purchaser shall be deemed to have satisfied itself in relation to the actual state and condition of the Subject Property including any buildings or other structures on the property and shall raise no objection, requisition or enquiry in this regard.

SurModics, Inc. Computation of Ratio of Earnings to Fixed Charges

| | Nine Months Ended | Fiscal Year Ended September 30, | | | | |
|---|-------------------------|---------------------------------|--------------|-------------------------|--------------|---------------------------|
| | June 30, 2016 | 2015 | 2014 | 2013 | 2012 | 2011 |
| Earnings Pre-tax income from continuing operations | \$ 12,847,608 | \$18,241,415 | \$18,471,862 | \$20,359,694 | \$16,305,540 | \$16,528,559 |
| o o o o o o o o o o o o o o o o o o o | , ,, ,,,,,, | • -, , - | • -, , | • • • • • • • • • • • • | ,,. | • • • • • • • • • • • • • |
| Add: | | | | | | |
| Fixed charges (build up below) | 1,150,879 | 40,136 | 38,189 | 19,257 | 19,797 | 62,402 |
| Amortization of capitalized interest | — | — | — | | — | — |
| Distributed income of equity investees | | | _ | | — | — |
| Pre-tax losses of equity investees for which charges arising from | | | | | | |
| guarantees are included in fixed charges | — | — | — | | — | — |
| | | | | | | |
| Subtract: | | | | | | |
| Interest capitalized | | | | | | |
| Preference security dividend requirement | | | | _ | _ | _ |
| Non-controlling interest in pre-tax income of subsidiaries that have not incurred fixed charges | | | | | | |
| | \$ 13,998,487 | \$18,281,551 | \$18,510,051 | \$20,378,951 | \$16,325,337 | \$16,590,961 |
| Total Earnings Available for Fixed Charges | \$ 13,998,487 | \$18,281,551 | \$18,510,051 | \$20,378,951 | \$10,325,337 | \$10,590,901 |
| Fixed charges | | | | | | |
| Interest expensed and capitalized | \$ — | \$ | \$ | \$ | \$ — | \$ — |
| Amortized premiums, discounts and capitalized expenses related to | | | | | | |
| indebtedness | 1,070,396 | 17,822 | 16,337 | — | _ | — |
| Estimate of interest within rental expense(a) | 80,483 | 22,314 | 21,852 | 19,257 | 19,797 | 62,402 |
| Preference security dividend requirements of consolidated subsidiaries | | | | | | |
| Total Fixed Charges | \$ 1,150,879 | \$ 40,136 | \$ 38,189 | \$ 19,257 | \$ 19,797 | \$ 62,402 |
| Ratio of earnings to fixed charges(b) | 12.16x | 455.49x | 484.70x | 1058.24x | 824.65x | 265.87x |
| radio of carmings to fixed changes(b) | 12,103 | -555-55X | UX | 1000,244 | 027.0JA | 200.07A |

(a) Includes that portion of rental expense that management believes is representative of the interest component.

(b) We had no preferred stock outstanding during the periods presented and accordingly, the ratio of earnings to combined fixed charges and preferred stock dividends is equal to the ratio of earnings to fixed charges and is not disclosed separately.

CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Gary R. Maharaj, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of SurModics, Inc.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and we have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: July 29, 2016

Signature: /s/ Gary R. Maharaj

Gary R. Maharaj President and Chief Executive Officer

CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Andrew D.C. LaFrence, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of SurModics, Inc.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and we have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: July 29, 2016

Signature: /s/ Andrew D.C. LaFrence

Andrew D.C. LaFrence Vice President of Finance and Chief Financial Officer

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of SurModics, Inc. (the "Company") on Form 10-Q for the quarter ended June 30, 2016, as filed with the Securities and Exchange Commission (the "Report"), I, Gary R. Maharaj, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: July 29, 2016

Signature: /s/ Gary R. Maharaj

Gary R. Maharaj President and Chief Executive Officer

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of SurModics, Inc. (the "Company") on Form 10-Q for the quarter ended June 30, 2016, as filed with the Securities and Exchange Commission (the "Report"), I, Andrew D.C. LaFrence, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: July 29, 2016

Signature: /s/ Andrew D.C. LaFrence

Andrew D.C. LaFrence Vice President of Finance and Chief Financial Officer