
**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 September 30, 2018

OR

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

Commission File Number 001-33624

SINTX Technologies, Inc.
(previously known as Amedica Corporation)
(Exact name of registrant as specified in its charter)

DELAWARE
(State or other jurisdiction
of incorporation or organization)

84-1375299
(IRS Employer
Identification No.)

1885 West 2100 South, Salt Lake City, UT
(Address of principal executive offices)

84119
(Zip Code)

(801) 839-3500
(Registrant's telephone number, including area code)

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 No

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

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

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input checked="" type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act): Yes No

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date:

21,793,641 shares of common stock, \$0.01 par value, were outstanding at November 09, 2018.

SINTX Technologies, Inc.
(previously known as Ametica Corporation)
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SINTX Technologies, Inc.
(previously known as Amedica Corporation)
Condensed Consolidated Balance Sheets - Unaudited
(in thousands, except share and per share data)

	<u>September 30,</u> <u>2018</u>	<u>December 31,</u> <u>2017</u>
Assets		
Current assets:		
Cash and cash equivalents	\$ 6,793	\$ 539
Trade accounts receivable, net of allowance of \$116 and \$63, respectively	1,201	1,240
Prepaid expenses and other current assets	437	190
Inventories, net	817	775
Current assets held for sale	1,708	1,602
Total current assets	<u>10,956</u>	<u>4,346</u>
Property and equipment, net	150	284
Intangible assets, net	48	-
Goodwill	-	6,163
Other long-term assets	35	35
Long-term assets held for sale	959	1,162
Long-term intangible assets held for sale	2,249	2,651
Total assets	<u>\$ 14,397</u>	<u>\$ 14,641</u>
Liabilities and Stockholders' Equity		
Current liabilities:		
Accounts payable	\$ 703	\$ 1,732
Accrued liabilities	687	2,682
Debt	-	605
Derivative liabilities, current portion	1,566	896
Current liabilities held for sale	2,500	2,356
Total current liabilities	<u>5,456</u>	<u>8,271</u>
Deferred rent	205	179
Other long-term liabilities	141	288
Derivative liabilities, net of current portion	505	461
Total liabilities	<u>6,307</u>	<u>9,199</u>
Commitments and contingencies		
Stockholders' equity:		
Convertible preferred stock, \$0.01 par value, 130,000,000 shares authorized; 4,402 shares issued and outstanding.	-	-
Common stock, \$0.01 par value, 250,000,000 shares authorized, 21,041,962 and 3,028,065 shares issued and outstanding as of September 30, 2018 and December 31, 2017, respectively.	210	30
Additional paid-in capital	237,467	226,041
Accumulated deficit	(229,587)	(220,629)
Total stockholders' equity	<u>8,090</u>	<u>5,442</u>
Total liabilities and stockholders' equity	<u>\$ 14,397</u>	<u>\$ 14,641</u>

The condensed consolidated balance sheet as of December 31, 2017, has been prepared using information from the audited consolidated balance sheet as of that date.

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

SINTX Technologies, Inc.
(previously known as Ametica Corporation)
Condensed Consolidated Statements of Operations - Unaudited
(in thousands, except share and per share data)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Product revenue	\$ -	\$ -	\$ -	\$ -
Costs of revenue	-	-	-	-
Gross profit	-	-	-	-
Operating expenses:				
Research and development	549	1,023	1,979	2,624
General and administrative	654	901	3,316	2,742
Sales and marketing	-	50	42	204
Goodwill impairment	6,162	-	6,162	-
Total operating expenses	7,365	1,974	11,499	5,570
Loss from operations	(7,365)	(1,974)	(11,499)	(5,570)
Other income (expenses):				
Interest expense	(83)	(270)	(1,367)	(1,008)
Loss on extinguishment of derivative liabilities	-	-	(1,252)	-
Offering costs	-	-	(682)	(131)
Loss on extinguishment of debt	-	-	(340)	-
Change in fair value of derivative liabilities	4,480	756	6,500	2,938
Other income (loss), net	1	1	6	(2)
Total other income, net	4,398	487	2,865	1,797
Net loss before income taxes	(2,967)	(1,487)	(8,634)	(3,773)
Provision for income taxes	-	-	-	-
Loss from continuing operations	(2,967)	(1,487)	(8,634)	(3,773)
Loss from discontinued operations	(280)	(582)	(324)	(511)
Net loss	\$ (3,247)	\$ (2,069)	\$ (8,958)	\$ (4,284)
Deemed dividend related to the beneficial conversion feature and accretion of a discount on Series B preferred stock	(7,641)	-	(14,975)	-
Net loss attributable to common stockholders	\$ (10,888)	\$ (2,069)	\$ (23,933)	\$ (4,284)
Net loss per share				
Basic and diluted – continuing operations	\$ (0.24)	\$ (0.49)	\$ (1.18)	\$ (1.29)
Basic and diluted – discontinued operations	(0.02)	(0.19)	(0.04)	(0.18)
Basic and diluted – deemed dividend and accretion of a discount on conversion of Series B preferred stock	(0.61)	-	(2.05)	-
Basic and diluted – attributable to common stockholders	(0.87)	(0.68)	(3.28)	(1.47)
Weighted average common shares outstanding:				
Basic and diluted	12,559,129	3,022,073	7,306,295	2,918,240

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

SINTX Technologies, Inc.
(previously known as Ametica Corporation)
Condensed Consolidated Statements of Cash Flows - Unaudited
(in thousands)

	Nine Months Ended September 30,	
	2018	2017
Cash flow from operating activities		
Net loss	\$ (8,958)	\$ (4,284)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation expense	75	-
Amortization of lease incentive for tenant improvements	25	15
Non-cash interest expense	956	675
Loss on extinguishment of debt	340	-
Stock based compensation	40	173
Change in fair value of derivative liabilities	(6,500)	(2,938)
Loss on disposal of equipment	54	2
Loss on extinguishment of derivative liabilities	1,252	-
Provision for inventory reserve	-	1,300
Offering costs	-	131
Loss on impairment of goodwill	6,162	-
Changes in operating assets and liabilities:		
Prepaid expenses and other current assets	(246)	63
Inventories	(47)	34
Accounts payable and accrued liabilities	(899)	(323)
Net cash used in operating activities – continuing operations	(7,746)	(5,312)
Net cash provided by (used in) operating activities – discontinued operations	(207)	756
Net cash used in operating activities	(7,953)	(4,396)
Cash flows from investing activities		
Purchase of property and equipment	(152)	(917)
Purchase of intangible asset	(50)	-
Proceeds from sale of property and equipment	8	-
Net cash used in investing activities	(194)	(917)
Cash flows from financing activities		
Proceeds from issuance of warrant derivative liabilities, net of issuance costs (\$682)	7,577	679
Proceeds from issuance of preferred stock, net of issuance costs (\$668)	6,749	-
Proceeds from issuance of common stock in connection with the exercise of warrants, net of issuance costs	1,652	-
Proceeds from the issuance of debt	705	2,500
Proceeds from the issuance of common stock	-	3,128
Issuance costs paid for debt	-	(50)
Payments on debt	(2,282)	(5,043)
Net cash provided by financing activities	14,401	1,214
Net increase (decrease) in cash and cash equivalents	6,254	(4,099)
Cash and cash equivalents at beginning of period	539	6,915
Cash and cash equivalents at end of period	\$ 6,793	\$ 2,816
Noncash investing and financing activities		
Debt exchange	\$ 2,265	\$ -
Payment of debt with common stock	1,453	-
Extinguishment of derivative liabilities through exercise of warrants	565	-
Warrants issued in association with debt	98	-
Debt discount from warrants issued with debt	-	189
Supplemental cash flow information		
Cash paid for interest	\$ 405	\$ 333

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

SINTX TECHNOLOGIES, INC.
(previously known as Amedica Corporation)
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

1. Organization and Summary of Significant Accounting Policies

Organization

SINTX Technologies, Inc. (previously known as Amedica Corporation) was incorporated in the state of Delaware on December 10, 1996. SINTX Technologies, Inc. is a materials company focused on developing, manufacturing and selling silicon nitride ceramics that are used in medical implants and in a variety of industrial devices. At present, SINTX Technologies, Inc. commercializes silicon nitride in the spine implant market and believes that its silicon nitride manufacturing expertise positions it favorably to introduce new and innovative products in the medical and non-medical fields. SINTX Technologies, Inc. also believes that it is the first and only company to commercialize silicon nitride medical implants. SINTX Technologies, Inc. acquired ST Sub, Inc. (previously known as “US Spine, Inc.”) (“ST Sub”), a Delaware spinal products corporation with operations in Florida, on September 20, 2010. SINTX Technologies, Inc. and ST Sub are collectively referred to as “SINTX” or “the Company” in these condensed consolidated financial statements. The Company’s products are sold primarily in the United States.

Basis of Presentation

These unaudited condensed consolidated financial statements have been prepared in accordance with the rules and regulations of the United States Securities and Exchange Commission (“SEC”) and include all assets and liabilities of SINTX Technologies, Inc. and its wholly-owned subsidiary, ST Sub. All material intercompany transactions and balances have been eliminated in consolidation. SEC rules and regulations allow the omission of certain information and note disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States, so long as the statements are not misleading. In the opinion of management, these financial statements and accompanying notes contain all adjustments (consisting of normal recurring adjustments) necessary to present fairly the financial position and results of operations for the periods presented herein. These condensed consolidated financial statements should be read in conjunction with the consolidated audited financial statements and notes thereto contained in the Company’s Annual Report on Form 10-K for the year ended December 31, 2017, filed with the SEC on March 29, 2018. The results of operations for the nine months ended September 30, 2018 are not necessarily indicative of the results to be expected for the year ending December 31, 2018. The Company’s significant accounting policies are set forth in Note 1 to the consolidated financial statements in its Annual Report on Form 10-K for the year ended December 31, 2017.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States (“U.S. GAAP”) requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities as of the date of the financial statements and the reported amounts of revenue and expenses during the periods then ended. Actual results could differ from those estimates. The most significant estimates relate to inventory, stock-based compensation, long-lived and intangible assets and the liability for preferred stock and common stock warrants.

Liquidity and Capital Resources

The condensed consolidated financial statements have been prepared assuming the Company will continue to operate as a going concern, which contemplates the realization of assets and settlement of liabilities in the normal course of business, and do not include any adjustments to reflect the possible future effects on the recoverability and classification of assets or the amounts and classifications of liabilities that may result from uncertainty related to its ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements.

For the nine months ended September 30, 2018 and 2017, the Company incurred net losses of \$9.0 million and \$4.3 million, respectively, and used cash in operations of \$8.0 million and \$4.4 million, respectively. The Company had an accumulated deficit of \$229.6 million and \$220.6 million as of September 30, 2018 and December 31, 2017, respectively. To date, the Company’s operations have been principally financed by proceeds received from the issuance of preferred and common stock, convertible debt and bank debt and, to a lesser extent, cash generated from product sales. It is anticipated that the Company will continue to generate operating losses and use cash in operating activities. The Company’s continuation as a going concern is dependent upon its ability to increase sales, develop new products, implement cost saving measures and/or raise additional funds through the capital markets. Whether and when the Company can attain profitability and positive cash flows from operating activities or obtain additional financing is uncertain. These uncertainties create substantial doubt about our ability to continue as a going concern. The consolidated financial statements do not include any adjustments that might result from the outcome of these uncertainties.

In 2016, the Company implemented certain cost saving measures, including workforce and office space reductions, and will continue to evaluate additional cost savings alternatives during 2018. These additional cost savings measures may include additional workforce and research and development reductions, as well as cuts to certain other operating expenses. In addition to these cost-saving measures, the Company is actively generating additional scientific and clinical data to have it published in leading industry publications. The unique features of the Company’s silicon nitride material are not well known, and the Company believes that the publication of such data would help sales efforts as the Company approaches new prospects. On October 1, 2018, the Company sold the retail spine business (see Note 11). This sale will provide cash flows totaling \$2.5 million over the next eighteen months and \$3.5 million for the following eighteen months. The buyer also assumed the Company’s \$2.5 million related party note payable.



The Company has common stock that is publicly traded and has been able to successfully raise capital when needed since the date of the Company's initial public offering. The Company has engaged in discussions with investment and banking firms to examine financing alternatives, including options to encourage the exercise of outstanding warrants. In March 2018, the Company closed on gross proceeds of \$1.4 million, before payment of placement agent fees and costs on a warrant repriced and exercise transaction (see Note 8). Additionally, on May 14, 2018, we closed on a public offering of units, consisting of convertible preferred stock and warrants, for gross proceeds of \$15.0 million, which excludes underwriting discounts and commissions and offering expenses payable by the Company.

Reverse Stock Split

On November 10, 2017, the Company effected a 1 for 12 reverse stock split of the Company's common stock. The par value and the authorized shares of the common and convertible preferred stock were not adjusted as a result of the reverse stock split. All common stock share and per-share amounts for all periods presented in these condensed consolidated financial statements have been adjusted retroactively to reflect the reverse stock split.

Significant Accounting Policies

There have been no significant changes to the Company's significant accounting policies as described in the Company's Annual Report on Form 10-K for the year ended December 31, 2017.

New Accounting Pronouncements Not Yet Adopted

In August 2016, the Financial Accounting Standards Board ("FASB") updated accounting guidance on the following eight specific cash flow classification issues: (1) debt prepayment or debt extinguishment costs; (2) settlement of zero-coupon debt instruments or other debt instruments with coupon interest rates that are insignificant in relation to the effective interest rate of the borrowing; (3) contingent consideration payments made after a business combination; (4) proceeds from the settlement of insurance claims; (5) proceeds from the settlement of corporate-owned life insurance policies, including bank-owned life insurance policies; (6) distributions received from equity method investees; (7) beneficial interests in securitization transactions; and (8) separately identifiable cash flows and application of the predominance principle. Under existing U.S. GAAP, there is no specific guidance on the eight cash flow classification issues aforementioned. These updates are effective for the Company for its annual period beginning January 1, 2019, and interim periods therein, with early adoption permitted. The guidance in this standard is not expected to have a material impact on the financial statements of the Company.

In February 2016, the FASB updated the accounting guidance related to leases as part of a joint project with the International Accounting Standards Board ("IASB") to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. Under the new guidance, a lessee will be required to recognize assets and liabilities for capital and operating leases with lease terms of more than 12 months. Additionally, this update will require disclosures to help investors and other financial statement users better understand the amount, timing, and uncertainty of cash flows arising from leases, including qualitative and quantitative requirements. The standard is effective for the Company for its annual period beginning January 1, 2020, and interim periods therein, with early adoption permitted. The Company is currently evaluating the potential impact this new standard may have on its financial statements but believes the most significant change will relate to building leases.

In May 2014, in addition to several amendments issued during 2016, the FASB updated the accounting guidance related to revenue from contracts with customers, which supersedes nearly all existing revenue recognition guidance under U.S. GAAP. The core principle is that a company should recognize revenue when promised goods or services are transferred to customers in an amount that reflects the consideration to which an entity expects to be entitled for those goods or services. The standard defines a five-step process to achieve this core principle and, in doing so, more judgment and estimates may be required within the revenue recognition process than are required under existing U.S. GAAP. The standard is effective for the Company for its annual period beginning January 1, 2019, and interim periods therein, and shall be applied either retrospectively to each period presented or as a cumulative-effect adjustment as of the date of adoption. The guidance in this standard is not expected to have a material impact on the financial statements of the Company.

The Company has reviewed all other recently issued, but not yet adopted, accounting standards, in order to determine their effects, if any, on its results of operations, financial position or cash flows. Based on that review, the Company believes that no other pronouncements will have a significant effect on its financial statements.

New Accounting Pronouncements Adopted During the Nine Months Ended September 30, 2018

The Company early adopted ASU 2017-04 *Intangibles—Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment*. The amendments in this guidance eliminate the requirement to calculate the implied fair value of goodwill used to measure goodwill impairment charge (Step 2). As a result, an impairment charge will equal the amount by which a reporting unit's carrying amount exceeds its fair value, not to exceed the amount of goodwill allocated to the reporting unit. An entity still has the option to perform the qualitative assessment for a reporting unit to determine if the quantitative impairment test is necessary. The amendment should be applied on a prospective basis. The Company recorded goodwill impairment during the quarter ended September 30, 2018, as the Company's carrying value exceeded market capitalization.

In March 2016, the FASB updated the accounting guidance related to stock compensation. This update simplifies the accounting for employee share-based payment transactions, including the accounting for income taxes, forfeitures, and statutory tax withholding requirements, as the well as classification in the statement of cash flows. The standard was effective for the Company for its annual period beginning January 1, 2018. The guidance in this standard did not have a material impact on the financial statements of the Company.

The Company early adopted ASU 2017-11 - *Earnings Per Share (Topic 260); Distinguishing Liabilities from Equity (Topic 480); Derivatives and Hedging (Topic 815): (Part I) Accounting for Certain Financial Instruments with Down Round Features, (Part II) Replacement of the Indefinite Deferral for Mandatorily Redeemable Financial Instruments of Certain Nonpublic Entities and Certain Mandatorily Redeemable Noncontrolling Interests with a Scope Exception*. This update changed the classification analysis of certain equity-linked financial instruments (or embedded features) with down round features. When determining whether certain financial instruments should be classified as liabilities or equity instruments, a down round feature no longer precludes equity classification when assessing whether the instrument is indexed to an entity's own stock. As a result, a freestanding equity-linked financial instrument (or embedded conversion option) no longer would be accounted for as a derivative liability at fair value as a result of the existence of a down round feature. The adoption of this update did not change the accounting conclusions related to any instruments issued prior to the adoption of this update as of January 1, 2018.

2. Basic and Diluted Net Loss per Common Share

Basic net loss per share is calculated by dividing the net loss by the weighted-average number of common shares outstanding for the period, without consideration for common stock equivalents. Diluted net loss per share is calculated by dividing the net loss by the weighted-average number of common share equivalents outstanding for the period determined using the treasury-stock method. Dilutive common stock equivalents are primarily comprised of warrants for the purchase of common stock, Series B Convertible Preferred stock and stock options. For all periods presented, there is no difference in the number of shares used to calculate basic and diluted shares outstanding because their effect would have been anti-dilutive due to the Company reporting a net loss. The Company had potentially dilutive securities, shares of common stock, totaling approximately 22.9 million and 1.5 million as of September 30, 2018 and 2017, respectively.

3. Inventories, net

Inventories consisted of the following (in thousands):

	September 30, 2018	December 31, 2017
Raw materials	\$ 682	\$ 740
WIP	135	52
Finished goods inventories held for sale	1,708	1,585
	<u>\$ 2,525</u>	<u>\$ 2,377</u>

4. Intangible Assets

Intangible assets consisted of the following (in thousands):

	September 30, 2018	December 31, 2017
Trademarks	50	-
Intangible assets held for sale	9,587	9,587
	9,637	9,587
Less: accumulated amortization	(7,340)	(6,936)
	<u>\$ 2,297</u>	<u>\$ 2,651</u>

Amortization expense is expected to be approximately \$1 thousand for the remainder of 2018 and \$5 thousand a year for 2019 through 2028.

5. Fair Value Measurements

Financial Instruments Measured and Recorded at Fair Value on a Recurring Basis

The Company has issued certain warrants to purchase shares of common stock, which are considered derivative liabilities because they have registration rights which could require a cash settlement and are re-measured to fair value at each reporting period in accordance with accounting guidance. Fair value is based on the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, under a three-tier fair value hierarchy which prioritizes the inputs used in measuring fair value as follows:

Level 1 - quoted market prices for identical assets or liabilities in active markets.

Level 2 - observable prices that are based on inputs not quoted on active markets but corroborated by market data.

Level 3 - unobservable inputs reflecting management's assumptions, consistent with reasonably available assumptions made by other market participants. These valuations require significant judgment.

The Company classifies assets and liabilities measured at fair value in their entirety based on the lowest level of input that is significant to their fair value measurement. No financial assets were measured on a recurring basis as of September 30, 2018 and December 31, 2017. The following tables set forth the financial liabilities measured at fair value on a recurring basis by level within the fair value hierarchy as of September 30, 2018 and December 31, 2017:

Description	Fair Value Measurements as of September 30, 2018			
	Level 1	Level 2	Level 3	Total
Derivative liability				
Common stock warrants	\$ -	\$ -	\$ 2,071	\$ 2,071

Description	Fair Value Measurements as of December 31, 2017			
	Level 1	Level 2	Level 3	Total
Derivative liability				
Common stock warrants	\$ -	\$ -	\$ 1,357	\$ 1,357

The Company did not have any transfers of assets and liabilities between Level 1 and Level 2 of the fair value measurement hierarchy during the nine months ended September 30, 2018 and 2017.

	Common Stock Warrants
Balance as of December 31, 2016	\$ (3,665)
Issuances of warrants classified as derivatives	(810)
Change in fair value	2,938
Balance as of September 30, 2017	<u>\$ (1,537)</u>
Balance as of December 31, 2017	\$ (1,357)
Issuances of warrants classified as derivatives	(7,577)
Change in fair value	6,500
Exercise of warrants	575
Other, net	(212)
Balance as of September 30, 2018	<u><u>\$ (2,071)</u></u>

Common Stock Warrants

The Company has issued certain warrants to purchase shares of common stock, which are considered derivative liabilities because they have registration rights which could require a cash settlement and are re-measured to fair value at each reporting period in accordance with accounting guidance. As of September 30, 2018, and December 31, 2017, \$0.02 million and \$0.5 million, respectively, of the derivative liability was calculated using the Black-Scholes-Merton valuation model. As of September 30, 2018, and December 31, 2017, \$2.0 million and \$0.9 million of the derivative liability was calculated using the Monte Carlo Simulation valuation model.

The assumptions used in estimating the common stock warrant liability using the Black-Scholes-Merton valuation model as of September 30, 2018 and December 31, 2017 were as follows:

	September 30, 2018	December 31, 2017
Weighted-average risk-free interest rate	2.58%	1.89%
Weighted-average expected life (in years)	1.3	1.9
Expected dividend yield	-%	-%
Weighted-average expected volatility	153%	107%

The assumptions used in estimating the common stock warrant liability using the Monte Carlo Simulation valuation model as of September 30, 2018 and December 31, 2017 were as follows:

	September 30, 2018	December 31, 2017
Weighted-average risk-free interest rate	2.88%	2.2%
Weighted-average expected life (in years)	2.9	3.6
Expected dividend yield	-%	-%
Weighted average expected volatility	68%	64%

In addition, if at any time after the second anniversary of the issuance of the warrant, both: (1) the 30-day volume weighted average price of the Company's stock exceeds \$3.00; and (2) the average daily trading volume for such 30-day period exceeds \$350,000, the Company may call this warrant for \$0.01 per share. Because of the call provisions, management believes the Monte Carlo Simulation valuation model provides a better estimate of fair value for the warrants issued during July 2016 and January 2017 than the Black-Scholes-Merton valuation model.

6. Accrued Liabilities

Accrued liabilities consisted of the following (in thousands):

	September 30, 2018	December 31, 2017
Payroll and related expense	\$ 336	\$ 311
Commissions	204	477
Royalties	89	96
Interest payable	-	6
Final loan payment fees	-	1,650
Other	58	142
	<u>\$ 687</u>	<u>\$ 2,682</u>

7. Debt

L2 Capital Debt

On January 31, 2018, the Company signed a promissory note in the aggregate principal amount of up to \$0.84 million (the “L2 Note”) for an aggregate purchase price of up to \$0.75 million and warrants to purchase up to an aggregate of 68,257 shares of common stock of the Company (the “Warrants”) at an exercise price of \$3.31 per share. The Warrants also contained a cashless exercise provision that, if utilized, could have resulted in the issuance of additional shares of the Company’s common stock in excess of 68,257 shares. The maturity date was six months from date of funding. The L2 Note’s interest rate was 8% per year and a default interest rate of 18% per year. The L2 Note was able to be converted by the holder of the L2 Note at any time following an event of default. The conversion price of the L2 Note in the event of a default was equal to the product of (i) 0.70 multiplied by (ii) the lowest volume weighted average price, or VWAP, of the Company’s common stock during the 20-day trading period ending in the holder of the L2 note’s sole discretion on the last complete trading day prior to conversion, or, the conversion date.

On May 14, 2018, the Company closed on an underwritten public offering of units, consisting of convertible preferred stock and warrants, for gross proceeds of \$15.0 million. Part of the proceeds from this offering were used to pay off the outstanding debt with L2 Capital. The total payoff amount totaled \$1.1 million, with a net of \$0.7 in principal and \$0.4 in interest.

Hercules and MEF I, LP/Anson Investments Debt Exchange

On January 3, 2018, the Company entered into an Assignment Agreement (the “Assignment Agreement”) with MEF I, LP and Anson Investments Master Fund (collectively the “Assignees” and each an “Assignee”), Hercules Technology III, L.P. (“HT III”) and Hercules Capital, Inc. (“HC” and, together with HT III, “Hercules”), pursuant to which Hercules assigned to the Assignees all amounts remaining due under the Loan and Security Agreement, dated June 30, 2014, as amended, between the Company and Hercules (the “Loan and Security Agreement”) and (2) the note (the “Hercules Note”) between the Company and Hercules evidencing the amounts due under the Loan and Security Agreement. The total amount assigned by Hercules to the Assignees in the aggregate was \$2.3 million and was secured by the same collateral underlying the Loan and Security Agreement. Subsequently, the Company entered into an exchange agreement pursuant to which the Assignees agreed to exchange the Hercules Term Loan obligation acquired by them for two senior secured convertible promissory notes issued by the Company, each in the principal amount of \$1.1 million for an aggregate principal amount of \$2.2 million, (the “Exchange Notes”). The Exchange Notes were scheduled to mature on February 3, 2019 (the “Maturity Date”). The Exchange Notes had interest at a rate of 15% per annum. Prior to the Maturity Date, principal and interest accrued under the Exchange Notes was payable in cash or, if certain conditions were met, payable in shares of common stock of the Company. All principal accrued under the Exchange Notes was convertible into shares of the Company’s common stock (“Conversion Shares”) at the election of the holders at any time at a fixed conversion price of \$3.87 per share. Upon the occurrence of an event of default, the Assignees were entitled to convert all or any part of their Exchange Notes at a conversion price (the “Alternate Conversion Price”) equal to 70% of the lowest traded price of the Company’s common stock during the ten trading days prior to the conversion date, provided that (i) in no event was the Alternate Conversion Price less than \$1.75 per share and (ii) the Assignees were not entitled to receive more than 19.99% of the outstanding common stock. So long as these Exchange Notes remained outstanding or the Assignees held any Conversion Shares, the Company was prohibited from entering into any financing transaction pursuant to which the Company sells its securities at a price lower than \$1.75 per share. The Exchange Notes were secured by a first priority security interest in substantially all assets, including intellectual property, of the Company and contains covenants restricting payments to certain Company affiliates.

On May 14, 2018, the Company closed on an underwritten public offering of units, consisting of convertible preferred stock and warrants, for gross proceeds of \$15.0 million. Part of the proceeds from this offering were used to pay off the outstanding debt with MEF I, L.P. and Anson Investments. The total payoff was \$1.6 million, with \$1.4 million in principal and \$0.2 million in interest.

North Stadium Term Loan – Related Party

On July 28, 2017, the Company entered into a \$2.5 million term loan (the “North Stadium Loan”) with North Stadium Investments, LLC (“North Stadium”), a company owned and controlled by the Company’s Chief Executive Officer and Chairman of the Board. The North Stadium Loan bears interest at 10% per annum and requires the Company to make monthly interest only payments from September 5, 2017 through July 5, 2018. All principal and unpaid interest (if any) under the Loan are due and payable on July 28, 2018. The North Stadium Loan is secured by substantially all of the Company’s assets. In connection with the North Stadium Loan, the Company also issued North Stadium a warrant to purchase up to 55,000 shares of the Company’s common stock at a purchase price of \$5.04 per share, subject to a 5-year term. The relative estimated value of the warrants on the date of grant approximated \$0.2 million, was recorded as a debt discount and is being amortized as interest expense over the life of the term loan.

In July 2018, the Company entered into an extension to the term loan with North Stadium Investments, LLC. The extension moved the due date of the loan from July 28, 2018 to October 28, 2018, at which time all principal and unpaid interest are due and payable. The monthly interest only payments will continue through the payoff on October 28, 2018. On October 1, 2018, the liability for the North Stadium Term Loan will be sold to CTL Medial as part of the sales transaction for the retail spine business.

See Note 11 for an explanation of assumption of the North Stadium Term Loan – Related Party in association with the sale of the Spine business subsequent to year end.

Hercules Term Loan

On June 30, 2014, the Company entered into a Loan and Security Agreement with Hercules which provided the Company with a \$20.0 million term loan. The Hercules Term Loan matured on January 1, 2018. The Hercules Term Loan included a \$0.2 million closing fee, which was paid to Hercules on the closing date of the loan. The closing fee was recorded as a debt discount and was amortized to interest expense over the life of the loan. The Hercules Term Loan also included a non-refundable final payment fee of \$1.7 million. The final payment fee was accrued and recorded to interest expense over the life of the loan. On January 3, 2018, the Hercules Term Loan and all amounts owing thereunder were assigned to MEF I and Anson Investments. See discussion above for a more detailed description of that transaction.

See discussion below with respect to the assignment of \$3.0 million of the principal balance of the Hercules Term Loan to Riverside Merchant Partners, LLC (“Riverside”) and the subsequent agreement between the Company and Riverside to exchange the \$3.0 million of the Hercules Term Loan held by Riverside for subordinated convertible promissory notes in the aggregate principal amount of \$3.0 million.

Hercules and Riverside Debt Exchange

On April 4, 2016, the Company entered into an Assignment and Second Amendment to Loan and Security Agreement (the “Assignment Agreement”) with Riverside and Hercules, pursuant to which Hercules sold \$1.0 million of the principal amount outstanding under the Hercules Term Loan to Riverside. In addition, pursuant to the terms of the Assignment Agreement, Riverside acquired an option to purchase an additional \$2.0 million of the principal amount outstanding under the Hercules Term Loan from Hercules. Riverside subsequently exercised its option in full and acquired the additional \$2.0 million of the outstanding principal amount of the Hercules Term Loan.

8. Equity

July-September 2018 Preferred Stock Conversion

During July, August and September of 2018, Series B Convertible Preferred shareholders of the Company converted 6,526 shares of Series B Convertible Preferred Stock into 13,260,780 shares of common stock.

August 2018 Warrant Exercise

During August 2018, pursuant to the cashless exercise provision contained in their warrant, L2 Capital exercised its warrants and was issued 242,063 shares of common stock. The L2 Capital warrant is no longer outstanding.

July 2018 Warrant Exercise

During May 2018, the Company closed on a public offering, consisting of both convertible preferred stock and warrants. During July 2018, 29,927 of the warrants were exercised and converted into 29,927 shares of common stock.

May-June 2018 Preferred Stock Conversion

During both May 2018 and June 2018, Series B Convertible Preferred shareholders of the Company converted 4,072 shares of Series B Convertible Preferred Stock into 3,086,570 shares of common stock.

May 2018 Warrant Exercise (July 2016 Warrants)

During March 2018, the Company repriced 832,000 warrants dated July 8, 2016 from \$12 to \$2.125 (for further description see *Warrant Reprice March 2018 below*). During May 2018, an additional 145,834 of the repriced warrants were exercised resulting in gross proceeds to the Company of \$0.3 million.

May 2018 Unit Offering

On May 14, 2018, the Company closed on an underwritten public offering of units (“the Units”), consisting of convertible preferred stock and warrants, for gross proceeds of \$15.0 million, which excludes underwriting discounts and commissions and offering expenses payable by SINTX. The offering was priced at a public offering price of \$1,000 per unit. Each unit consisted of one share of Series B Convertible Preferred Stock, with a stated value of \$1,100, and warrants to purchase up to 758 shares of common stock (the “May 2018 Warrants”). The May 2018 Warrants are initially exercisable at an exercise price of \$1.60 per share and expire 5 years from the date of issuance. The Series B Preferred Stock is convertible into shares of common stock by dividing the stated value of \$1,100 by: (i) for the first 40 trading days following the closing of this offering, \$1.4512 (the “Conversion Price”), (ii) after 40 trading days but prior to the 81st trading day, the lesser of (a) the Conversion Price and (b) 87.5% of the lowest volume weighted average price for our Common Stock as reported at the close of trading on the market reporting trade prices for the Common Stock during the five trading days prior to the 41st trading day, and (iii) after 80 trading days, the lesser of (a) the Conversion Price and (b) 87.5% of the lowest volume weighted average price for our Common Stock as reported at the close of trading on the market reporting trade prices for the Common Stock during the five trading days prior to the date of the notice of conversion. In the case of (ii)(b) and (iii)(b) above, the share price shall not be less than \$0.48 (the “Floor Price”). Each of the Conversion Price and Floor Price is subject to adjustment in certain circumstances.

The Company raised \$15.0 million associated with the issuance of the Units, with \$6.8 million, net of issuance costs of \$0.6 million, allocated to the preferred stock and \$6.9 million, net of issuance costs of \$0.7 million, allocated to the warrants. In association with the warrants that were recorded as a derivative liability, the Company immediately expensed approximately \$0.7 million of issuance costs. The 15,000 preferred shares were initially convertible into 11,369,900 shares of common stock and had an effective conversion rate of \$1.45 per share based on the proceeds that were allocated to them. The conversion price was adjusted to \$0.6543, effective July 12, 2018, and was adjusted again on September 7, 2018 to \$0.48.

Warrant Reprice March 2018

During the three months ended March 31, 2018, the Company entered into a warrant amendment agreement (the “Amendment Agreement”) with certain holders of previously issued Series E Common Stock Purchase Warrants (collectively, “Investors”). In connection with that certain Series E Common Stock Purchase Warrant between the Company and Investors dated July 8, 2016, the Company issued to Investors warrants to purchase up to 832,000 shares of common stock (the “Warrant Shares”) at an exercise price of \$12.00 per share, (the “Investors Warrants”). Under the terms of the Amendment Agreement, in consideration of Investors exercising 668,335 of the Investors Warrants (the “Warrant Exercise”), the exercise price per share of the Investor Warrants was reduced to \$2.125 per share. 668,335 of the Investors Warrants were exercised resulting in gross proceeds to the Company of \$1.4 million before payment of placement agent fees and costs. In addition, and as further consideration, the Company issued to Investors new warrants to purchase up to the number of shares of common stock equal to 100% of the number of Warrant Shares issued pursuant to the Warrant Exercise at an

exercise price per share equal to \$2.00 per share.

January 2017 Offering

During 2017, the Company completed a secondary offering in which the Company sold 741,667 shares of common stock and warrants to purchase 363,750 shares of common stock. The Company received approximately \$3.9 million in proceeds from the offering, with \$3.1 million, net of issuance costs of \$0.6 million, allocated to common stock and \$0.8 million allocated to the warrants. In association with the warrants that were recorded as a derivative liability, the Company immediately expensed \$0.1 million of issuance costs. The warrants became exercisable on the closing date, expire on the five-year anniversary of the closing date, and have an initial exercise price per share equal to \$6.60 subject to adjustments for events of recapitalization, stock dividends, stock splits, stock combinations, reclassifications, reorganizations or similar events affecting the Company's common stock.

July 2016 Offering

In July 2016, the Company completed a secondary offering in which the Company sold 5,258,000 Class A Units, including 1,650,000 units sold pursuant to the exercise by the underwriters of their over-allotment option, priced at \$1.00 per unit, and 7,392 Class B Units, priced at \$1,000 per unit. Each Class A Unit consisted of 1/12th share of common stock and one warrant to purchase 1/12th share of common stock. Each Class B Unit consisted of one share of preferred stock convertible into 83 shares of common stock and warrants to purchase 83 shares of common stock. The securities comprising the units were immediately separable and were issued separately. In total, the Company issued 438,167 shares of common stock, 7,392 shares of preferred stock convertible into 616,000 shares of common stock and warrants to purchase 1,054,167 shares of common stock at a fixed exercise price of \$12.00 per share. The Company received proceeds of approximately \$11.4 million, net of underwriting and other offering costs.

The Company raised \$4.9 million associated with the Class A Units, with \$2.5 million, net of issuance costs of \$0.3 million, allocated to the common stock and \$2.4 million allocated to the warrants. The Company also raised \$7.0 million associated with the Class B Units with \$3.6 million, net of issuance costs of \$0.4 million, allocated to preferred stock and \$3.4 million allocated to the warrants. The \$5.8 million allocated to warrants were recorded as a derivative liability. In association with the warrants that were recorded as a derivative liability, the Company immediately expensed approximately \$0.5 million of issuance costs. The 7,392 preferred shares were convertible into 616,000 shares of common stock and had an effective conversion rate of \$6.48 per share based on the proceeds that were allocated to them.

Subsequent to the secondary offering, all 7,392 shares of convertible preferred stock have been converted into 616,000 shares of common stock. Furthermore, the Company received \$0.4 million and issued 37,208 shares of common stock upon the exercise of certain warrants issued in the secondary offering.

9. Stock-Based Compensation

A summary of the Company's outstanding stock option activity for the nine months ended September 30, 2018 is as follows:

	Options	Weighted- Average Exercise Price	Weighted- Average Remaining Contractual Life (Years)	Intrinsic Value
As of December 31, 2017	11,302	\$ 264.26	7.3	\$ -
Granted	-	-	-	-
Exercised	-	-	-	-
Forfeited	-	-	-	-
Expired	-	-	-	-
As of September 30, 2018	11,302	\$ 264.26	6.5	\$ -
Exercisable as of September 30, 2018	10,422	\$ 266.80	7.4	\$ -
Expected to vest as of September 30, 2018	11,302	\$ 264.26	6.5	\$ -

The Company estimates the fair value of each stock option on the grant date using the Black-Scholes-Merton valuation model, which requires several estimates including an estimate of the fair value of the underlying common stock on grant date. The expected volatility was based on an average of the historical volatility of a peer group of similar companies. The expected term was calculated utilizing the simplified method. The risk-free interest rate was based on the U.S. Treasury yield curve in effect at the time of grant for the expected term of the option.

Summary of Stock-Based Compensation Expense

Total stock-based compensation expense included in the condensed consolidated statements of operations is allocated as follows (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Cost of revenue	\$ -	\$ -	\$ -	\$ 10
Research and development	-	11	1	61
General and administrative	3	23	22	69
Selling and marketing	2	20	17	33
	<u>\$ 5</u>	<u>\$ 54</u>	<u>\$ 40</u>	<u>\$ 173</u>

As of September 30, 2018, there is no unrecognized stock-based compensation.

10. Commitments and Contingencies

From time to time, the Company is subject to various claims and legal proceedings covering matters that arise in the ordinary course of its business activities. Management believes any liability that may ultimately result from the resolution of these matters will not have a material adverse effect on the Company's consolidated financial position, operating results or cash flows.

11. Subsequent Events

On October 1, 2018, the Company completed the sale of its spine business to CTL Medical, a Dallas, Texas-based privately held medical device manufacturer. The gain on the sale of the retail spine business is estimated to approximate \$1.2 million, which will be recognized during the quarter ended December 31, 2018.

The Company and CTL Medical entered in an asset purchase agreement whereby CTL Medical agreed to acquire all of the Company's commercial spine business for total consideration of \$8.5 million, which includes a \$6.0 million noninterest bearing note receivable and CTL Medical's assumption of the Company's \$2.5 million related party note payable. As a result of the closing, CTL Medical is now the exclusive owner of Amedica's portfolio of metal and silicon nitride spine products, which are presently sold under the brand names of Taurus, Preference, and Valeo, with access to future silicon nitride spine technologies. The Company has agreed to pay the cost, if any, to re-sterilize and re-package select silicon nitride spinal inventories sold to CTL Medical if the sterilization date expires prior to CTL Medical selling the inventories to a third-party customer. The Company estimates the sterilization and repackaging cost to approximate \$0.5 million. Manufacturing, R&D, and all intellectual property related to the core, non-spine, biomaterial technology of silicon nitride remains with the Company in Salt Lake City. The Company will serve as CTL's exclusive OEM provider of silicon nitride products.

On October 30, 2018, the Company amended its Certificate of Incorporation with the State of Delaware to change its corporate name to SINTX Technologies, Inc. in order to better reflect its focus on silicon nitride science and technologies and pipeline of silicon nitride-based products in various biomedical applications. The Company also changed its trading symbol on the NASDAQ Capital Market to "SINT".

The previous name, Amedica, has transferred to CTL Medical, which is now CTL-Amedica. The Company's new corporate brand reflects both the Company's core competence in the science and production of silicon nitride ceramics, as well as encouraging prospects for the future, as an OEM supplier of spine implants to CTL-Amedica, and several opportunities outside of spine. As SINTX Technologies Inc., the Company will focus on developing silicon nitride in terms of product design, and future biomaterial formulations, for a variety of OEM customers.

12. Discontinued Operations

As previously disclosed in Note 11, the Company completed the sale of its spine business in October 2018. Below is a summary of the retail spine operations that were sold.

SINTX Technologies, Inc.
(previously known as Amedica Corporation)
Condensed Consolidated Balance Sheets - Unaudited
(in thousands, except share and per share data)

	<u>September 30, 2018</u>	<u>December 31, 2017</u>
Assets		
Current assets held for sale:		
Retail spine inventory, net	\$ 1,708	\$ 1,602
Long-term assets held for sale:		
Property and equipment, net	959	1,162
Intangible assets, net	2,249	2,651
Total assets	<u>\$ 4,916</u>	<u>\$ 5,415</u>
Liabilities		
Current liabilities held for sale:		
Debt – related party	\$ 2,500	\$ 2,356

SINTX Technologies, Inc.
(previously known as Amedica Corporation)
Condensed Consolidated Statements of Operations - Unaudited
(in thousands, except share and per share data)

	<u>Three Months Ended September 30,</u>		<u>Nine Months Ended September 30,</u>	
	<u>2018</u>	<u>2017</u>	<u>2018</u>	<u>2017</u>
Product revenue	\$ 1,844	\$ 2,956	\$ 6,174	\$ 8,793
Costs of revenue	429	1,408	1,474	2,791
Gross profit	<u>1,415</u>	<u>1,548</u>	<u>4,700</u>	<u>6,002</u>
Operating expenses:				
Research and development	403	410	1,119	1,166
General and administrative	198	191	547	546
Sales and marketing	1,094	1,529	3,358	4,801
Total operating expenses	<u>1,695</u>	<u>2,130</u>	<u>5,024</u>	<u>6,513</u>
Loss from discontinued operations	<u>\$ (280)</u>	<u>\$ (582)</u>	<u>\$ (324)</u>	<u>\$ (511)</u>

In the future, the Company will become an Original Equipment Manufacturer ("OEM") of spinal silicon nitride products with only one customer for these products. Because of this change, the Company has included all product revenue and cost of sales in this discontinued operations model.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

You should read the following discussion and analysis of our financial condition and results of operations in conjunction with our consolidated financial statements for the year ended December 31, 2017 and the notes thereto, along with Management's Discussion and Analysis of Financial Condition and Results of Operations, included in our Annual Report on Form 10-K for the year ended December 31, 2017, filed separately with the U.S. Securities and Exchange Commission. This discussion and analysis contains forward-looking statements based upon current beliefs, plans, expectations, intentions and projections that involve risks, uncertainties and assumptions, such as statements regarding our plans, objectives, expectations, intentions and projections. Our actual results and the timing of selected events could differ materially from those anticipated in these forward-looking statements as a result of several factors, including those set forth under the "Risk Factors" section of our Annual Report on Form 10-K for the year ended December 31, 2017, and any updates to those risk factors filed from time to time in our Quarterly Reports on Form 10-Q.

Overview

On October 1, 2018, an asset purchase agreement was completed and signed between Amedica Corporation and CTL Medical providing for the sale of our spine implant business to CTL Medical. More detail about this sale is available in Notes 11 and 12 to the financial statements.

We are a materials company focused on developing, manufacturing and selling silicon nitride ceramics that are used in medical implants and in a variety of industrial devices. We believe that our silicon nitride manufacturing expertise positions us favorably to introduce new and innovative products in the medical and non- medical fields. We also believe that we are the first and only company to commercialize silicon nitride medical implants.

We believe that silicon nitride has a superb combination of properties that make it ideally suited for human implantation. Other biomaterials are based on bone grafts, metal alloys, and polymers; all of which have practical limitations. In contrast, silicon nitride has a legacy of success in the most demanding and extreme industrial environments. As a human implant material, silicon nitride offers bone ingrowth, resistance to bacterial infection, resistance to corrosion, superior strength and fracture resistance, and ease of diagnostic imaging, among other advantages.

We are targeting original equipment manufacturer ("OEM") and private label partnerships in order to accelerate adoption of silicon nitride in future markets such as hip and knee replacements, dental, extremities, trauma, and sports medicine. To that effect, we have entered into a 10-year agreement with CTL Medical to provide them with their requirements of spinal implants manufactured with silicon nitride. Existing biomaterials, based on plastics, metals, and bone grafts have well-recognized limitations that we believe are addressed by silicon nitride, and we are uniquely positioned to convert existing, successful implant designs made by other companies into silicon nitride. We believe OEM and private label partnerships will allow us to work with a variety of partners, accelerate the adoption of silicon nitride, and realize incremental revenue at improved operating margins, when compared to the cost-intensive direct sales model.

We believe that silicon nitride addresses many of the biomaterial-related limitations in fields such as hip and knee replacements, dental implants, sports medicine, extremities, and trauma surgery. We further believe that the inherent material properties of silicon nitride, and the ability to formulate the material in a variety of compositions, combined with precise control of the surface properties of the material, opens up a number of commercial opportunities.

Components of our Results of Operations

We manage our business within one reportable segment, which is consistent with how our management reviews our business, makes investment and resource allocation decisions and assesses operating performance.

Research and Development Expenses

Our research and development costs are expensed as incurred. Research and development costs consist of engineering, product development, clinical trials, test-part manufacturing, testing, developing and validating the manufacturing process, manufacturing, facility and regulatory-related costs. Research and development expenses also include employee compensation, employee and non-employee stock-based compensation, supplies and materials, consultant services, and travel and facilities expenses related to research activities. To the extent that certain research and development expenses are directly related to our manufactured products, such expenses and related overhead costs are allocated to inventory.

As we continue to develop new spinal fusion products, our product candidates for total joint replacements, such as our total hip replacement product candidate, and dental applications, we expect to increase our total research and development expenses.

General and Administrative Expenses

General and administrative expenses consist primarily of salaries, benefits and other related costs, including stock-based compensation for certain members of our executive team and other personnel employed in finance, legal, compliance, administrative, information technology, customer service, executive and human resource departments. General and administrative expenses also include other expenses not part of the other cost categories mentioned above, including facility expenses and professional fees for accounting and legal services.

RESULTS OF OPERATIONS - Unaudited

The following is a tabular presentation of our unaudited condensed consolidated operating results for the three and nine months ended September 30, 2018 and 2017 (*in thousands*):

	Three Months Ended September 30,		\$ Change	% Change	Nine Months Ended September 30,		\$ Change	% Change
	2018	2017			2018	2017		
Product revenue	\$ -	\$ -	\$ -	-%	\$ -	\$ -	\$ -	-%
Cost of revenue	-	-	-	-%	-	-	-	-%
Gross profit	-	-	-	-%	-	-	-	-%
Gross profit %	-%	-%	-	-%	-%	-%	-	-%
Operating expenses:								
Research and development	549	1,023	(474)	-46%	1,979	2,624	(645)	-25%
General and administrative	654	901	(247)	-27%	3,316	2,742	574	21%
Sales and marketing	-	50	(50)	-100%	42	204	(162)	-79%
Goodwill impairment	6,162	-	6,162	100%	6,162	-	6,162	100%
Total operating expenses	7,365	1,974	5,391	273%	11,499	5,570	5,929	106%
Loss from operations	(7,365)	(1,974)	(5,391)	279%	(11,499)	(5,570)	(5,929)	106%
Other expense, net	4,398	487	3,911	803%	2,865	1,797	1,068	59%
Net loss before taxes	(2,967)	(1,487)	(1,480)	-100%	(8,634)	(3,773)	(4,861)	-129%
Provision for income taxes	-	-	-	-	-	-	-	-
Loss from continuing operations	(2,967)	(1,487)	(1,480)	-100%	(8,634)	(3,773)	(4,861)	-129%
Loss from discontinued operations	(280)	(582)	302	-52%	(324)	(511)	187	-37%
Net loss	<u>\$ (3,247)</u>	<u>\$ (2,069)</u>	<u>\$ (1,178)</u>	<u>-57%</u>	<u>\$ (8,958)</u>	<u>\$ (4,284)</u>	<u>\$ (4,674)</u>	<u>-109%</u>

In the future, the Company will become an Original Equipment Manufacturer (“OEM”) of spinal silicon nitride products with only one customer for these products. Because of this change, the Company has removed all product revenue and cost of sales in the statement of operations for all periods presented.

Product Revenue on Discontinued Operations- Unaudited

The following table sets forth our product revenue from sales of the indicated product category related to discontinued operations for the three and nine months ended September 30, 2018 and 2017 (in thousands):

	Three Months Ended September 30,				Nine Months Ended September 30,				
	2018		2017		2018		2017		
	\$	%	\$	%	\$	%	\$	%	
Silicon Nitride	\$ 656		\$ 1,204	(548)	-46%	\$ 2,336	\$ 4,080	(1,744)	-43%
Non-Silicon Nitride	1,188		1,752	(564)	-32%	3,838	4,713	(875)	-19%
Total product revenue	\$ 1,844		\$ 2,956	(1,112)	-38%	\$ 6,174	\$ 8,793	(2,619)	-30%

For the three months ended September 30, 2018, total product revenue was \$1.8 million as compared to \$3.0 million in the same period 2017, a decrease of \$1.1 million, or 38%. This decrease was due to the loss of surgeons and the renegotiation of pricing with some of our hospital groups.

For the nine months ended September 30, 2018, total product revenue was \$6.2 million as compared to \$8.8 million in the same period 2017, a decrease of \$2.6 million, or 30%. This decrease was due to the loss of surgeons and the renegotiation of pricing with some of our hospital groups.

The following table sets forth, for the periods indicated, our unaudited product revenue by geographic area (in thousands):

	Three Months Ended September 30,				Nine Months Ended September 30,				
	2018		2017		2018		2017		
	\$	%	\$	%	\$	%	\$	%	
Domestic	\$ 1,802		\$ 2,903	(1,101)	-38%	\$ 6,006	\$ 8,673	(2,667)	-31%
International	42		53	(11)	-21%	168	120	48	40%
Total product revenue	\$ 1,844		\$ 2,956	(1,112)	-38%	\$ 6,174	\$ 8,793	(2,619)	-30%

For the three months ended September 30, 2018, domestic revenue decreased by \$1.1 million, or 38%. This is attributable to the loss of surgeons and the renegotiation of hospital pricing. International revenue decreased \$11 thousand, or 21% as compared to the same period in 2017. After our Australian distributor, new in 2018, made purchases during the first quarter of 2018, international sales have declined for most of the year.

For the nine months ended September 30, 2018, domestic revenue decreased by \$2.7 million, or 31%. This is attributable to the loss of surgeons and the renegotiation of hospital pricing. International revenue increased \$48 thousand, or 40% as compared to the same period in 2017. This is due to our distributors in Australia and Brazil making purchases of instrumentation equipment and inventory.

Cost of Revenue and Gross Profit on Discontinued Operations

Please reference Note 12 for the product and revenue data.

For the three months ended September 30, 2018, our cost of revenue decreased \$1.0 million, or 70%, as compared to the same period in 2017. The decrease was due primarily to the obsolete inventory write-off made in 2017. Gross profit decreased \$0.1 million, attributable to the decline in sales and an increase in metals cost due to the loss of quantity price breaks. Gross margin percentage increased 24% to 77%, primarily due to the obsolete inventory write-off made in 2017.

For the nine months ended September 30, 2018, our cost of revenue decreased \$1.3 million, or 47%, as compared to the same period in 2017. The decrease was primarily due to the obsolete inventory write-offs made in 2017. Gross profit decreased \$1.3 million and was attributable to the corresponding decrease in revenue. Gross margin increased 8% to 76%, primarily due to the obsolete inventory write-offs made in 2017.

Research and Development Expenses

For the three months ended September 30, 2018, research and development expenses decreased \$0.5 million, or 46%, as compared to the same period in 2017. This decrease was primarily attributable to a \$0.2 million decrease in payroll related expenses, a \$0.1 million decrease in manufacturing and production expenses and a \$0.1 million refund of prepaid costs related to clinical study expense. The remainder of the decrease is attributable to the calculation for discontinued operations.

For the nine months ended September 30, 2018, research and development expenses decreased \$0.6 million, or 25%, as compared to the same period in 2017. This decrease was primarily attributable to a \$0.1 million decrease in payroll related expenses, and a \$0.2 million decrease in manufacturing, production and clinical study expense. The remainder of the decrease is attributable to the calculation for discontinued operations.

General and Administrative Expenses

For the three months ended September 30, 2018, general and administrative expenses decreased \$0.2 million, or 27%, as compared to the same period in 2017. This decrease was primarily attributable to a \$0.1 million decrease in accounting fees and a \$0.1 million decrease in legal expenses, offset by a \$0.05 increase in loan extension and insurance fees. The remainder of the decrease is attributable to the calculation for discontinued operations.

For the nine months ended September 30, 2018, general and administrative expenses increased \$0.6 million, or 21%, as compared to the same period in 2017. This increase was primarily attributable to an increase in tax expense of \$0.2 million related to the effectuating of the November 2017 1-12 stock split. The remainder of the increase is attributable to the calculation for discontinued operations.

Sales and Marketing Expenses

For the three months ended September 30, 2018, sales and marketing expenses decreased \$0.05 million, or 100%, as compared to the same period in 2017. This decrease was primarily attributable to a decrease in commissions of \$0.45 million due to the decrease in sales. The remainder of the decrease is attributable to the calculation for discontinued operations.

For the nine months ended September 30, 2018, sales and marketing expenses decreased \$0.1 million, or 79%, as compared to the same period in 2017. This decrease was primarily attributable to a decrease in commissions due to the decrease in sales. The remainder of the decrease is attributable to the calculation for discontinued operations.

Goodwill Impairment

For the three and nine months ended September 30, 2018, the intangible asset of goodwill was completely impaired and increased operating expense for the period by \$6.2 million as compared to the same periods in 2017. Based on review of ASU 2017-04, it was determined that we would not meet the standards outlined and management made the decision to record the impairment of goodwill as of September 30, 2018.

Other Expense, Net

For the three months ended September 30, 2018, other income increased \$3.9 million, or 803%, as compared to the same period in 2017. This increase was primarily due to the change in the fair value of the derivative liabilities in the amount of \$3.7 million and the decrease in interest expense in the amount of \$0.2 million.

For the nine months ended September 30, 2018, other income increased \$1.1 million, or 59%, as compared to the same period in 2017. This increase was primarily due to the fair value change of the derivative liabilities in the amount of \$3.6 million, offset by the increase in the loss on the extinguishment of derivative liabilities in the amount of \$1.2 million, the increase in offering costs of \$0.6 million related to the issuance of warrant derivative liabilities, the increase in interest expense of \$0.4 million due to the extinguishment of debt and the increase in the loss on the extinguishment of debt of \$0.3 million.

Liquidity and Capital Resources

The condensed consolidated financial statements have been prepared assuming we will continue to operate as a going concern, which contemplates the realization of assets and settlement of liabilities in the normal course of business, and do not include any adjustments to reflect the possible future effects on the recoverability and classification of assets or the amounts and classifications of liabilities that may result from uncertainty related to its ability to continue as a going concern within one year from the date of issuance of these condensed consolidated financial statements.

For the nine months ended September 30, 2018 and 2017, we incurred net losses of \$9.0 million and \$4.3 million, respectively, and used cash in operations of \$8.0 million and \$4.4 million, respectively. We had an accumulated deficit of \$229.6 million and \$220.6 million as of September 30, 2018 and December 31, 2017, respectively. To date, our operations have been principally financed by proceeds received from the issuance of preferred and common stock, convertible debt and bank debt and, to a lesser extent, cash generated from product sales. It is anticipated that we will continue to generate operating losses and use cash in operating activities. Our continuation as a going concern is dependent upon our ability to increase sales, implement cost saving measures, and/or raise additional funds through the capital markets. Whether and when we can attain profitability and positive cash flows from operating activities or obtain additional financing is uncertain. These uncertainties create substantial doubt about our ability to continue as a going concern. The consolidated financial statements do not include any adjustments that might result from the outcome of these uncertainties.

In 2016, we implemented certain cost saving measures, including workforce and office space reductions, and will continue to evaluate additional cost savings alternatives during 2018. These additional cost savings measures may include additional workforce and research and development reductions, as well as cuts to certain other operating expenses. In addition to these cost-saving measures, we are actively generating additional scientific and clinical data to have it published in leading industry publications. The unique features of our silicon nitride material are not well known, and we believe that the publication of such data would help sales efforts as we approach new prospects.

We have common stock that is publicly traded and has been able to successfully raise capital when needed since the date of our initial public offering. We have engaged in discussions with investment and banking firms to examine financing alternatives, including options to encourage the exercise of outstanding warrants. In March 2018, we closed on gross proceeds of \$1.4 million, before payment of placement agent fees and costs on a warrant repriced and exercise transaction.

On May 14, 2018, we closed on a public offering of units, consisting of convertible preferred stock and warrants, for gross proceeds of \$15.0 million, which excludes underwriting discounts and commissions and offering expenses payable by us.

On October 1, 2018, we sold the retail spine business (see Note 11). This sale will provide cash flows totaling \$2.5 million over the next eighteen months and \$3.5 million for the following eighteen months. The buyer also assumed our \$2.5 million related party note payable.

Cash Flows - Unaudited

The following table summarizes, for the periods indicated, cash flows from operating, investing and financing activities (in thousands) – unaudited:

	Nine Months Ended September 30,	
	2018	2017
Net cash used in operating activities	\$ (7,953)	\$ (4,396)
Net cash used in investing activities	(194)	(917)
Net cash provided by financing activities	14,401	1,214
Net increase (decrease) in cash used	<u>\$ 6,254</u>	<u>\$ (4,099)</u>

Net Cash Used in Operating Activities

Net cash used in operating activities increased \$3.6 million to \$8.0 million during the nine months ended September 30, 2018, as compared to \$4.4 million for the same period in 2017. Offset by the increase in the net loss and related non-cash add backs to the net loss, the increase in cash used in operating activities during 2018 was primarily due to changes in the movement of working capital items during the nine months ended September 30, 2018 as compared to the same period in 2017 as follows: a \$1.2 million change in accounts payable and accrued expenses, a \$0.4 million change in inventories and a \$0.3 million change in prepaid expenses and other current assets.

Net Cash Used in Investing Activities

Net cash used in investing activities decreased \$0.7 million to \$0.2 million during the nine months ended September 30, 2018, compared to \$0.9 million for the same period in 2017. The decrease in cash used in investing activities during 2018 was primarily due to a net decrease of \$0.8 million in purchases of property and equipment.

Net Cash Provided by Financing Activities

Net cash provided from financing activities was \$14.4 million during the nine months ended September 30, 2018, compared to \$1.2 million during the same period in 2017. The \$13.2 million increase in 2018 was primarily attributable to \$6.9 million in proceeds received from the issuance of warrant derivative liabilities, the \$6.8 million in proceeds from the issuance of preferred stock, the \$2.8 million decrease in payments on debt and the \$1.6 million in proceeds from the issuance of common stock in connection with the exercise of warrants, all offset by the \$3.1 million decrease in proceeds from the issuance of common stock and the \$1.8 million decrease in proceeds from the issuance of debt.

L2 Capital Debt

On January 31, 2018, we signed a promissory note in the aggregate principal amount of up to \$0.84 million (the “L2 Note”) for an aggregate purchase price of up to \$0.75 million and warrants to purchase up to an aggregate of 68,257 shares of common stock (the “Warrants”) at an exercise price of \$3.31 per share. The maturity date was six months from date of funding. The L2 Note’s interest rate was 8% per year and a default interest rate of 18% per year. The L2 Note was able to be converted by the holder of the Note at any time following an event of default. The conversion price of the L2 Note in the event of a default was equal to the product of (i) 0.70 multiplied by (ii) the lowest volume weighted average price, or VWAP, of our common stock during the 20-day trading period ending in the Holder’s sole discretion on the last complete trading day prior to conversion, or, the conversion date.

On May 14, 2018, we closed on an underwritten public offering of units, consisting of convertible preferred stock and warrants, for gross proceeds of \$15.0 million. Part of the proceeds from this offering were used to pay off the outstanding debt with L2 Capital. The total payoff was \$1.1 million, with \$0.7 million in principal and \$0.4 million in interest.

Hercules and MEF I, LP/Anson Investments Debt Exchange

On January 3, 2018, we entered into an Assignment Agreement (the “Assignment Agreement”) with MEF I, LP and Anson Investments Master Fund (collectively the “Assignees” and each an “Assignee”), Hercules Technology III, L.P. (“HT III”) and Hercules Capital, Inc. (“HC” and, together with HT III, “Hercules”), pursuant to which Hercules assigned to the Assignees all amounts remaining due under the Loan and Security Agreement, dated June 30, 2014, as amended, between us and Hercules (the “Loan and Security Agreement”) and (2) the note (the “Hercules Note”) between us and Hercules evidencing the amounts due under the Loan and Security Agreement. The total amount assigned by Hercules to the Assignees in the aggregate was \$2.3 million and was secured by the same collateral underlying the Loan and Security Agreement. Subsequently, we entered into an exchange agreement pursuant to which the Assignees agreed to exchange the Hercules Term Loan obligation acquired by them for two senior secured convertible promissory notes issued by us, each in the principal amount of \$1.1 million for an aggregate principal amount of \$2.2 million, (the “Exchange Notes”). The Exchange Notes were scheduled to mature on February 3, 2019 (the “Maturity Date”). The Exchange Notes had interest at a rate of 15% per annum. Prior to the Maturity Date, principal and interest accrued under the Exchange Notes was payable in cash or, if certain conditions were met, payable in shares of our common stock. All principal accrued under the Exchange Notes was convertible into shares of our common stock (“Conversion Shares”) at the election of the holders at any time at a fixed conversion price of \$3.87 per share. Upon the occurrence of an event of default, the Assignees were entitled to convert all or any part of their Exchange Notes at a conversion price (the “Alternate Conversion Price”) equal to 70% of the lowest traded price of our common stock during the ten trading days prior to the conversion date, provided that (i) in no event was the Alternate Conversion Price less than \$1.75 per share and (ii) the Assignees were not entitled to receive more than 19.99% of the outstanding Common Stock. So long as these Exchange Notes remained outstanding or the Assignees held any Conversion Shares, we were prohibited from entering into any financing transaction pursuant to which we sell our securities at a price lower than \$1.75 per share. The Exchange Notes were secured by a first priority security interest in substantially all of our assets, including

intellectual property, and contains covenants restricting payments to certain of our affiliates.

On May 14, 2018, we closed on an underwritten public offering of units, consisting of convertible preferred stock and warrants, for gross proceeds of \$15.0 million. Part of the proceeds from this offering were used to pay off the outstanding debt with MEF I, L.P and Anson Investments. The total payoff was \$1.6 million, with \$1.4 million in principal and \$0.2 million in interest.

North Stadium Term Loan – Related Party

On July 28, 2017, we entered into a \$2.5 million term loan (the “North Stadium Loan”) with North Stadium Investments, LLC (“North Stadium”), a company owned and controlled by our Chief Executive Officer and Chairman of the Board. The North Stadium Loan bears interest at 10% per annum and requires us to make monthly interest only payments from September 5, 2017 through July 5, 2018. All principal and unpaid interest (if any) under the Loan are due and payable on July 28, 2018. The North Stadium Loan is secured by substantially all of our assets. In connection with the North Stadium Loan, we also issued North Stadium a warrant to purchase up to 55,000 shares of our common stock at a purchase price of \$5.04 per share, subject to a 5-year term. The relative estimated value of the warrants on the date of grant approximated \$0.2 million, was recorded as a debt discount and is being amortized as interest expense over the life of the term loan.

In July 2018, we entered into an extension to the term loan with North Stadium Investments, LLC. The extension moved the due date of the loan from July 28, 2018 to October 28, 2018, at which time all principal and unpaid interest are due and payable. The monthly interest only payments will continue through the payoff on October 28, 2018. On October 1, 2018, the liability for the North Stadium Term Loan will be sold to CTL Medial as part of the sales transaction for the retail spine business.

See Note 11 to the financial statements for an explanation of assumption of the North Stadium Term Loan – Related Party in association with the sale of the Spine business subsequent to year end.

Hercules Term Loan

On June 30, 2014, we entered into a Loan and Security Agreement with Hercules which provided us with a \$20.0 million term loan. The Hercules Term Loan matured on January 1, 2018. The Hercules Term Loan included a \$0.2 million closing fee, which was paid to Hercules on the closing date of the loan. The closing fee was recorded as a debt discount and was amortized to interest expense over the life of the loan. The Hercules Term Loan also included a non-refundable final payment fee of \$1.7 million. The final payment fee was accrued and recorded to interest expense over the life of the loan. On January 3, 2018, the Hercules Term Loan and all amounts owing thereunder was assigned to MEF I and Anson Investments. See discussion above for a more detailed description of that transaction.

See discussion below with respect to the assignment of \$3.0 million of the principal balance of the Hercules Term Loan to Riverside Merchant Partners, LLC (“Riverside”) and the subsequent agreement between us and Riverside to exchange the \$3.0 million of the Hercules Term Loan held by Riverside for subordinated convertible promissory notes in the aggregate principal amount of \$3.0 million.

Hercules and Riverside Debt Exchange

On April 4, 2016, we entered into an Assignment and Second Amendment to Loan and Security Agreement (the “Assignment Agreement”) with Riverside and Hercules, pursuant to which Hercules sold \$1.0 million of the principal amount outstanding under the Hercules Term Loan to Riverside. In addition, pursuant to the terms of the Assignment Agreement, Riverside acquired an option to purchase an additional \$2.0 million of the principal amount outstanding under the Hercules Term Loan from Hercules. Riverside subsequently exercised its option in full and acquired the additional \$2.0 million of the outstanding principal amount of the Hercules Term Loan.

Off-Balance Sheet Arrangements

We do not have any off-balance sheet arrangements, as defined in Item 303(a)(4) of Regulation S-K.

Critical Accounting Policies and Estimates

A summary of our significant accounting policies and estimates is discussed in Management's Discussion and Analysis of Financial Condition and Results of Operations and in Note 1 to our consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2017. There have been no material changes to those policies during the nine months ended September 30, 2018. The preparation of the financial statements in accordance with U.S. generally accepted accounting principles requires us to make judgments, estimates and assumptions regarding uncertainties that affect the reported amounts of assets and liabilities. Significant areas of uncertainty that require judgments, estimates and assumptions include the accounting for income taxes and other contingencies as well as valuation of derivative liabilities, asset impairment and collectability of accounts receivable. We use historical and other information that we consider to be relevant to make these judgments and estimates. However, actual results may differ from those estimates and assumptions that are used to prepare our financial statements.

New Accounting Pronouncements

See discussion under Note 1, *Organization and Summary of Significant Accounting Policies*, to the Condensed Consolidated Financial Statements included in Item 1 of Part I of this Quarterly Report on Form 10-Q, for information on new accounting pronouncements.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Not applicable.

ITEM 4. CONTROLS AND PROCEDURES

This Report includes the certifications of our Chief Executive Officer (principal executive officer and principal financial officer) required by Rule 13a-14 of the Securities Exchange Act of 1934 (the "Exchange Act"). See Exhibits 31.1 and 31.2. This Item 4 includes information concerning the controls and control evaluations referred to in those certifications.

Our management, with the participation of our Chief Executive Officer, evaluated the effectiveness of our disclosure controls and procedures as of the end of the period covered by this Quarterly Report. Based on that evaluation, our Chief Executive Officer concluded that our disclosure controls and procedures as of the end of the period covered by the Quarterly report were effective, and that the information require to be disclosed by us in the reports filed under the Exchange Act is (i) recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and (ii) accumulated and communicated to our management, including our Chief Executive Officer as appropriate to allow timely decisions regarding disclosure. A controls system cannot provide absolute assurance, however, that the objectives of the controls system will be met, and no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within a company have been detected.

Prior to the period covered by the Quarterly Report for the period ended September 30, 2018, our Chief Executive Officer had concluded that our disclosure controls and procedures were not effective. Prior to the period ended September 30, 2018, we hired advisors to help us adopt new measures to improve upon our disclosure controls. Our process for evaluating controls and procedures is continuous and encompasses constant improvement of the design and effectiveness of established controls and procedures and the remediation of any deficiencies which may be identified during this process.

Changes in Internal Control Over Financial Reporting

Other than as described above, there were no changes in our internal control over financial reporting that occurred during the third quarter of 2018 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II

ITEM 1. LEGAL PROCEEDINGS

We are not aware of any pending or threatened legal proceeding against us that could have a material adverse effect on our business, operating results or financial condition. The medical device industry is characterized by frequent claims and litigation, including claims regarding patent and other intellectual property rights as well as improper hiring practices. As a result, we may be involved in various additional legal proceedings from time to time.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

On August 14, 2018, the Company issued 242,063 shares of its common stock in connection with the cashless (net exercise) exercise of a common stock warrant previously issued to a private investor. The Company issued the common shares in reliance upon the exemption from registration contained in Section 4(2) and Rule 506 under the Securities Act. The securities sold may not be offered or sold in the United States absent registration or an applicable exemption from registration requirements.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

ITEM 5. OTHER INFORMATION

None.

ITEM 6. EXHIBITS

Exhibit Number	Exhibit Description	Filed Herewith	Incorporated by Reference herein from Form or Schedule	Filing Date	SEC File/Reg. Number
2.1	<u>Asset Purchase Agreement by and among Amedica Corporation, CTL Corporation and US Spine Inc. dated as of September 5, 2018.</u>		Form 8-K (Exhibit 3.1)	9/6/18	001-33624
3.1	<u>Certificate of Amendment to the Restated Certificate of Incorporation of Amedica Corporation dated as of October 30, 2018</u>		Form 8-K (Exhibit 3.1)	11/2/18	001-33624
3.2	<u>Amendment to the Bylaws of Amedica Corporation dated as of October 30, 2018.</u>		Form 8-K (Exhibit 3.2)	11/2/18	001-33624
10.1	<u>Promissory Note issued by CTL Corporation in favor of Amedica Corporation dated as of October 1, 2018.</u>		Form 8-K (Exhibit 10.1)	10/5/18	001-33624
10.2	<u>Security Agreement between Amedica Corporation and CTL Corporation dated as of October 1, 2018.</u>		Form 8-K (Exhibit 10.2)	10/5/18	001-33624
10.3	<u>Guaranty between Amedica Corporation and Daniel Chon dated as of October 1, 2018.</u>		Form 8-K (Exhibit 10.3)	10/5/18	001-33624
10.4	<u>ROFN Security Agreement between Amedica Corporation and CTL Corporation dated as of October 1, 2018.</u>		Form 8-K (Exhibit 10.4)	10/5/18	001-33624
31.1	<u>Certificate of the Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</u>	X			
31.2	<u>Certificate of the Principal Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</u>	X			
32	<u>Certifications of the Chief Executive Officer and Principal Accounting Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</u>	X			
101.INS	XBRL Instance Document	X			
101.SCH	XBRL Taxonomy Extension Schema Document	X			
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document	X			
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document	X			
101.LAB	XBRL Taxonomy Extension Label Linkbase Document	X			
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document	X			

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.

SINTX TECHNOLOGIES, INC.
(previously known as Amedica Corporation)

Date: November 14, 2018

/s/ B. Sonny Bal

B. Sonny Bal
Chief Executive Officer
(Principal Executive Officer and Principal Financial Officer)

CERTIFICATION OF CHIEF EXECUTIVE OFFICER

I, B. Sonny Bal, certify that:

1. I have reviewed this quarterly report on Form 10-Q of SINTX Technologies, Inc. (previously known as Amedica Corporation);

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 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.

Date: November 14, 2018

By: /s/ B. Sonny Bal

B. Sonny Bal
Chief Executive Officer

CERTIFICATION OF CHIEF FINANCIAL OFFICER

I, B. Sonny Bal, certify that:

1. I have reviewed this quarterly report on Form 10-Q of SINTX Technologies, Inc. (previously known as Amedica Corporation);

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 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.

Date: November 14, 2018

By: /s/ B. Sonny Bal

B. Sonny Bal

Chief Executive Officer and Chief Financial Officer

CERTIFICATIONS UNDER SECTION 906

Pursuant to section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of section 1350, chapter 63 of title 18, United States Code), each of the undersigned officers of SINTX Technologies, Inc. (previously known as Amedica Corporation), a Delaware corporation (the "Company"), does hereby certify, to such officer's knowledge, that:

The quarterly report for the quarter ended September 30, 2018 (the "Form 10-Q") of the Company fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, and the information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: November 14, 2018

By: /s/ B. Sonny Bal

B. Sonny Bal
Chief Executive Officer

By: /s/ B. Sonny Bal

B. Sonny Bal
Chief Financial Officer
