UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

(Mark One)

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

For the quarterly period ended June 29, 2024

OR

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

For the transition period from ____________ to ____________

Commission File Number: 001-37844

BIOVENTUS INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware	**81-0980861**
(State or Other Jurisdiction of Incorporation or Organization)	**(I.R.S. Employer Identification No.)**
4721 Emperor Boulevard, Suite 100 **Durham, North Carolina**	**27703**
(Address of Principal Executive Offices)	**(Zip Code)**

(919) 474-6700
(Registrant's Telephone Number, Including Area Code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A Common Stock, $0.001 par value per share	BVS	The Nasdaq Global Select Market

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 every Interactive Data File required to be submitted 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 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 the 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	☐	Accelerated filer	☒
Non-accelerated filer	☐	Smaller reporting company	☒
		Emerging growth company	☒

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 ☒

As of July 30, 2024, there were 65,186,901 shares of Class A common stock outstanding and 15,786,737 shares of Class B common stock outstanding.

BIOVENTUS INC.

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SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

As used in this Quarterly Report on Form 10-Q, unless expressly indicated or the context otherwise requires, references to "Bioventus," "we," "us," "our," the “Company," and similar references refer to Bioventus Inc. and its consolidated subsidiaries, including Bioventus LLC (“BV LLC”).

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended (“Exchange Act”), and Section 27A of the Securities Act of 1933, as amended (“Securities Act”), concerning our business, operations and financial performance and condition, as well as our plans, objectives and expectations for our business operations and financial performance and condition. Any statements contained herein that are not statements of historical facts may be deemed to be forward-looking statements including, without limitation, statements regarding our business strategy, including, without limitation, expectations relating to our integration of Misonix and Bioness, potential acquisitions, expected expansion of our pipeline and research and development investment, cost savings initiatives, new therapy launches, expected timelines for clinical trial results and other development milestones, expected contractual obligations and capital expenditures, recent dispositions of non-core assets, our domestic and international operations and expected financial performance and condition, and impacts of the COVID-19 pandemic, inflation and ongoing conflicts in Israel. In some cases, you can identify forward-looking statements by terminology such as “aim,” “anticipate,” “assume,” “believe,” “contemplate,” “continue,” “could,” “due,” “estimate,” “expect,” “goal,” “intend,” “may,” “objective,” “plan,” “predict,” “potential,” “positioned,” “seek,” “should,” “target,” “will,” “would” and other similar expressions that are predictions of or indicate future events and future trends, or the negative of these terms or other comparable terminology, although not all forward-looking statements contain these words.

Forward-looking statements are based on management’s current expectations, estimates, forecasts and projections about our business and the industry in which we operate, and management’s beliefs and assumptions are not guarantees of future performance or development and involve known and unknown risks, uncertainties and other factors that are in some cases beyond our control. As a result, any or all of our forward-looking statements in this Quarterly Report on Form 10-Q may turn out to be inaccurate. Furthermore, if the forward-looking statements prove to be inaccurate, the inaccuracy may be material. In light of the significant uncertainties in these forward-looking statements, you should not regard these statements as a representation or warranty by us or any other person that we will achieve our objectives and plans in any specified time frame, or at all. Important factors that may cause actual results to differ materially from current expectations include, among other things: we might not meet certain of our debt covenants under our Credit and Guaranty Agreement and might be required to repay our indebtedness; risks associated with the potential divestiture of our Advanced Rehabilitation Business and expected impacts on our business; restrictions on operations and other costs associated with our indebtedness; our ability to complete acquisitions or successfully integrate new businesses, products or technologies in a cost-effective and non-disruptive manner; we maintain cash at financial institutions, often in balance that exceed federally insured limits; we are subject to securities class action litigation and may be subject to similar or other litigation in the future, which will require significant management time and attention, result in significant legal expenses or costs not covered by our insurers, and may result in unfavorable outcomes; our ability to maintain our competitive position depends on our ability to attract, retain and motivate our senior management team and highly qualified personnel; we are highly dependent on a limited number of products; our long-term growth depends on our ability to develop, acquire and commercialize new products, line extensions or expanded indications; we may be unable to successfully commercialize newly developed or acquired products or therapies in the United States; demand for our existing portfolio of products and any new products, line extensions or expanded indications depends on the continued and future acceptance of our products by physicians, patients, third-party payers and others in the medical community; the proposed down classification of non-invasive bone growth stimulators, including our Exogen system, by the U.S. Food and Drug Administration (“FDA”) could increase future competition for bone growth stimulators and otherwise adversely affect the Company’s sales of Exogen; failure to achieve and maintain adequate levels of coverage and/or reimbursement for our products or future products, the procedures using our products, such as our hyaluronic acid (“HA”) viscosupplements, or future products we may seek to commercialize; pricing pressure and other competitive factors; governments outside the United States might not provide coverage or reimbursement of our products; we compete and may compete in the future against other companies, some of which have longer operating histories, more established products or greater resources than we do; if our HA products are reclassified from medical devices to drugs in the United States by the FDA, it could negatively impact our ability to market these products and may require that we conduct costly additional clinical studies to support current or future indications for use of those products; our failure to properly manage our anticipated growth and strengthen our brands; risks related to product liability claims; fluctuations in demand for our products; issues relating to the supply of our products, potential supply chain disruptions, and the increased cost of parts and components used to manufacture our products due to inflation; our reliance on a limited number of third-party manufacturers to manufacture certain of our products; if our facilities are damaged or become inoperable, we will be unable to continue to research, develop and manufacture certain of our products; economic, political, regulatory and other risks related to international sales, manufacturing and operations; failure to maintain contractual relationships; security breaches, unauthorized access to our disclosure of information, cyberattacks, or other incidents, or the perception that confidential information in our or our vendors' or service providers' possession or control is not secure; failure of key information technology and communications systems, process or sites; risks related to our debt and future capital needs; failure to comply with extensive governmental regulation relevant to us and our products; we may be subject to enforcement action if we engage in improper claims submission practices and resulting audits or denials of our claims by government agencies could reduce our net sales or profits; the FDA regulatory process is expensive, time-consuming and uncertain, and the failure to obtain and maintain required regulatory clearances and approvals could prevent us from commercializing our products; if clinical studies of our future product candidates do not produce results necessary to support regulatory clearance or approval in the United States or elsewhere, we will be unable to expand the indications for or commercialize these products; legislative or regulatory reforms; our business may continue to experience adverse impacts as a result of the COVID-19 pandemic or similar epidemics; risks related to intellectual property matters; and other important factors described in *Part I. Item 1A. Risk Factors* in our Annual Report on Form 10-K for the year ended December 31, 2023, as may be further updated from time to time in our other filings with the SEC. You are urged to consider these factors carefully in evaluating these forward-looking statements. These forward-looking statements speak only as of the date hereof. Except as required by law, we assume no obligation to update or revise these forward-looking statements for any reason, even if new information becomes available in the future.

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements.

Bioventus Inc.
Consolidated Condensed Statements of Operations and Comprehensive Loss
Three and Six Months Ended June 29, 2024 and July 1, 2023
(Amounts in thousands, except share amounts)
(Unaudited)

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
Net sales	$ 151,217	$ 137,069	$ 280,674	$ 256,128
Cost of sales (including depreciation and amortization of $11,021, $12,301, $21,046 and $26,640, respectively)	47,578	47,946	88,655	93,086
Gross profit	103,639	89,123	192,019	163,042
Selling, general and administrative expense	94,785	74,844	173,191	155,702
Research and development expense	3,988	3,398	6,585	7,169
Restructuring costs	—	620	—	937
Change in fair value of contingent consideration	300	240	595	527
Depreciation and amortization	2,064	2,294	3,819	4,423
Impairments of assets	31,870	—	31,870	78,615
Loss on disposals	—	977	—	977
Operating (loss) income	(29,368)	6,750	(24,041)	(85,308)
Interest expense, net	9,924	10,587	20,263	20,281
Other expense (income)	159	513	222	(1,075)
Other expense	10,083	11,100	20,485	19,206
Loss before income taxes	(39,451)	(4,350)	(44,526)	(104,514)
Income tax (benefit) expense, net	(7,339)	381	(6,432)	235
Net loss from continuing operations	(32,112)	(4,731)	(38,094)	(104,749)
Loss from discontinued operations, net of tax	—	—	—	(74,429)
Net loss	(32,112)	(4,731)	(38,094)	(179,178)
Loss attributable to noncontrolling interest - continuing operations	8,120	1,050	9,532	21,410
Loss attributable to noncontrolling interest - discontinued operations	—	—	—	14,937
Net loss attributable to Bioventus Inc.	$ (23,992)	$ (3,681)	$ (28,562)	$ (142,831)
Net loss	$ (32,112)	$ (4,731)	$ (38,094)	$ (179,178)
Other comprehensive (loss) income, net of tax				
Change in foreign currency translation adjustments	(426)	303	(1,011)	960
Comprehensive loss	(32,538)	(4,428)	(39,105)	(178,218)
Comprehensive loss attributable to noncontrolling interest - continuing operations	8,204	989	9,732	21,215
Comprehensive loss attributable to noncontrolling interest - discontinued operations	—	—	—	14,937
Comprehensive loss attributable to Bioventus Inc.	$ (24,334)	$ (3,439)	$ (29,373)	$ (142,066)
Loss per share of Class A common stock from continuing operations, basic and diluted:	$ (0.37)	$ (0.06)	$ (0.45)	$ (1.34)
Loss per share of Class A common stock from discontinued operations, basic and diluted:	—	—	—	(0.95)
Loss per share of Class A common stock, basic and diluted	$ (0.37)	$ (0.06)	$ (0.45)	$ (2.29)
Weighted-average shares of Class A common stock outstanding, basic and diluted:	64,056,759	62,551,285	63,720,342	62,338,018

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

Bioventus Inc.
Consolidated Condensed Balance Sheets as of June 29, 2024 and December 31, 2023
(Amounts in thousands, except share amounts)
(Unaudited)

	June 29, 2024	December 31, 2023
Assets		
Current assets:		
Cash and cash equivalents	$ 31,994	$ 36,964
Accounts receivable, net	137,305	122,789
Inventory	87,606	91,333
Prepaid and other current assets	23,570	16,913
Assets held for sale	28,408	—
Total current assets	308,883	267,999
Property and equipment, net	31,938	36,605
Goodwill	7,462	7,462
Intangible assets, net	424,552	482,350
Operating lease assets	10,366	13,353
Deferred tax assets	6,884	—
Investment and other assets	2,088	3,141
Total assets	$ 792,173	$ 810,910
Liabilities and Stockholders' Equity		
Current liabilities:		
Accounts payable	$ 24,437	$ 23,038
Accrued liabilities	139,978	119,795
Current portion of long-term debt	38,566	27,848
Current portion of contingent consideration	18,745	—
Other current liabilities	3,829	4,816
Liabilities held for sale	5,908	—
Total current liabilities	231,463	175,497
Long-term debt, less current portion	344,716	366,998
Deferred income taxes	—	1,213
Contingent consideration	—	18,150
Other long-term liabilities	26,932	27,934
Total liabilities	603,111	589,792
Commitments and contingencies (Note 11)		
Stockholders' Equity		
Preferred stock, $0.001 par value, 10,000,000 shares authorized, 0 shares issued		
Class A common stock, $0.001 par value, 250,000,000 shares authorized as of June 29, 2024 and December 31, 2023, 65,172,159 and 63,267,436 shares issued and outstanding as of June 29, 2024 and December 31, 2023, respectively	65	63
Class B common stock, $0.001 par value, 50,000,000 shares authorized, 15,786,737 shares issued and outstanding as of June 29, 2024 and December 31, 2023	16	16
Additional paid-in capital	500,969	494,254
Accumulated deficit	(350,098)	(321,536)
Accumulated other comprehensive (loss) income	(17)	794
Total stockholders' equity attributable to Bioventus Inc.	150,935	173,591
Noncontrolling interest	38,127	47,527
Total stockholders' equity	189,062	221,118
Total liabilities and stockholders' equity	$ 792,173	$ 810,910

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

Bioventus Inc.
Consolidated Condensed Statements of Changes in Stockholders' Equity
Three and Six Months Ended June 29, 2024 and July 1, 2023
(Amounts in thousands, except share amounts)(Unaudited)

Three Months Ended June 29, 2024

	Class A Common Stock		Class B Common Stock						
	Shares	Amount	Shares	Amount	Additional Paid-in Capital	Accumulated other comprehensive income (loss)	Accumulated Deficit	Non-controlling interest	Total Stockholders' equity
Balance at March 30, 2024	63,672,170	$ 64	15,786,737	$ 16	$ 496,977	$ 325	$ (326,106)	$ 46,156	$ 217,432
Issuance of Class A common stock for equity plans	1,499,989	1	—	—	495	—	—	—	496
Net loss	—	—	—	—	—	—	(23,992)	(8,120)	(32,112)
Change in noncontrolling interest allocation	—	—	—	—	502	—	—	(502)	—
Equity based compensation	—	—	—	—	2,995	—	—	677	3,672
Translation adjustment	—	—	—	—	—	(342)	—	(84)	(426)
Balance at June 29, 2024	65,172,159	$ 65	15,786,737	$ 16	$ 500,969	$ (17)	$ (350,098)	$ 38,127	$ 189,062

Three Months Ended July 1, 2023

	Class A Common Stock		Class B Common Stock						
	Shares	Amount	Shares	Amount	Additional Paid-in Capital	Accumulated other comprehensive (loss) income	Accumulated Deficit	Non-controlling interest	Total Stockholders' equity
Balance at April 1, 2023	62,507,917	$ 63	15,786,737	$ 16	$ 492,475	$ 413	$ (304,456)	$ 51,851	$ 240,362
Issuance of Class A common stock for equity plans	296,589	—	—	—	139	—	—	—	139
Net loss	—	—	—	—	—	—	(3,681)	(1,050)	(4,731)
Change in noncontrolling interest allocation	—	—	—	—	108	—	—	(108)	—
Equity based compensation	—	—	—	—	(2,124)	—	—	(608)	(2,732)
Translation adjustment	—	—	—	—	—	242	—	61	303
Balance at July 1, 2023	62,804,506	$ 63	15,786,737	$ 16	$ 490,598	$ 655	$ (308,137)	$ 50,146	$ 233,341

Six Months Ended June 29, 2024

	Class A Common Stock		Class B Common Stock						
	Shares	Amount	Shares	Amount	Additional Paid-in Capital	Accumulated other comprehensive income (loss)	Accumulated Deficit	Non-controlling interest	Total Stockholders' equity
Balance at December 31, 2023	63,267,436	$ 63	15,786,737	$ 16	$ 494,254	$ 794	$ (321,536)	$ 47,527	$ 221,118
Issuance of Class A common stock for equity plans	1,904,723	2	—	—	784	—	—	—	786
Net loss	—	—	—	—	—	—	(28,562)	(9,532)	(38,094)
Change in noncontrolling interest allocation	—	—	—	—	821	—	—	(821)	—
Equity based compensation	—	—	—	—	5,110	—	—	1,153	6,263
Translation adjustment	—	—	—	—	—	(811)	—	(200)	(1,011)
Balance at June 29, 2024	65,172,159	$ 65	15,786,737	$ 16	$ 500,969	$ (17)	$ (350,098)	$ 38,127	$ 189,062

Six Months Ended July 1, 2023

	Class A Common Stock		Class B Common Stock						
	Shares	Amount	Shares	Amount	Additional Paid-in Capital	Accumulated other comprehensive (loss) income	Accumulated Deficit	Non-controlling interest	Total Stockholders' equity
Balance at December 31, 2022	62,063,014	$ 62	15,786,737	$ 16	$ 490,576	$ (110)	$ (165,306)	$ 86,984	$ 412,222
Issuance of Class A common stock for equity plans	741,492	1	—	—	222	—	—	—	223
Net loss	—	—	—	—	—	—	(142,831)	(36,347)	(179,178)
Change in noncontrolling interest allocation	—	—	—	—	385	—	—	(385)	—
Equity based compensation	—	—	—	—	(585)	—	—	(301)	(886)
Translation adjustment	—	—	—	—	—	765	—	195	960
Balance at July 1, 2023	62,804,506	$ 63	15,786,737	$ 16	$ 490,598	$ 655	$ (308,137)	$ 50,146	$ 233,341

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

Bioventus Inc.
Consolidated Condensed Statements of Cash Flows
Six Months Ended June 29, 2024 and July 1, 2023
(Amounts in thousands)
(Unaudited)

	Six Months Ended	
	June 29, 2024	July 1, 2023
Operating activities:		
Net loss	$ (38,094)	$ (179,178)
Less: Loss from discontinued operations, net of tax	—	(74,429)
Loss from continuing operations	(38,094)	(104,749)
Adjustments to reconcile net loss to net cash from operating activities:		
Depreciation and amortization	24,875	31,073
(Benefit) provision for expected credit losses	(537)	640
Equity-based compensation	6,263	(886)
Change in fair value of contingent consideration	595	527
Deferred income taxes	(8,098)	(3,540)
Impairment of assets	31,870	78,615
Loss on disposals	—	977
Unrealized loss on foreign currency fluctuations	536	601
Other, net	961	1,139
Changes in operating assets and liabilities:		
Accounts receivable	(21,933)	11,329
Inventories	(8,359)	(13,074)
Accounts payable and accrued expenses	22,552	14,765
Other current and noncurrent assets and liabilities	(1,474)	(1,963)
Net cash from operating activities - continuing operations	9,157	15,454
Net cash from operating activities - discontinued operations	—	(2,169)
Net cash from operating activities	9,157	13,285
Investing activities:		
Proceeds from sale of a business	—	34,897
Purchase of property and equipment	(368)	(4,957)
Investments and acquisition of distribution rights	(709)	—
Net cash from investing activities - continuing operations	(1,077)	29,940
Net cash from investing activities - discontinued operations	—	(11,506)
Net cash from investing activities	(1,077)	18,434
Financing activities:		
Proceeds from issuance of Class A common stock	786	223
Borrowing on revolver	—	49,000
Payment on revolver	—	(42,000)
Debt refinancing costs	(1,180)	(3,661)
Payments on long-term debt	(11,320)	(38,264)
Other, net	(373)	(166)
Net cash from financing activities	(12,087)	(34,868)
Effect of exchange rate changes on cash	(963)	701
Net change in cash, cash equivalents and restricted cash	(4,970)	(2,448)
Cash, cash equivalents and restricted cash at the beginning of the period	36,964	31,837
Cash, cash equivalents and restricted cash at the end of the period	$ 31,994	$ 29,389
Supplemental disclosure of noncash investing and financing activities		
Accrued liabilities for intellectual property	$ —	$ 709
Accounts payable for purchase of property, plant and equipment	$ 205	$ 968

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

Bioventus Inc.
Notes to the unaudited consolidated condensed financial statements
(Amounts in thousands, except unit and share amounts)

1. Organization

The Company

Bioventus Inc. (together with its subsidiaries, the "Company") was formed as a Delaware corporation for the purpose of facilitating an initial public offering and other related transactions in order to carry on the business of Bioventus LLC and its subsidiaries ("BV LLC"). Bioventus Inc. functions as a holding company with no direct operations, material assets or liabilities other than the equity interest in BV LLC. BV LLC is a limited liability company formed under the laws of the state of Delaware on November 23, 2011 and operates as a partnership. BV LLC commenced operations in May 2012.

On February 16, 2021, the Company completed its initial public offering ("IPO"), which was conducted through what is commonly referred to as an umbrella partnership C Corporation ("UP-C") structure. The Company has majority interest, sole voting interest and controls the management of BV LLC. As a result, the Company consolidates the financial results of BV LLC and reports a noncontrolling interest representing the interest of BV LLC held by its continuing LLC owner.

The Company is focused on developing and commercializing clinically differentiated, cost efficient and minimally invasive treatments that engage and enhance the body's natural healing processes. The Company is headquartered in Durham, North Carolina and has approximately 1,030 employees.

Interim periods

The Company reports quarterly interim periods on a 13-week basis within a standard calendar year. Each annual reporting period begins on January 1 and ends on December 31. Each quarter ends on the Saturday closest to calendar quarter-end, with the exception of the fourth quarter, which ends on December 31. The 13-week quarterly periods for fiscal year 2024 end on March 30, June 29 and September 28. Comparable periods for 2023 ended on April 1, July 1 and September 30. The fourth and first quarters may vary in length depending on the calendar year.

Unaudited interim financial information

The accompanying unaudited consolidated condensed financial statements of the Company have been prepared in accordance with generally accepted accounting principles in the United States of America ("U.S. GAAP") for interim financial information and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X. Pursuant to these rules and regulations, they do not include all information and notes required by U.S. GAAP for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring adjustments, and the adjustments discussed in *Note 1. Organization*) considered necessary for a fair statement of the Company's financial condition and results of operations have been included. Operating results for the periods presented are not necessarily indicative of the results that may be expected for the full year. As such, the information included in this report should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended December 31, 2023. The consolidated balance sheet at December 31, 2023 has been derived from the audited consolidated financial statements of the Company, but does not include all the disclosures required by U.S. GAAP.

Reclassifications

Certain prior period amounts have been reclassified to conform to current period presentation. During the first quarter of 2024, the Company reclassified revenue and expense of the SonicOne Ultrasonic Cleansing and Debridement Systems ("SonicOne") from the Restorative Therapies to the Surgical Solutions business. The reclassification of SonicOne activity affected prior presentation of disaggregated revenue by business, refer to *Note 12. Revenue recognition* for further details. The reclassification had no effect on previously reported total revenues, net loss, other comprehensive loss, stockholders' equity or cash flows. Unless otherwise noted, all financial information in the unaudited consolidated condensed financial statements reflects the Company's results from continuing operations.

Use of estimates

The preparation of financial statements in accordance with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and the disclosure of contingent assets and liabilities, at the date of the financial statements, as well as the reported amounts of revenues and expenses during the period. On an ongoing basis, management evaluates these estimates, including those related to contractual allowances and sales incentives, allowance for credit losses, inventory reserves, goodwill and intangible assets impairment, valuation of assets and liabilities assumed in acquisitions, useful lives of long lived assets, fair value measurements, litigation and contingent liabilities, income taxes, and equity-based compensation. Management bases its estimates on historical experience, future expectations and other relevant assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from those estimates.

Recent accounting pronouncements

In addition to being a smaller reporting and an emerging growth company, the Company also is an accelerated filer under SEC rules and regulations. Therefore, required effective dates for adopting new or revised accounting standards are generally earlier than when smaller reporting companies and emerging growth companies who are not accelerated filers are required to adopt.

In December 2023, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update 2023-09 ("ASU 2023-09"), *Income Taxes*, which enhances the transparency of income tax disclosures by expanding annual disclosure requirements related to the rate reconciliation and income taxes paid. The amendments are effective for fiscal years beginning after December 15, 2024. Early adoption is permitted. The amendments should be applied on a prospective basis. Retrospective application is permitted. The Company is currently evaluating this ASU to determine its impact on the Company's disclosures.

In November 2023, the FASB issued Accounting Standards Update 2023-07 ("ASU 2023-07"), *Segment Reporting*, which improves reportable segment disclosure requirements. ASU 2023-07 primarily enhances disclosures about significant segment expenses by requiring that a public entity disclose significant segment expenses that are regularly provided to the Chief Operating Decision Maker ("CODM") and included within each reported measure of segment profit or loss. This ASU also (i) requires that a public entity disclose, on an annual and interim basis, an amount for other segment items by reportable segment, and a description of its composition; (ii) requires that all annual disclosures are provided in the interim periods; (iii) clarifies that if the CODM uses more than one measure of profitability in assessing segment performance and deciding how to allocate resources, that one or more of those measures may be reported; (iv) requires disclosure of the title and position of the CODM and a description of how the reported measures are used by the CODM in assessing segment performance and in deciding how to allocate resources; (v) requires that an entity with a single segment provide all new required disclosures. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024 and requires retrospective application. Early adoption is permitted. The amendments under ASU 2023-07 relate to financial disclosures and its adoption will not have an impact on the Company's results of operations, financial position or cash flows. The Company will adopt ASU 2023-07 for the annual reporting period ending December 31, 2024 and for interim reporting periods thereafter.

2. Balance sheet information

Accounts receivable, net

Accounts receivable, net are amounts billed and currently due from customers. The Company records the amounts due net of allowance for credit losses. Collection of the consideration that the Company expects to receive typically occurs within 30 to 90 days of billing. The Company applies the practical expedient for contracts with payment terms of one year or less which does not consider the effects of the time value of money. Occasionally, the Company enters into payment agreements with patients that allow payment terms beyond one year. In those cases, the financing component is not deemed significant to the contract.

Accounts receivable, net of allowances, consisted of the following as of:

	June 29, 2024	December 31, 2023
Accounts receivable[(a)]	$ 140,204	$ 127,008
Less: Allowance for credit losses[(a)]	(2,899)	(4,219)
	$ 137,305	$ 122,789

(a) Accounts receivable of $7,688 attributable to the Company's advanced rehabilitation business was reclassified to assets held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3. Acquisitions and divestitures* for further details regarding assets held for sale.

Due to the short-term nature of the Company's receivables, the estimate of expected credit losses is based on aging of the account receivable balances. The allowance is adjusted on a specific identification basis for certain accounts as well as pooling of accounts with similar characteristics. The Company has a diverse customer base with no single customer representing ten percent or more of sales. The Company has one customer representing approximately 19.2% and 16.0% of the accounts receivable balance as of June 29, 2024 and December 31, 2023, respectively. Historically, the Company's reserves have been adequate to cover credit losses.

Inventory

Inventory consisted of the following as of:

	June 29, 2024	December 31, 2023
Raw materials and supplies[(a)]	$ 24,841	$ 21,062
Finished goods[(a)]	62,765	70,271
	$ 87,606	$ 91,333

(a) Raw materials and supplies of $4,924 and finished goods inventory of $9,449 attributable to the Company's advanced rehabilitation business were reclassified to assets held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3. Acquisitions and divestitures* for further details regarding assets held for sale.

Property and equipment, net

Property and equipment consisted of the following as of:

	June 29, 2024	December 31, 2023
Computer equipment and software	$ 39,713	$ 37,860
Demonstration and consignment inventory	9,963	9,341
Leasehold improvements	3,933	3,763
Furniture and fixtures[(a)]	4,586	4,163
Finance leases	15,737	15,737
Machinery and equipment[(b)]	1,801	2,180
Assets net yet placed in service	2,021	4,065
	77,754	77,109
Less accumulated depreciation	(45,816)	(40,504)
	$ 31,938	$ 36,605

(a) Furniture and fixtures of $51 and accumulated depreciation of $31 attributable to the Company's advanced rehabilitation business were reclassified to assets held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3. Acquisitions and divestitures* for further details regarding assets held for sale.

(b) Machinery and equipment of $385 and accumulated depreciation of $133 attributable to the Company's advanced rehabilitation business were reclassified to assets held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3. Acquisitions and divestitures* for further details regarding assets held for sale.

Intangible assets, net

Intangible assets consisted of the following as of:

	June 29, 2024	December 31, 2023
Intellectual property[a][b]	$ 626,007	$ 677,258
Distribution rights	61,325	61,325
Customer relationships	57,950	57,950
IPR&D	5,500	5,500
Developed technology and other	13,998	13,998
Total carrying amount	764,780	816,031
Less accumulated amortization:		
Intellectual property[a][b]	(221,261)	(218,031)
Distribution rights	(51,790)	(49,301)
Customer relationships	(57,950)	(57,950)
Developed technology and other	(8,004)	(7,521)
Total accumulated amortization	(339,005)	(332,803)
Intangible assets, net before currency translation	425,775	483,228
Currency translation	(1,223)	(878)
	$ 424,552	$ 482,350

(a) Intellectual property of $19,380 and accumulated amortization of $16,656 attributable to the Company's advanced rehabilitation business were reclassified to assets held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3.Acquisitions and divestitures* for further details regarding assets held for sale.

(b) The Company recorded an impairment loss of $31,870 for the three and six months ended June 29, 2024 in the U.S. reporting segment of net intellectual property solely attributable to the Company's advanced rehabilitation business. The loss was recorded in impairment of assets within the consolidated condensed statements of operations and comprehensive loss. Refer to Refer to *Note 3. Acquisitions and divestitures* for further details regarding businesses held for sale.

Estimated amortization expense for intangibles subsequent to reclassifications, impairment and additions for the remainder of 2024 and for the years ended December 31, 2025 through 2028 is expected to be $19,629, $37,412, $34,192, $35,243 and $31,012, respectively.

Accrued liabilities

Accrued liabilities consisted of the following as of:

	June 29, 2024	December 31, 2023
Gross-to-net deductions	$ 68,349	$ 59,592
Bonus and commission	19,987	19,437
Settlement and legal fees	17,737	986
Compensation and benefits	9,081	9,709
Accrued interest	6,185	6,606
Income and other taxes	4,883	4,749
Other liabilities[a]	13,756	18,716
	$ 139,978	$ 119,795

(a) Accrued liabilities of $3,110 attributable to the Company's advanced rehabilitation business were reclassified to liabilities held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3. Acquisitions and divestitures* for further details regarding assets held for sale.

3. Acquisitions and divestitures

Advanced Rehabilitation Business

In May 2024, the Company began contract negotiations with a third-party (the "Buyer") to sell certain products within its advanced rehabilitation business, including the L100, L300 Go, L360, H200, Vector Gait & Safety System and BITS-Bioness Integrated Therapy System (collectively, the "Advanced Rehabilitation Business"). The Advanced Rehabilitation Business is considered non-core and will require additional research and development expenditures to achieve its next stage of growth. The potential divestiture of the Advanced Rehabilitation Business is expected to simplify the Company's business structure and improve liquidity, as the proceeds, net of transactional fees, are required to be used to reduce long-term debt obligations. Contract negotiations are ongoing with the Buyer and as of the end of the second quarter of 2024, the Company had incurred $2,500 in transactional fees resulting from the potential divestiture of the Advanced Rehabilitation Business.

The Company has classified the identifiable net assets of the Advanced Rehabilitation Business as held for sale. A significant portion of the Advanced Rehabilitation Business net assets were within the U.S. reporting segment. Assets and liabilities determined to be part of the Advanced Rehabilitation Business have been recorded as single amounts within the Company's consolidated financial statements. Assets held for sale are reported at the lower of the carrying amount or fair value less costs to sell, which is expected to occur within one year. The Company has ceased depreciating and amortizing the assets classified as held for sale. Assets and liabilities held for sale are reviewed each reporting period to determine whether existing carrying values are fully recoverable in comparison to estimated fair values less costs to sell.

The Company evaluated the Advanced Rehabilitation Business for impairment due to its potential divestiture and, as a result of this evaluation, recorded a $31,870 impairment under the U.S. reporting segment within the consolidated condensed statements of operations and comprehensive loss during the three and six months ended June 29, 2024 to reduce the intangible assets of the Advanced Rehabilitation Business to reflect their respective fair values less any costs to sell. The fair value of its intangibles was based on the preliminary consideration offered for the Advanced Rehabilitation Business.

The carrying amounts for the major classes of assets and liabilities of the Advanced Rehabilitation Business classified as held for sale were as follows:

	June 29, 2024
Carrying amounts of assets classified as held for sale:	
Accounts receivable	$ 7,688
Inventory	14,373
Prepaid and other current assets	1,930
Property and equipment, net	272
Intangible assets	2,724
Operating lease assets	1,171
Other assets	250
Total assets held for sale	$ 28,408
Carrying amounts of liabilities classified as held for sale:	
Accounts payable	$ 1,566
Accrued liabilities	3,110
Other liabilities	1,232
Total liabilities held for sale	$ 5,908

Wound Business

On May 22, 2023, the Company closed the sale of certain assets within its Wound Business, including the TheraSkin and TheraGenesis products (collectively, the "Wound Business"), for potential consideration of $84,675, including $34,675 at closing, $5,000 deferred for 18 months and up to $45,000 in potential earn-out payments, which are based on the achievement of certain revenue thresholds by the purchaser of the Wound Business for sales of the TheraSkin and TheraGenesis products during the 2024, 2025 and 2026 fiscal years.

The Company incurred $3,880 in transactional fees resulting from the sale of the Wound Business. The Company used the proceeds from the sale of its Wound Business to prepay $30,000 of long-term debt obligations. Refer to *Note 4. Financial Instruments* for further details regarding the Company's outstanding long-term debt obligations.

The Company evaluated the Wound Business for impairment prior to its sale and recorded a $78,615 impairment within the consolidated condensed statements of operations and comprehensive loss during the six months ended July 1, 2023 as a result of this evaluation to reduce the intangible assets of the Wound Business to reflect their respective fair values less any costs to sell. The fair value of its intangibles was determined based on the consideration received for the Wound Business. The loss resulting from the deconsolidation of the Wound Business totaled $977 for the three and six months ended July 1, 2023 and was recorded in loss on disposals within the consolidated condensed statements of operations and comprehensive loss.

CartiHeal (2009) Ltd.

On July 12, 2022, the Company completed the acquisition of 100% of the remaining shares in CartiHeal (2009) Ltd. ("CartiHeal"), a developer of the proprietary Agili-C implant for the treatment of joint surface lesions in traumatic and osteoarthritic joints. On February 27, 2023, the Company entered into a settlement agreement (the "Settlement Agreement") with Elron Ventures Ltd. ("Elron"), as representative of CartiHeal's former securityholders (the "Former Securityholders"). Pursuant to the Settlement Agreement, Elron, on behalf of the Former Securityholders, agreed to forbear from initiating any legal action or proceedings related to non-payment of any obligations including deferred purchase price and contingent consideration totaling $215,000 and $135,000, respectively, under the Company's previous agreements to purchase CartiHeal from the Former Securityholders.

Pursuant to the Settlement Agreement, the Company also transferred 100% of its shares in CartiHeal to a trustee (the "Trustee") for the benefit of the Former Securityholders and made a one-time non-refundable payment of $10,150 to Elron to be used for purposes set forth in the Settlement Agreement. Given that upon execution of the Settlement Agreement, the Company had no ownership interest or voting rights in CartiHeal, the Company concluded that it had ceased to control CartiHeal for accounting purposes, and therefore, deconsolidated CartiHeal effective February 27, 2023. CartiHeal was part of the Company's international reporting segment and the Company treated the deconsolidation of CartiHeal as a discontinued operation. The loss on disposal was $60,639 and was recorded within discontinued operations, net of tax within the consolidated condensed statements of operations and comprehensive loss for the six months ended July 1, 2023. Refer to *Note 14. Discontinued operation*s for further information regarding the impact of CartiHeal on the Company's consolidated condensed financial statements for the six months ended July 1, 2023.

4. Financial instruments

Long-term debt consisted of the following as of:

	June 29, 2024	December 31, 2023
Amended Term Loan due October 2026 (9.34% at June 29, 2024)	$ 371,128	$ 382,448
Revolver due October 2025 (9.34% at June 29, 2024)	15,000	15,000
Less:		
Current portion of long-term debt	(38,566)	(27,848)
Unamortized debt issuance cost	(1,459)	(917)
Unamortized discount	(1,387)	(1,685)
	$ 344,716	$ 366,998

Amended Term Loan

On December 6, 2019, the Company entered into a Credit and Guaranty Agreement (the "2019 Credit Agreement") that was comprised of a $200,000 term loan (the "Original Term Loan") and a $50,000 revolving facility (the "Revolver"). The Company amended the 2019 Credit Agreement on August 29, 2021, and then again on October 29, 2021 in connection with the acquisition of Misonix, Inc., in which the Company prepaid $80,000 on the Original Term Loan. The 2019 Credit Agreement, as amended, subsequent to the prepayment, was comprised of a $360,750 term loan ("Term Loan") and the Revolver.

On July 11, 2022, the Company further amended the 2019 Credit Agreement in conjunction with the acquisition of CartiHeal (the "CartiHeal Acquisition"). Pursuant to that amendment, an $80,000 term loan facility (the "July 2022 Term Loan" and, together with the Term Loan, the "Term Loan Facilities") was extended to the Company to be used for: (i) the financing of the CartiHeal Acquisition; (ii) the payment of related fees and expenses; (iii) repayment of the draws made on the Revolver; and (iv) working capital needs and general corporate purposes of the Company, including without limitation for permitted acquisitions.

On March 31, 2023, the Company entered into an additional amendment to the 2019 Credit Agreement to, among other things, modify certain financial covenants, waive covenant noncompliance at December 31, 2022, and to modify interest rates applicable to borrowings under the 2019 Credit Agreement.

On January 18, 2024 (the "Closing Date"), the Company further amended the 2019 Credit Agreement (collectively, with the August 2021, October 2021, July 2022 and March 2023 amendments, the "Amended 2019 Credit Agreement"), to further modify certain financial covenants under the 2019 Credit Agreement. The Company was in compliance as of June 29, 2024 with the financial covenants as stated within the 2019 Credit Agreement.

SOFR loans and base rate loans had a margin of 3.25% and 2.25%, respectively, subsequent to July 11, 2022 and prior to the Closing Date. As of the March 31, 2023 amendment, SOFR loans and base rate loans had a margin of 4.25% and 3.25%, respectively. All obligations under the Amended 2019 Credit Agreement are guaranteed by the Company and certain wholly owned subsidiaries where substantially all the assets of the Company collateralize the obligations.

The Amended 2019 Credit Agreement contains customary affirmative and negative covenants, including those related to financial reporting and notification, restrictions on the declaration or payment of certain distributions on or in respect of Bioventus LLC's equity interests, restrictions on acquisitions, investments and certain other payments, limitations on the incurrence of new indebtedness, limitations on transfers, sales and other dispositions of assets of Bioventus LLC and its subsidiaries, as well as limitations on making changes to the business and organizational documents of Bioventus LLC and its subsidiaries. Financial covenant requirements include a maximum debt leverage ratio and an interest coverage ratio. In addition, during the period commencing on the Closing Date and ending upon the satisfaction of certain conditions occurring not prior to the delivery of financial statements of the Company for the fiscal quarter ending October 29, 2025, the Company will be subject to certain additional requirements and covenants, including a requirement to maintain Liquidity (as defined in the Amended 2019 Credit Agreement) of not less than $10,000 as of the end of each calendar month during such period. The Term Loan Facilities will mature on October 29, 2026. The Revolver will mature on October 29, 2025.

The January 2024 amendment had deferred financing costs of $1,180, of which $325 was recorded in selling, general and administrative expense within the consolidated condensed statements of operations and comprehensive loss and $855 was capitalized on the consolidated condensed balance sheets during the six months ended June 29, 2024. The March 2023 amendment had deferred financing costs of $3,661, of which $1,617 was recorded in selling, general and administrative expense within the consolidated condensed statements of operations and comprehensive loss and $2,044 was capitalized on the consolidated condensed balance sheets during the six months ended July 1, 2023. There were no losses on debt refinancing and modification as a result of either the January 2024 or March 2023 amendments.

As of June 29, 2024, $368,282 was outstanding on the Term Loan Facilities, net of original issue discount of $1,387 and deferred financing costs of $1,459. As previously discussed in *Note 3. Acquisitions and divestitures*, the Company made a prepayment of $30,000 on its Term Loan Facilities with the proceeds from the Wound Business divestiture during the second quarter of 2023. Capitalized deferred fees are amortized to interest expense on a straight-line basis over the term of the Term Loan Facilities, which approximates the effective interest method. Interest expense includes deferred cost amortization of $381, $915, $762 and $1,138 for the three months June 29, 2024 and July 1, 2023 and the six months ended June 29, 2024 and July 1, 2023, respectively.

The estimated fair value of the Term Loan Facilities was $370,664 as of June 29, 2024. The fair value of these obligations was determined based on the midpoint of the Bloomberg Valuation. This is classified as a Level 2 instrument within the fair value hierarchy.

Revolver and Letters of Credit

The Revolver is a five-year revolving credit facility that includes revolving and swingline loans as well as letters of credit ("LOC") and, inclusive of all, could not exceed $45,000 at any one time as the Revolver capacity was reduced by $5,000 at December 31, 2023 in accordance with the 2019 Credit Agreement then in effect. The Revolver was further reduced by $5,000 at June 30, 2024, limiting borrowing capacity to $40,000. The Company had $15,000 outstanding borrowings on its Revolver as of June 29, 2024 and December 31, 2023. LOCs are available in an amount not to exceed $7,500. The Company had two LOCs outstanding as of June 29, 2024, leaving approximately $5,800 available. Revolving loans are due at the earlier of termination or maturity. Swingline loans are available as base rate option loans only and must be outstanding for at least five days. Swingline loans are due the fifteenth or last day of a calendar month or maturity, whichever is earlier.

5. Fair value measurements

The process for determining fair value has not changed from that described in the Annual Report on Form 10-K for the year ended December 31, 2023.

There were no assets measured at fair value on a recurring basis and there were no liabilities valued at fair value using Level 1 or Level 2 inputs. The following table provides information for assets and liabilities measured at fair value on a recurring basis using Level 3 inputs:

	June 29, 2024		December 31, 2023	
	Total	Level 3	Total	Level 3
Liabilities:				
Current portion of contingent consideration	$ 18,745	$ 18,745	$ —	$ —
Contingent consideration	—	—	18,150	18,150
Total liabilities:	$ —	$ —	$ 18,150	$ 18,150

Contingent consideration

The Company initially values contingent consideration related to business combinations using a probability-weighted calculation of potential payment scenarios discounted at rates reflective of the risks associated with the expected future cash flows for certain milestones. For other milestones, the Company used a variation of the income approach where revenue was simulated in a risk-neutral framework using Geometric Brownian Motion, a stock price behavior model.

Key assumptions used to estimate the fair value of contingent consideration include projected financial information, market data and the probability and timing of achieving the specific targets. After the initial valuation, the Company generally uses its best estimate to measure contingent consideration at each subsequent reporting period using unobservable Level 3 inputs.

Unobservable inputs

A summary of unobservable Level 3 inputs utilized for the above liabilities are as follows:

	Valuation Technique	Unobservable inputs	Range
Bioness contingent consideration	Discounted cash flow	Payment discount rate	6.4% - 6.8%
		Payment period	2024 - 2025

Significant changes in these assumptions could result in a significantly higher or lower fair value. The contingent consideration reported in the table above resulted from the acquisition of Bioness on March 30, 2021. Contingent consideration is adjusted quarterly based upon the passage of time or the anticipated success or failure of achieving certain milestones. Changes in contingent consideration related to Bioness for the three months ended June 29, 2024 and July 1, 2023 and six months ended June 29, 2024 and July 1, 2023 totaled $300, $240, $595 and $527, respectively, and were recorded as the change in fair value of contingent consideration within the consolidated condensed statements of operations and comprehensive loss.

6. Equity-based compensation

2021 Plan

The Company operates an equity-based compensation plan (the “2021 Plan”), which allows for the issuance of stock options (incentive and nonqualified), restricted stock, dividend equivalents, restricted stock units (“RSUs”), other stock-based awards, and cash awards (collectively, the “2021 Plan Awards”). As of June 29, 2024, 19,564,333 shares of Class A common stock have been authorized to be awarded under the 2021 Plan and 8,921,686 shares were available for 2021 Plan Awards.

2023 Plan

The Company also operates the 2023 Retention Equity Award Plan (the “2023 Plan” and, together with the 2021 Plan, the “Plans”), the purpose of which is to retain and motivate critical personnel over the short-term by providing them additional incentives in the form of RSUs (the “Retention Awards” and together with the “2021 Plan Awards,” the “Awards”). As of June 29, 2024, 600,000 shares of Class A common stock were authorized to be awarded under the 2023 Plan and 84,700 shares were available for Retention Awards.

Activity under the Plans

Expense

Equity-based compensation, net for Awards granted under the Plans for the three and six months ended June 29, 2024 totaled $3,457 and $6,048, respectively. Equity-based compensation, net for Awards granted under the Plans for the three and six months ended July 1, 2023 totaled $2,797 and $1,079, respectively, in expense reduction as a result of expense reversals due to executive leadership transitions. Expenses and expense reductions are primarily included in selling, general and administrative expense with a nominal amount in research and development expense within the consolidated condensed statements of operations and comprehensive loss based upon the department of the employee. There were no income tax benefits related to equity-based compensation expense for the three and six months ended June 29, 2024 and July 1, 2023.

Restricted Stock Units

During the three and six months ended June 29, 2024, the Company granted time-based RSUs which vest at various dates through March 15, 2028. RSU compensation expense is recognized over the vesting period, which is typically between 1 and 4 years. Unamortized compensation expense related to the RSUs totaled $7,091 at June 29, 2024, and is expected to be recognized over a weighted average period of approximately 2.40 years. A summary of the RSU award activity for the six months ended June 29, 2024 is as follows (number of units in thousands):

	Number of units	Weighted-average grant-date fair value per unit
Unvested at December 31, 2023	2,066	$ 4.51
Granted	2,429	5.45
Vested	(1,550)	4.56
Forfeited or canceled	(105)	7.33
Unvested at June 29, 2024	2,840	$ 5.12

Stock Options

During the three and six months ended June 29, 2024, the Company granted time-based stock options which vest over 1 to 4 years following the date of grant and expire within 10 years. The fair value of time-based stock options is determined using the Black-Scholes valuation model, with such value recognized as expense over the service period, which is typically 1 to 4 years, net of actual forfeitures. A summary of the Company's assumptions used in determining the fair value of the stock options granted during the six months ended June 29, 2024 is shown in the following table:

Risk-free interest rate	3.9% - 4.3%
Expected dividend yield	— %
Expected stock price volatility	36.1% - 36.4%
Expected life of stock options (years)	6.25

The weighted-average grant date fair value of options granted during the six months ended June 29, 2024 was $2.25 per share. The expected term of the options granted is estimated using the simplified method. Expected volatility is based on the historical volatility of the Company's peers' common stock. The risk-free interest rate is determined based upon a constant U.S. Treasury security rate with a contractual life that approximates the expected term of the option. Unamortized compensation expense related to the options totaled $4,342 at June 29, 2024, and is expected to be recognized over a weighted average period of approximately 2.86 years.

A summary of stock option activity is as follows for the six months ended June 29, 2024 (number of options in thousands):

	Number of options	Weighted-average exercise price	Weighted average remaining contractual term	Aggregate intrinsic value
Outstanding at December 31, 2023	4,347	$ 8.68		
Granted	1,763	5.18		
Exercised	(229)	5.21		
Forfeited or canceled	(747)	10.51		
Outstanding at June 29, 2024	5,134	7.53	7.66	$ 4,968
Exercisable and vested at June 29, 2024	1,982	$ 9.95	5.57	$ 855

The aggregate intrinsic value is calculated as the difference between the exercise price of the underlying options and the market price of the Company's Class A common stock for options that had exercise prices lower than $5.75 per share as this was the closing price of the Company's Class A common stock on June 28, 2024, the last trading day of the second quarter.

Employee Stock Purchase Plan

The Company operates a non-qualified Employee Stock Purchase Plan ("ESPP"), which provides for the issuance of shares of the Company's Class A common stock to eligible employees of the Company that elect to participate in the plan and purchase shares of Class A common stock through payroll deductions at a discounted price. As of June 29, 2024, the aggregate number of shares reserved for issuance under the ESPP was 1,393,982. A total of 125,622 shares were issued under the ESPP and $215 of expense was recognized during the three and six months ended June 29, 2024. A total of 144,851 and 366,927 shares were issued under the ESPP and $65 and $193 of expense was recognized during the three and six months ended July 1, 2023, respectively.

7. Stockholders' equity

On February 16, 2021, the Company closed an IPO of 9,200,000 shares of Class A common stock through an UP-C structure with BV LLC. In connection with the IPO, the Company amended and restated the limited liability agreement of BV LLC ("BV LLC Agreement") to provide for a new single class of common membership interests in BV LLC ("LLC Interests") and exchange all of the existing membership interests in BV LLC (the "Original BV LLC Owners") for new LLC Interests. The Company also amended its certificate of incorporation to authorize the following shares: (i) 250,000,000 shares of Class A common stock with a par value of $0.001 per share; (ii) 50,000,000 shares of Class B common stock with a par value of $0.001 per share, which have voting rights but no economic interest, and some of which were issued to the Original BV LLC Owners; and (iii) 10,000,000 shares of undesignated preferred stock that may be issued from time to time by the Company's board of directors. In connection with the completion of the IPO, the Company acquired, by merger, certain entities that were part of the Original BV LLC Owners ("Former BV LLC Owners"), for which the Company issued 31,838,589 Class A common stock as merger consideration ("IPO Mergers") and cancelled the Class B common stock held by such Former BV LLC Owners. The IPO Mergers are deemed to be a recapitalization transaction.

Holders of the Company's Class A and Class B common stock are entitled to one vote per share and, except as otherwise required, will vote together as a single class on all matters on which stockholders generally are entitled to vote. Holders of Class B common stock are not entitled to receive dividends and will not be entitled to receive any distributions upon the liquidation, dissolution or winding up of the Company. Shares of Class B common stock may only be issued to the extent necessary to maintain the one-to-one ratio between the number of LLC Interests and the number of shares of Class B common stock held by Smith & Nephew, Inc. (the "Continuing LLC Owner"). Shares of Class B common stock are transferable only together with an equal number of LLC Interests. Shares of Class B common stock will be canceled on a one-for-one basis upon the redemption or exchange of any outstanding LLC Interests.

Noncontrolling interest

In connection with any redemption pursuant to the BV LLC Agreement, the Company will receive a corresponding number of LLC Interests, increasing its ownership interest in BV LLC. Future redemptions of LLC Interests will result in a change in ownership and reduce the amount recorded as noncontrolling interest and increase additional paid-in capital. There were no redemptions during the six months ended June 29, 2024 or during the year ended December 31, 2023. The following table summarizes the ownership interest in BV LLC as of June 29, 2024 and December 31, 2023 (number of units in thousands):

	June 29, 2024		December 31, 2023	
	LLC Interests	Ownership %	LLC Interests	Ownership %
Number of LLC Interests owned				
Bioventus Inc.	65,172	80.5 %	63,267	80.0 %
Continuing LLC Owner	15,787	19.5 %	15,787	20.0 %
Total	80,959	100.0 %	79,054	100.0 %

8. Earnings per share

The following table sets forth the computation of basic and diluted loss per share of Class A common stock for the periods presented (amounts in thousands, except share and per share data):

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
Numerator:				
Net loss from continuing operations, net of tax	$ (32,112)	$ (4,731)	$ (38,094)	$ (104,749)
Net loss attributable to noncontrolling interests — continuing operations	8,120	1,050	9,532	21,410
Net loss attributable to Bioventus Inc. Class A common stockholders — continuing operations	$ (23,992)	$ (3,681)	$ (28,562)	$ (83,339)
Numerator:				
Net loss from discontinued operations, net of tax	$ —	$ —	$ —	$ (74,429)
Net loss attributable to noncontrolling interests — discontinued operations	—	—	—	14,937
Net loss attributable to Bioventus Inc. Class A common stockholders — discontinued operations	$ —	$ —	$ —	$ (59,492)
Denominator:				
Weighted-average shares of Class A common stock outstanding—basic and diluted	64,056,759	62,551,285	63,720,342	62,338,018
Net loss per share of Class A common stock from continuing operations, basic and diluted	$ (0.37)	$ (0.06)	$ (0.45)	$ (1.34)
Net loss per share of Class A common stock from discontinued operations, basic and diluted	—	—	—	(0.95)
Net loss per share of Class A common stock, basic and diluted	$ (0.37)	$ (0.06)	$ (0.45)	$ (2.29)

Shares of Class B common stock do not share in the losses of the Company and are therefore not participating securities. As such, separate presentation of basic and diluted losses per share of Class B common stock under the two-class method has not been presented.

The following number of weighted-average potentially dilutive shares as of June 29, 2024 and July 1, 2023 were excluded from the calculation of diluted loss per share because the effect of including such potentially dilutive shares would have been antidilutive upon conversion:

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
LLC Interests held by Continuing LLC Owner[a]	15,786,737	15,786,737	15,786,737	15,786,737
Stock options	4,208,043	6,730,685	4,177,250	7,623,865
RSUs	49,784	766,427	25,029	974,238
Total	20,044,564	23,283,849	19,989,016	24,384,840

(a) Class A Shares reserved for future issuance upon redemption or exchange of LLC Interests by the Continuing LLC Owner.

9. Restructuring costs

Restructuring costs are not allocated to the Company’s reportable segments as they are not part of the segment performance measures regularly reviewed by management. These charges are included in restructuring costs in the consolidated statements of operations and comprehensive loss. Liabilities associated from restructuring costs are recorded in accrued liabilities on the consolidated balance sheets.

The Company's prior restructuring plans adopted in 2021 and 2022 focused on aligning its organizational and management cost structure to improve profitability and cash flow, reduce headcount and the consolidation of facilities. These plans have been completed. There were no restructuring expenses incurred during the three and six months ended June 29, 2024. Restructuring expenses incurred during three and six months ended July 1, 2023 totaled $620 and $937, respectively. Payments for restructuring liabilities during the six months ended June 29, 2024 and July 1, 2023 totaled $961 and $3,085, respectively.

10. Income taxes

The tax provision for interim periods is determined using an estimate of the Company's annual effective tax rate, adjusted for discrete items, if any, that arise during the period. Each quarter, the Company updates its estimate of its annual effective tax rate, and if the estimated annual effective tax rate changes, the Company makes a cumulative adjustment in such period. The quarterly tax provision, and estimate of the Company's annual effective tax rate, are subject to variation due to several factors, including variability in pre-tax income (or loss), the mix of jurisdictions to which such income relates, changes in how the Company conducts business, and tax law developments.

For the three and six months ended June 29, 2024 and July 1, 2023, the Company's effective tax rate was 18.6%, 8.8%, and 14.4% and 0.2%, respectively. The change in rate for the three and six months ended June 29, 2024 compared to the prior year comparable period was primarily due to losses in certain entities.

Tax Receivable Agreement

The Company expects to obtain an increase in the share of the tax basis of the assets of BV LLC when LLC Interests are redeemed or exchanged by the Continuing LLC Owner and other qualifying transactions. This increase in tax basis may have the effect of reducing the amounts that the Company would otherwise pay in the future to various tax authorities. The increase in tax basis may also decrease gains (or increase losses) on future dispositions of certain capital assets to the extent tax basis is allocated to those capital assets.

On February 16, 2021, the Company entered into a tax receivable agreement ("TRA") with the Continuing LLC Owner that provides for the payment by the Company to the Continuing LLC Owner of 85% of the amount of tax benefits, if any, that the Company actually realizes as a result of (i) increases in the tax basis of assets of BV LLC resulting from any redemptions or exchanges of LLC Interests or any prior sales of interests in BV LLC; and (ii) certain other tax benefits related to our making payments under the TRA.

The Company maintains a full valuation allowance against deferred tax assets related to the tax attributes generated as a result of redemptions of LLC Interests or exchanges described above until it is determined that the benefits are more-likely-than-not to be realized. Subsequent to the consummation of the IPO Mergers, the Continuing LLC Owner has not exchanged LLC Interests for shares of Class A common stock.

11. Commitments and contingencies

Leases

The Company leases its office facilities as well as other property, vehicles and equipment under operating leases. The Company also leases certain office equipment under nominal finance leases. The remaining lease terms range from 1 month to 8.8 years.

The components of lease cost were as follows:

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
Operating lease cost	$ 938	$ 1,010	$ 1,826	$ 2,079
Short-term lease cost[(a)]	326	229	406	435
Financing lease cost:				
Amortization of finance lease assets	174	393	332	628
Interest on lease liabilities	217	229	438	366
Total lease cost	$ 1,655	$ 1,861	$ 3,002	$ 3,508

(a) Includes variable lease cost and sublease income, which are immaterial.

Supplemental cash flow information and non-cash activity related to leases were as follows:

	Six Months Ended	
	June 29, 2024	July 1, 2023
Cash paid for amounts included in measurement of lease liabilities:		
Operating cash flows from operating leases	$ 2,319	$ 2,227
Operating cash flows from financing leases	$ 438	$ 337
Financing cash flows from finance leases	$ 373	$ 175
Right-of-use assets obtained in exchange for lease obligations:		
Operating lease obligations	$ 132	$ 254
Financing lease obligations	$ —	$ 15,567

Supplemental balance sheet and other information related to leases were as follows:

	June 29, 2024	December 31, 2023
Operating lease assets[(a)]	$ 10,366	$ 13,353
Operating lease liabilities—current[(b)]	$ 3,038	$ 4,057
Operating lease liabilities—noncurrent[(b)]	8,469	10,573
Total operating lease liabilities	$ 11,507	$ 14,630
Property, plant and equipment, net (finance leases)	$ 13,491	$ 14,279
Finance lease liabilities—current	$ 791	$ 759
Finance lease liabilities—noncurrent	9,981	10,386
Total financing lease liabilities	$ 10,772	$ 11,145
Weighted average remaining lease term (years) for leases		
Operating leases	3.4	3.8
Finance leases	8.8	9.3
Weighted average discount rate for leases		
Operating leases	4.8 %	4.7 %
Finance leases	8.1 %	8.1 %

(a) Operating lease assets totaling $1,171 attributable to the Advanced Rehabilitation Business were reclassified to assets held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3. Acquisitions and divestitures* for further details regarding assets held for sale.

(b) Current and noncurrent operating lease liabilities of $983 and $249, respectively, were reclassified to liabilities held for sale within the June 29, 2024 consolidated condensed balance sheets. Refer to *Note 3. Acquisitions and divestitures* for further details regarding assets held for sale.

Governmental and legal contingencies

In the normal course of business, the Company periodically becomes involved in various claims and lawsuits, and governmental proceedings and investigations that are incidental to its business. The Company accrues a liability when a loss is considered probable and the amount can be reasonably estimated. When a material loss contingency is reasonably possible but not probable, the Company does not record a liability, but instead discloses the nature and amount of the claim, and an estimate of the possible loss or range of loss, if such an estimate can be made. Legal fees are expensed as incurred. With respect to governmental proceedings and investigations, like other companies in the industry, the Company is subject to extensive regulation by national, state and local governmental agencies in the United States and in other jurisdictions in which the Company and its affiliates operate. As a result, interaction with governmental agencies is ongoing. The Company's standard practice is to cooperate with regulators and investigators in responding to inquiries.

The Company is presently unable to predict the duration, scope, or result of these matters. As such, the Company is presently unable to develop a reasonable estimate of a possible loss or range of losses, if any, related to these matters. While the Company intends to defend these matters vigorously, the outcome of such litigation or any other litigation is necessarily uncertain, is not within the Company's complete control and might not be known for extended periods of time. In the opinion of management, the outcome of any existing claims and legal or regulatory proceedings, other than the specific matters described below, if decided adversely, is not expected to have a material adverse effect on the Company's business, financial condition, results of operations, or cash flows.

Bioventus shareholder litigation

On January 12, 2023, the Company and certain of its current and former directors and officers were named as defendants in a putative class action lawsuit filed in the Middle District of North Carolina (the "Court"), Ciarciello v. Bioventus, Inc., No. 1:23– CV – 00032-CCE-JEP (M.D.N.C. 2023). The complaint asserted violations of Sections 10(b) and 20(a) of the Exchange Act and of Sections 11 and 15 of the Securities Act and generally alleges that the Company failed to disclose certain information regarding rebate practices, its business and financial prospects, and the sufficiency of internal controls regarding financial reporting. The complaint seeks damages in an unspecified amount. On April 12, 2023, the Court appointed Wayne County Employees' Retirement System as lead plaintiff. The plaintiff's amended consolidated complaint was filed with the Court on June 12, 2023. On July 17, 2023, the defendants filed a motion to dismiss the complaint raising a number of legal and factual deficiencies with the amended consolidated complaint. In response to the defendants' motion to dismiss, the lead plaintiff filed a second amended complaint on July 31, 2023. The defendants moved to dismiss the second amended complaint on August 21, 2023, which the Court granted in part and denied in part on November 6, 2023. The Court dismissed the plaintiff's Securities Act claims, but allowed the plaintiff's Exchange Act claims to proceed into discovery.

On July 15, 2024, a Stipulation and Agreement of Settlement (the "Settlement Agreement") by and between the lead plaintiff and the defendants was filed with the Court. The Settlement Agreement, which is subject to Court approval, provides among other things for (i) the dismissal of all claims against the defendants, including the Company; (ii) a settlement amount of $15,250, together with interest earned thereon, to be paid by the defendants and/or the defendant's insurers within 30 days after the later of (x) the date of entry by the Court of an order preliminarily approving the terms of the settlement or (y) receipt by the defendants from lead counsel of the information necessary to effectuate a transfer of the settlement funds; and (iii) no admission of liability or wrongdoing by any party. The Company incurred $12,502 and $13,670 of net shareholder litigation costs (including estimated settlement and reimbursement) during the three and six months ended June 29, 2024 under the Settlement Agreement, which were recorded in selling, general and administrative expense within the consolidated condensed statements of operations and comprehensive loss. The Company expects to be reimbursed approximately $6,500 of the fees incurred to date, which was recorded in other current assets within the June 29, 2024 consolidated condensed balance sheets.

On October 4, 2023, certain of the Company's current and former directors and officers were named as defendants in a derivative shareholder lawsuit (in which the Company is a nominal defendant) filed in the United States District Court for the District of Delaware, Grogan, on behalf of Bioventus Inc., v. Reali, et.al., No. 1:23-CV-01099-RGA (D. Del. 2023). The complaint asserts violations of Section 14(a) of the Exchange Act, breaches of fiduciary duties and related state law claims, and a claim for contribution, and generally alleges the same purported misconduct as alleged in the Ciarciello case. On January 12, 2024, the Court agreed to stay this case pending resolution of the *Ciarciello* case. The Company may incur further legal costs until settlement is ultimately approved and executed by the Court.

On February 9, 2024, another plaintiff filed a derivative shareholder lawsuit against certain of the Company's current and former directors and officers (in which the Company is a nominal defendant) filed in the United States District Court for the District of Delaware, Sanderson, on behalf of Bioventus Inc., v. Reali, et.al., No. 1:24-cv-00180-RGA (D. Del. 2024). Like the *Grogan* case, this case asserts violations of Section 10(b) of the Exchange Act, breaches of fiduciary duties and related state law claims, and a claim for contribution, and generally alleges the same purported misconduct as alleged in the *Ciarciello* case. On May 1, 2024, the parties filed a stipulation to consolidate the two derivative matters and stay them on terms similar to those entered in the *Grogan* case. On May 2, 2024, the United States District Court for the District of Delaware granted the stipulation and ordered the consolidation of the *Sanderson* and *Grogan* cases (as consolidated, the "Grogan Case").

The Company believes the claims alleged in the *Grogan* Case lacks merit and intends to defend itself vigorously. The outcome of this matter is not presently determinable, and any loss is neither probable nor reasonably estimable.

Bioness stockholder litigation

On February 8, 2022, a minority shareholder of Bioness filed an action in the Delaware State Court of Chancery in connection with the Company's acquisition of Bioness, Teuza, a Fairchild Technology Venture Ltd. v. Lindon, et. al., No. 2022-0130 -SG. This action names the former Bioness directors, the Alfred E. Mann Trust ("Trust"), which was the former majority shareholder of Bioness, the trustees of the Trust and Bioventus as defendants. The complaint alleges, among other things, that the individual directors, the Trust, and the trustees breached their fiduciary duty to the plaintiff in connection with their consideration and approval of the Company's transaction. The complaint also alleges that the Company aided and abetted the other defendants in breaching their fiduciary duties to the plaintiff and that the Company breached the Merger Agreement by failing to pay the plaintiff its pro rata share of the merger consideration. The Company believes that it is indemnified under the indemnification provisions contained in the Bioness Merger Agreement for these claims. On July 20, 2022, the Company filed a motion to dismiss all claims made against it on various grounds, as did all the other named defendants in the suit. A hearing on Bioness' and other the defendant's motions was held before the Court of Chancery on January 19, 2023. On April 27, 2023, the Court issued an order which, among other things, dismissed Bioventus from the case.

Other matters

On November 10, 2021, the Company entered into an asset purchase agreement for an HA product and made an upfront payment of $853. An additional payment of $853 was made in 2022 upon the transfer of certain seller customer data. If the Company is able to obtain a Medical Device Regulation Certification for the product, $1,707 (the "Milestone Payment") will be paid to the seller within five days. The Company is also required to pay royalties if certifications are achieved before December 31, 2024. Royalties will be payable through 2026 of 5.0% on the first $569 in sales and 2.5% thereafter. On March 8, 2023, the parties amended the agreement under which the Milestone Payment was reduced to $1,418, of which $709 was paid on January 31, 2024, and the remainder is due upon receipt of the Medical Device Regulation Certification for the product provided that it is obtained prior to December 31, 2024. As a result, the Company recorded an intellectual property intangible asset totaling $709 for initial payment.

On August 23, 2019, the Company was assigned a third-party license on a product currently in development and the Company is subject to a 3% royalty on certain commercial sales, or a nominal minimum amount per quarter.

On December 9, 2016, the Company entered into an amended and restated license agreement for the exclusive U.S. distribution and commercialization rights of a single injection osteoarthritis ("OA") product with the supplier of the Company's single injection OA product for the non-U.S. market. The agreement requires the Company to meet annual minimum purchase requirements and pay royalties on net sales. Royalties related to this agreement during the three months ended June 29, 2024 and July 1, 2023 and the six months ended June 29, 2024 and July 1, 2023 totaled $4,594 $4,119, $8,173 and $6,440, respectively. These royalties are included in cost of sales within the consolidated condensed statements of operations and comprehensive loss.

As part of a supply agreement entered on February 9, 2016 for the Company's three injection OA product, the Company is subject to annual minimum purchase requirements for 10 years. After the initial 10 years, the agreement will automatically renew for an additional 5 years unless terminated by the Company or the seller in accordance with the agreement.

As part of a supply agreement for the Company's five injection OA product that was amended and restated on December 22, 2020, the Company is subject to annual minimum purchase requirements for 8 years.

From time to time, the Company causes LOCs to be issued to provide credit support for guarantees, contractual commitments and insurance policies. The fair values of the LOCs reflect the amount of the underlying obligation and are subject to fees payable to the issuers, competitively determined in the marketplace. As of June 29, 2024 and December 31, 2023, the Company had two LOCs outstanding for $1,700.

The Company currently maintains insurance for risks associated with the operation of its business, provision of professional services and ownership of property. These policies provide coverage for a variety of potential losses, including loss or damage to property, bodily injury, general commercial liability, professional errors and omissions and medical malpractice. The Company is self-insured for health insurance covering most of its employees located in the United States. The Company maintains stop-loss insurance on a "claims made" basis for expenses in excess of $250 per member per year.

12. Revenue recognition

Our policies for recognizing sales have not changed from those described in the Company's Annual Report on Form 10-K for the year ended December 31, 2023. The Company attributes net sales to external customers to the U.S. and to all foreign countries based on the legal entity from which the sale originated.

As previously discussed in *Note 1. Organization,* SonicOne revenue was reclassified from Restorative Therapies to Surgical Solutions on a prospective and retrospective basis as its capabilities to remove devitalized or necrotic tissue and fiber deposits more closely aligns with Surgical Solutions' soft tissue management. SonicOne revenue reclassified for the three and six months ended July 1, 2023 totaled $1,832 and $3,544, respectively, for the U.S. reporting segment and $84 and $149, respectively, for the International reporting segment. The Company had product sales to one customer totaling $18,266 and $31,409 in the U.S. segment during the three and six months ended June 29, 2024, representing 12.2% and 11.3% of total net sales, respectively. There was no customers representing 10% or more of net sales during the three and six months ended July 1, 2023. The following table presents the Company's net sales disaggregated by major business within each segment as follows:

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
U.S.				
Pain Treatments	$ 65,194	$ 55,617	$ 115,831	$ 96,612
Restorative Therapies	27,435	30,012	52,739	60,788
Surgical Solutions	41,780	35,218	80,120	67,425
Total U.S. net sales	134,409	120,847	248,690	224,825
International				
Pain Treatments	7,066	6,024	13,118	11,355
Restorative Therapies	4,185	4,690	9,355	10,239
Surgical Solutions	5,557	5,508	9,511	9,709
Total International net sales	16,808	16,222	31,984	31,303
Total net sales	$ 151,217	$ 137,069	$ 280,674	$ 256,128

13. Segments

The Company's two reportable segments are U.S. and International. U.S. segment revenues totaled $134,409, $120,847, $248,690 and $224,825 for the three months ended June 29, 2024 and July 1, 2023 and the six months ended June 29, 2024 and July 1, 2023, respectively. International segment revenues totaled $16,808, $16,222, $31,984 and $31,303 for the three months ended June 29, 2024 and July 1, 2023 and the six months ended June 29, 2024 and July 1, 2023, respectively. The Company's products are primarily sold to orthopedists, musculoskeletal and sports medicine physicians, podiatrists, neurosurgeons and orthopedic spine surgeons, as well as to their patients. The Company does not disclose segment information by asset as the Chief Operating Decision Maker does not review or use it to allocate resources or to assess the operating results and financial performance. Segment Adjusted EBITDA is the segment profitability metric reported to the Company's Chief Operating Decision Maker for purposes of decisions about allocation of resources to, and assessing performance of, each reportable segment.

The following table presents segment Adjusted EBITDA reconciled to loss before income taxes:

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
Segment Adjusted EBITDA				
U.S.	$ 31,590	$ 24,712	$ 51,346	$ 39,424
International	2,862	3,446	5,729	5,685
Interest expense, net	(9,924)	(10,587)	(20,263)	(20,281)
Depreciation and amortization	(13,090)	(14,600)	(24,875)	(31,073)
Acquisition and related costs	(300)	(1,448)	(511)	(2,623)
Shareholder litigation costs	(12,502)	—	(13,670)	—
Restructuring and succession charges	40	(620)	(13)	(937)
Equity compensation	(3,672)	2,732	(6,263)	886
Financial restructuring costs	5	(1,257)	(347)	(6,587)
Impairments of assets	(31,870)	—	(31,870)	(78,615)
Loss on disposal of a business	—	(977)	—	(977)
Other items	(2,590)	(5,751)	(3,789)	(9,416)
Loss before income taxes	$ (39,451)	$ (4,350)	$ (44,526)	$ (104,514)

14. Discontinued operations

On February 27, 2023 the Company reached a Settlement Agreement with the Former Securityholders of CartiHeal that resulted in the transfer of 100% of Company's shares in CartiHeal to a Trustee. Refer to *Note 3. Acquisitions and divestitures* for further details concerning the Settlement Agreement and the deconsolidation of CartiHeal. CartiHeal had no sales during the year ended December 31, 2023.

The following table summarizes the major income and expense line items of these discontinued operations, as reported in the consolidated statements of operations for the six months ended July 1, 2023 as there was no activity for discontinued operations subsequent to the first quarter of 2023:

	Six Months Ended July 1, 2023
Selling, general and administrative expense	$ 1,728
Research and development expense	396
Change in fair value of contingent consideration[(a)]	1,710
Depreciation and amortization[(a)]	4,264
Impairments of assets	—
Operating loss from discontinued operations	(8,098)
Interest expense, net	4,889
Other (income) expense[(b)]	61,442
Other (income) expense	66,331
Loss before income taxes	(74,429)
Income tax benefit, net	—
Net loss from discontinued operations	(74,429)
Loss attributable to noncontrolling interest - discontinued operations	14,937
Net loss attributable to Bioventus Inc. - discontinued operations	$ (59,492)

(a) Depreciation and amortization and the change in fair value of contingent consideration represents the significant operating non-cash items of discontinued operations.

(b) Other expense includes the $60,639 loss on deconsolidation, of which $10,150 was attributable to non-refundable payments. Total investing cash outflows included these non-refundable payments and $1,356 cash on hand at disposal.

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

The following discussion and analysis of Bioventus Inc.'s (sometimes referred to as "we," "us," "our," "Bioventus" or "the Company") financial condition and results of operations should be read in conjunction with the "Special Note Regarding Forward-Looking Statements" and our unaudited consolidated condensed financial statements and related notes thereto appearing elsewhere in this Quarterly Report on Form 10-Q, as well as our audited consolidated financial statements and related notes included in our Annual Report on Form 10-K for the year ended December 31, 2023 filed with the Securities and Exchange Commission ("SEC") on March 12, 2024 ("2023 10-K").

Executive Summary

We are a global medical device company focused on developing and commercializing clinically differentiated, cost efficient and minimally invasive treatments that engage and enhance the body's natural healing process. We operate our business through two reportable segments, U.S. and International, and our portfolio of products is grouped into three businesses:

- Pain Treatments is comprised of non-surgical joint pain injection therapies as well as peripheral nerve stimulation ("PNS") products to help the patient get back to their normal activities.
- Surgical Solutions is comprised of bone graft substitutes ("BGS") that increase bone formation to stimulate bone healing in spinal fusions and other orthopedic surgeries, as well as a portfolio of ultrasonic products used for precise bone cutting and sculpting, soft tissue management (i.e., tumor and liver resections) and tissue debridement, in various surgeries, including minimally invasive applications.
- Restorative Therapies is comprised of a bone healing system, as well as devices designed to help patients regain leg or hand function due to stroke, multiple sclerosis or other central nervous system disorders.

The following table sets forth total net sales, net loss and Adjusted EBITDA for the periods presented:

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
Net sales	$ 151,217	$ 137,069	$ 280,674	$ 256,128
Net loss from continuing operations	$ (32,112)	$ (4,731)	$ (38,094)	$ (104,749)
Adjusted EBITDA[(1)]	$ 34,452	$ 28,158	$ 57,075	$ 45,109
Loss per Class A common stock, basic and diluted:				
Continuing operations	$ (0.37)	$ (0.06)	$ (0.45)	$ (1.34)
Discontinued operations	—	—	—	(0.95)
Loss per Class A common stock, basic and diluted	$ (0.37)	$ (0.06)	$ (0.45)	$ (2.29)

(1) See below under results of operations-Adjusted EBITDA for a reconciliation of net loss to Adjusted EBITDA.

<u>Significant transactions</u>

Advanced Rehabilitation Business

In May 2024, we began contract negotiations with a third-party (the "Buyer") to sell certain products within our advanced rehabilitation business, including the L100, L300 Go, L360, H200, Vector Gait & Safety System and BITS-Bioness Integrated Therapy System (collectively, the "Advanced Rehabilitation Business"). The Advanced Rehabilitation Business is considered non-core and will require additional research and development expenditures to achieve its next stage of growth. The potential divestiture of the Advanced Rehabilitation Business is expected to simplify our business structure and improve liquidity, as the proceeds, net of transactional fees, are required to be used to reduce long-term debt obligations. Contract negotiations are ongoing with the Buyer and as of the end of the second quarter 2024, we had incurred $2,500 in transactional fees resulting from the potential divestiture of the Advanced Rehabilitation Business.

The Company evaluated the Advanced Rehabilitation Business for impairment due to its potential divestiture and, as a result of this evaluation, recorded a $31,870 impairment under the U.S. reporting segment within the consolidated condensed statements of operations and comprehensive loss during the three and six months ended June 29, 2024 to reduce the intangible assets of the Advanced Rehabilitation Business to reflect their respective fair values less any costs to sell. The fair value of its intangibles was based on the consideration offered for the Advanced Rehabilitation Business.

Reclassification

We reclassified revenue and expense of the SonicOne Ultrasonic Cleansing and Debridement Systems (“SonicOne”) from the Restorative Therapies to the Surgical Solutions business in the first quarter of 2024. SonicOne’s capabilities to remove devitalized or necrotic tissue and fiber deposits more closely aligns with Surgical Solutions’ soft tissue management. SonicOne revenue reclassified for the three and six months ended July 1, 2023 totaled $1.8 million and $3.5 million, respectively, for the U.S. reporting segment and $0.1 million in both periods for the International reporting segment.

OSTEOAMP®

OSTEOAMP Cannula, a customized delivery system for our OSTEOAMP® Flowable product, received FDA clearance in June 2024. OSTEOAMP® is an allograft-derived bone graft with growth factors used for reconstructive bone grafting procedures. The Cannula delivery system will assist the use of OSTEOAMP® Flowable, the fastest growing product in our portfolio, in minimally invasive surgical procedures as well as open procedures. FDA clearance will also allow us to bring the product to market in the US, starting with a limited launch planned in the fourth quarter of 2024.

EU MDR

The European Union (“EU”) Medical Devices Regulation (“MDR”), which became effective in May 2021, was adopted with the aim of ensuring better protection of public health and patient safety. Among other things, the EU MDR imposed changes to clinical evidence for medical devices, post-market clinical follow-up evidence, annual reporting of safety information for Class III products, and bi-annual reporting for Class II products, Unique Device Identification (“UDI”) for all products, submission of core data elements to a European UDI database prior to placement of a device on the market, reclassification of medical devices, and multiple labeling changes. We were able to continue marketing our currently certified products in the EU after the effective date of EU MDR until the associated certifications expire. In April 2024, we received EU Certification for our Exogen Bone Stimulation System, which will allow us to market it throughout the EU. The certificate is valid for 5 years.

Wound Business

On May 22, 2023, we closed the sale of certain assets within our Wound Business, including the TheraSkin and TheraGenesis products (collectively, the “Wound Business”), for potential consideration of $84.7 million, including $34.7 million at closing, $5.0 million deferred for 18 months and up to $45.0 million in potential earn-out payments, which are based on the achievement of certain revenue thresholds by the purchaser of the Wound Business for sales of the TheraSkin and TheraGenesis products during the 2024, 2025, and 2026 fiscal years. We incurred $3.9 million in transactional fees resulting from the sale of the Wound Business and used the proceeds from the sale of the Wound Business to prepay $30.0 million of long-term debt obligations.

We evaluated the Wound Business for impairment prior to its sale and recorded a $78.6 million impairment within the consolidated statements of operations and comprehensive loss during the six months ended July 1, 2023 as a result of this evaluation to reduce the intangible assets of the Wound Business to reflect their respective fair values, less any costs to sell. The fair values of its intangibles were determined based on the consideration received for the Wound Business.

Amended 2019 Credit Agreement

On January 18, 2024, we further amended the 2019 Credit Agreement in order to modify certain financial covenants under the 2019 Credit Agreement. Refer to *Part I. Item 1. Financial Information—Notes to the consolidated condensed financial statements—Note 4. Financial instruments* for further information regarding the January 2024 amendment.

Consolidated Appropriations Act

In July 2022, in connection with the Consolidated Appropriations Act, 2021 (“CAA”), the Centers for Medicare and Medicaid Services (“CMS”) began utilizing new pricing information the Company reported to it pursuant to the newly adopted reporting obligations to adjust the Medicare payment to healthcare providers using our Durolane and Gelsyn-3 products.

Results of Operations

For a description of the components of our results of operations, refer to *Part II. Item 7. Management’s Discussion and Analysis of Financial Condition and Results of Operations* in our 2023 10-K.

The following table sets forth components of our consolidated condensed statements of operations as a percentage of net sales for the periods presented:

	Three Months Ended		Six Months Ended	
	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
Net sales	100.0 %	100.0 %	100.0 %	100.0 %
Cost of sales (including depreciation and amortization)	31.5 %	35.0 %	31.6 %	36.3 %
Gross profit	68.5 %	65.0 %	68.4 %	63.7 %
Selling, general and administrative expense	62.7 %	54.6 %	61.7 %	60.8 %
Research and development expense	2.6 %	2.4 %	2.3 %	2.8 %
Restructuring costs	— %	0.5 %	— %	0.4 %
Change in fair value of contingent consideration	0.2 %	0.2 %	0.2 %	0.2 %
Depreciation and amortization	1.3 %	1.7 %	1.4 %	1.7 %
Impairment of assets	21.1 %	— %	11.4 %	30.7 %
Loss on disposal of a business	— %	0.7 %	— %	0.4 %
Operating (loss) income	(19.4 %)	4.9 %	(8.6 %)	(33.3 %)

The following table presents a reconciliation of net loss to Adjusted EBITDA for the periods presented:

	Three Months Ended		Six Months Ended	
(in thousands)	June 29, 2024	July 1, 2023	June 29, 2024	July 1, 2023
Net loss from continuing operations	**$ (32,112)**	**$ (4,731)**	**$ (38,094)**	**$ (104,749)**
Interest expense, net	9,924	10,587	20,263	20,281
Income tax expense (benefit), net	(7,339)	381	(6,432)	235
Depreciation and amortization[(a)]	13,090	14,600	24,875	31,073
Acquisition and related costs[(b)]	300	1,448	511	2,623
Shareholder litigation costs[(c)]	12,502	—	13,670	—
Restructuring and succession charges[(d)]	(40)	620	13	937
Equity compensation[(e)]	3,672	(2,732)	6,263	(886)
Financial restructuring costs[(f)]	(5)	1,257	347	6,587
Impairment of assets[(g)]	31,870	—	31,870	78,615
Loss on disposal of a business[(h)]	—	977	—	977
Other items[(i)]	2,590	5,751	3,789	9,416
Adjusted EBITDA	**$ 34,452**	**$ 28,158**	**$ 57,075**	**$ 45,109**

(a) Includes for the three months ended June 29, 2024 and July 1, 2023 and the six months ended June 29, 2024 and July 1, 2023, respectively, depreciation and amortization of $11,021, $12,301, $21,046 and $26,640 in cost of sales and $2,069, $2,299, $3,829 and $4,433 in operating expenses presented in the consolidated statements of operations and comprehensive loss.

(b) Includes acquisition and integration costs related to completed acquisitions and changes in fair value of contingent consideration.

(c) Costs incurred as a result of certain shareholder litigation unrelated to our ongoing operations.

(d) Costs incurred were the result of adopting restructuring plans to reduce headcount, reorganize management structure, and consolidate certain facilities.

(e) Includes compensation expense resulting from awards granted under our equity-based compensation plans. The three and six months ended July 1, 2023 includes the reversal of equity compensation expenses totaling $3,803 related to the transition of our executive leadership.

(f) Financial restructuring costs include advisory fees and debt amendment related costs.

(g) Represents a non-cash impairment charge for intangible assets solely attributable to our Advanced Rehabilitation Business in 2024 due to our decision to divest the business. Activity in 2023 relates to the non-cash impairment charge attributable to our divested Wound Business.

(h) Represents the loss on disposal of the Wound Business.

(i) Other items primarily includes charges associated with strategic transactions, such as potential acquisitions or divestitures and a transformative project to redesign systems and information processing. We incurred $0.3 million and $1.2 million in costs, respectively, during the three and six months ended July 1, 2023 related to MOTYS. Other items for the three and six months ended July 1, 2023 also includes severance costs totaling $2.3 million related to the transition of our executive leadership.

Non-GAAP Financial Measures - Adjusted EBITDA

We present Adjusted EBITDA, a non-GAAP financial measure, because we believe it is a useful indicator that management uses as a measure of operating performance as well as for planning purposes, including the preparation of our annual operating budget and financial projections. We believe that Adjusted EBITDA is useful to our investors because it is frequently used by securities analysts, investors and other interested parties in their evaluation of the operating performance of companies in industries similar to ours. We define Adjusted EBITDA as net loss from continuing operations before depreciation and amortization, provision of income taxes and interest expense, net, adjusted for the impact of certain cash, non-cash and other items that we do not consider in our evaluation of ongoing operating performance. These items include acquisition and related costs, certain shareholder litigation costs, impairments of assets, restructuring and succession charges, equity compensation expense, financial restructuring costs and other items. Adjusted EBITDA by segment is comprised of net sales and costs directly attributable to a segment, as well as an allocation of corporate overhead costs primarily based on a ratio of net sales by segment to total consolidated net sales.

Non-GAAP financial measures have limitations as an analytical tool and should not be considered in isolation or as a substitute for, or superior to, the financial information prepared and presented in accordance with U.S. GAAP. These measures might exclude certain normal recurring expenses. Therefore, these measures might not provide a complete understanding of the Company's performance and should be reviewed in conjunction with the U.S. GAAP financial measures. Additionally, other companies might define their non-GAAP financial measures differently than we do. Investors are encouraged to review the reconciliation of the non-GAAP measure provided in this Quarterly Report on Form 10-Q, including all tables referencing Adjusted EBITDA to its most directly comparable U.S. GAAP measure.

Net Sales

	Three Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
U.S.				
Pain Treatments	$ 65,194	$ 55,617	$ 9,577	17.2 %
Restorative Therapies	27,435	30,012	(2,577)	(8.6 %)
Surgical Solutions	41,780	35,218	6,562	18.6 %
Total U.S. net sales	134,409	120,847	13,562	11.2 %
International				
Pain Treatments	7,066	6,024	1,042	17.3 %
Restorative Therapies	4,185	4,690	(505)	(10.8 %)
Surgical Solutions	5,557	5,508	49	0.9 %
Total International net sales	16,808	16,222	586	3.6 %
Total net sales	$ 151,217	$ 137,069	$ 14,148	10.3 %

U.S.

Net sales increased $13.6 million, or 11.2%, compared to three months ended July 1, 2023. Changes by business were: (i) Pain Treatments—$9.6 million increase due to volume; (ii) Restorative Therapies—$2.6 million decrease due to the divestiture of our Wound Business, partially offset with a volume increase for our Exogen Bone Stimulation System; and (iii) Surgical Solutions—$6.6 million increase due to volume growth.

International

Net sales increased compared with the prior year comparable period. The net sales in Pain Treatments increased $1.0 million due to volume growth, partially offset by a decrease of $0.5 million in Restorative Therapies due to less volume.

(in thousands, except for percentage)	Six Months Ended June 29, 2024	Six Months Ended July 1, 2023	Change $	Change %
U.S.				
Pain Treatments	$ 115,831	$ 96,612	$ 19,219	19.9 %
Restorative Therapies	52,739	60,788	(8,049)	(13.2 %)
Surgical Solutions	80,120	67,425	12,695	18.8 %
Total U.S. net sales	248,690	224,825	23,865	10.6 %
International				
Pain Treatments	13,118	11,355	1,763	15.5 %
Restorative Therapies	9,355	10,239	(884)	(8.6 %)
Surgical Solutions	9,511	9,709	(198)	(2.0 %)
Total International net sales	31,984	31,303	681	2.2 %
Total net sales	$ 280,674	$ 256,128	$ 24,546	9.6 %

U.S.

Net sales increased $23.9 million, or 10.6%, compared to the prior year period. Changes by business were: (i) Pain Treatments—$19.2 million increase due to volume; (ii) Restorative Therapies—$8.0 million decrease due to the divestiture of our Wound Business and larger volumes in 2023 related to our Vector rehabilitation product, partially offset with an Exogen Bone Stimulation System volume increase; and (iii) Surgical Solutions—$12.7 million increase due to volume growth.

International

Net sales increased compared with the prior year comparable period. There was an increase in Pain Treatments of $1.8 million net sales due to volume growth, partially offset with decrease of $0.9 million in Restorative Therapies due to less volume.

Gross profit and gross margin

(in thousands, except for percentage)	Three Months Ended June 29, 2024	Three Months Ended July 1, 2023	Change $	Change %
U.S.	$ 94,233	$ 79,549	$ 14,684	18.5 %
International	9,406	9,574	(168)	(1.8 %)
Total	$ 103,639	$ 89,123	$ 14,516	16.3 %

	Three Months Ended June 29, 2024	Three Months Ended July 1, 2023	Change
U.S.	70.1 %	65.8 %	4.3 %
International	56.0 %	59.0 %	(3.1 %)
Total	68.5 %	65.0 %	3.5 %

U.S.

Gross profit increased $14.7 million, or 18.5%, primarily due to volume growth in Pain Treatments, Surgical Solutions and our Exogen Bone Stimulation System, partially offset by the Wound Business divestiture. Gross margin increased due to product mix.

International

Gross profit decreased $0.2 million, or 1.8%, primarily due to a decline in Restorative Therapies and product mix, partially offset with growth in Pain Treatments.

(in thousands, except for percentage)	Six Months Ended June 29, 2024	Six Months Ended July 1, 2023	Change $	Change %
U.S.	$ 173,601	$ 145,055	$ 28,546	19.7 %
International	18,418	17,987	431	2.4 %
Total	$ 192,019	$ 163,042	$ 28,977	17.8 %

	Six Months Ended		
	June 29, 2024	July 1, 2023	Change
U.S.	69.8 %	64.5 %	5.3 %
International	57.6 %	57.5 %	0.1 %
Total	68.4 %	63.7 %	4.8 %

U.S.

Gross profit increased $28.5 million, or 19.7%, primarily due to volume growth in Pain Treatments, Surgical Solutions and our Exogen Bone Stimulation System, partially offset by the Wound Business divestiture. Gross margin increased due to product mix.

International

Gross profit increased $0.4 million, or 2.4%, primarily due to volume growth in Pain Treatments, partially offset with a volume decrease for Restorative Therapies. Gross margin remained consistent with the prior year comparable period.

Selling, general and administrative expense

	Three Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Selling, general and administrative expense	$ 94,785	$ 74,844	$ 19,941	73.4 %

Selling, general and administrative expenses increased $19.9 million, or 73.4%, primarily due to increases in (i) accounting and legal costs of $10.7 million, primarily related to the settlement of shareholder litigation; (ii) equity-based compensation of $6.2 million; and (iii) compensation related costs of $2.9 million.

	Six Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Selling, general and administrative expense	$ 173,191	$ 155,702	$ 17,489	11.2 %

Selling, general and administrative expenses increased $17.5 million, or 11.2%, due to increases in: (i) accounting and legal costs of $10.8 million, primarily related to the settlement of shareholder litigation; (ii) equity-based compensation of $7.6 million; and (iii) compensation-related costs of $7.1 million. These increases were partially offset with a decline in consulting expenses of $8.6 million.

Research and development expense

	Three Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Research and development expense	$ 3,988	$ 3,398	$ 590	17.4 %

Research and development increased by $0.6 million, or 17.4%, primarily due to increases in compensation related costs.

	Six Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Research and development expense	$ 6,585	$ 7,169	$ (584)	(8.1 %)

Research and development expense decreased by $0.6 million, or 8.1%, primarily due to a decrease in consulting costs.

Restructuring costs

	Three Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Restructuring costs	$ —	$ 620	$ (620)	(100.0 %)

	Six Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Restructuring costs	$ —	$ 937	$ (937)	(100.0 %)

Restructuring activity related to our previously announced restructuring plans were completed in 2023. Costs incurred during the three and six months ended July 1, 2023 are primarily the result of an initiative to align the Company's organizational and management cost structure to improve profitability and cash flow through headcount reduction and cutting third-party related costs.

Change in fair value of contingent consideration

	Three Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Change in fair value of contingent consideration	$ 300	$ 240	$ 60	25.0 %

	Six Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Change in fair value of contingent consideration	$ 595	$ 527	$ 68	12.9 %

The fair value of contingent consideration during the three and six months ended June 29, 2024 remained consistent with the prior year comparable period. The activity for both periods relates to contingent consideration associated with the acquisition of Bioness in March 2021.

Depreciation and amortization

	Three Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Depreciation and amortization	$ 2,064	$ 2,294	$ (230)	(10.0 %)

	Six Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Depreciation and amortization	$ 3,819	$ 4,423	$ (604)	(13.7 %)

Depreciation and amortization decreased during the three and six months ended June 29, 2024 compared with the prior year comparable period. The decrease was primarily the result of the impairment of intellectual property intangible assets associated with the Wound Business, which was divested during the second quarter of 2023.

Impairment of assets

	Three Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Impairment of assets	$ 31,870	$ —	$ 31,870	NM
(NM = Not Meaningful)				

	Six Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Impairment of assets	$ 31,870	$ 78,615	$ (46,745)	(59.5 %)

Our decision to potentially divest the Advanced Rehabilitation Business in 2024 and divest the Wound Business in 2023 required us to evaluate whether certain of their assets were impaired. We recorded a $31.9 million non-cash impairment charge as a result of the evaluation of the Advanced Rehabilitation Business during the three and six months ended June 29, 2024 and a $78.6 million non-cash impairment charge related to the Wound Business during the six months ended July 1, 2023 as a result of their respective evaluations to reduce the intangible assets to their fair values less costs to sell. The fair value of intangibles for the Advanced Rehabilitation and Wound Businesses were determined based on the consideration offered.

Loss on disposals

The loss on disposals during the three and six months ended July 1, 2023 resulted from working capital adjustments associated with the sale of our Wound Business.

Other expense (income)

(in thousands, except for percentage)	Three Months Ended June 29, 2024	Three Months Ended July 1, 2023	Change $	Change %
Interest expense, net	$ 9,924	$ 10,587	$ (663)	(6.3 %)
Other expense	$ 159	$ 513	$ (354)	(69.0 %)

Interest expense, net decreased slightly during the three months ended June 29, 2024 compared to the prior year comparable period primarily due to less debt outstanding. Other expense decreased due to reserving miscellaneous assets in 2023, mostly offset with changes in foreign currency.

(in thousands, except for percentage)	Six Months Ended June 29, 2024	Six Months Ended July 1, 2023	Change $	Change %
Interest expense, net	$ 20,263	$ 20,281	$ (18)	(0.1 %)
Other expense (income)	$ 222	$ (1,075)	$ 1,297	(120.7 %)

Interest expense, net remained consistent with the prior year comparable period. Other expense (income) decreased $1.3 million due to the 2023 receipt of $1.5 million from the settlement of a legal claim.

Income tax (benefit) expense, net

(in thousands, except for percentage)	Three Months Ended June 29, 2024	Three Months Ended July 1, 2023	Change $	Change %
Income tax (benefit) expense, net	$ (7,339)	$ 381	$ (7,720)	NM
Effective tax rate	18.6 %	8.8 %		9.8 %

(NM = Not Meaningful)

(in thousands, except for percentage)	Six Months Ended June 29, 2024	Six Months Ended July 1, 2023	Change $	Change %
Income tax (benefit) expense, net	$ (6,432)	$ 235	$ (6,667)	NM
Effective tax rate	14.4 %	0.2 %		14.2 %

Income tax expense was incurred for the three and six months ended June 29, 2024 compared to a benefit in the prior year comparable period primarily due to losses in certain entities.

Noncontrolling interest

Subsequent to the IPO and related transactions, we are the sole managing member of BV LLC in which we owned 80.5% and 79.9% at June 29, 2024 and December 31 2023, respectively. We have a majority economic interest, the sole voting interest in, and control the management of BV LLC. As a result, we consolidate the financial results of BV LLC and report a noncontrolling interest representing the 19.5% that is owned by the Continuing LLC Owner. Noncontrolling interest activity during the three and six months ended June 29, 2024 was the result of losses recorded.

Segment Adjusted EBITDA

(in thousands, except for percentage)	Three Months Ended June 29, 2024	Three Months Ended July 1, 2023	Change $	Change %
U.S.	$ 31,590	$ 24,712	$ 6,878	27.8 %
International	$ 2,862	$ 3,446	$ (584)	(16.9)%

U.S.

Adjusted EBITDA increased $6.9 million, or 27.8%, due to higher gross profit, partially offset with an increase in compensation costs.

International

Adjusted EBITDA decreased $0.6 million or 16.9%, primarily due to a decrease in gross profit and an increase in compensation costs.

(in thousands, except for percentage)	Six Months Ended		Change	
	June 29, 2024	July 1, 2023	$	%
U.S.	$ 51,346	$ 39,424	$ 11,922	30.2 %
International	$ 5,729	$ 5,685	$ 44	0.8 %

U.S.

Adjusted EBITDA increased $11.9 million, or 30.2%, primarily due higher gross profit, partially offset with an increase in compensation costs and other administrative expenses.

International

Adjusted EBITDA remained consistent with the prior year comparable period.

Liquidity and Capital Resources

Sources of liquidity

Our principal liquidity needs have historically been for acquisitions, working capital, research and development, clinical trials, and capital expenditures. We expect these needs to continue as we carry out our operations, develop and commercialize our existing product candidates and any new products candidates and possibly further our expansion into international markets.

We began contract negotiations with a third-party to sell certain products within our advanced rehabilitation business, including the L100, L300 Go, L360, H200, Vector Gait & Safety System and BITS-Bioness Integrated Therapy System (collectively, the "Advanced Rehabilitation Business"). The potential divestiture of the Advanced Rehabilitation Business is expected to simplify our business structure and improve liquidity, as the proceeds, net of transactional fees, are required to be used to reduce long-term debt obligations.

As previously discussed, on May 22, 2023, we closed the sale of our Wound Business for consideration of $84.7 million, including $34.7 million at closing, $5.0 million deferred for 18 months and up to $45.0 million in potential earn-out payments. The proceeds were used to prepay $30.0 million of long-term debt principal obligations during the second quarter of 2023.

We anticipate that to the extent that we require additional liquidity, we will obtain funding through additional equity financings or the incurrence of other indebtedness or a combination of these potential sources of liquidity. We may explore additional divestiture opportunities for non-core assets to improve our liquidity position, as we did with the Wound Business. In addition, we may raise additional funds to finance future cash needs through receivables or royalty financings or corporate collaboration and licensing arrangements. If we raise additional funds by issuing equity securities or convertible debt, our stockholders will experience dilution. The covenants under the Amended 2019 Credit Agreement limit our ability to obtain additional debt financing. Debt financing, if allowed under the Amended 2019 Credit Agreement and if available, would result in increased payment obligations and might involve agreements that include covenants limiting or restricting our ability to take specific actions, such as incurring additional debt, or making capital expenditures. If we raise additional funds through collaboration and licensing arrangements with third-parties, it might be necessary to relinquish valuable rights to our products, future revenue streams or product candidates, or to grant licenses on terms that might not be favorable to us. We cannot be certain that additional funding will be available on acceptable terms, or at all.

Any failure to raise capital in the future might have a negative impact on our financial condition and our ability to pursue our business strategies. Considering recent market conditions and our business assumptions, we have reevaluated our operating cash flows and cash requirements and believe that current cash, cash equivalents, future cash flows from operating activities and cash available under our 2019 Credit Facility will be sufficient to meet our anticipated cash needs, including working capital needs, capital expenditures and contractual obligations for at least 12 months from the issuance date of the unaudited consolidated condensed financial statements included herein.

Cash Requirements

There have been no material changes to our future cash requirements as disclosed in *Part II. Item 7* of our 2023 10-K.

We enter into contracts in the normal course of business with various third parties for development, collaboration and other services for operating purposes. These contracts generally provide for termination upon notice. Payments due upon cancellation generally consist only of payments for services provided or expenses incurred, including non-cancellable obligations of our service providers, up to the date of cancellation. Certain agreements include contingent events that upon occurrence would require payment. For information regarding commitments and contingencies, refer to *Item 1. Financial Information—Notes to the unaudited consolidated condensed financial statements—Note 11. Commitments and contingencies*.

Tax Receivable Agreement

The BV LLC Agreement provides for the payment of certain distributions to the Continuing LLC Owner in amounts sufficient to cover the income taxes imposed with respect to the allocation of taxable income from BV LLC as well as obligations within the tax receivable agreement ("TRA") with the Continuing LLC Owner. Under the TRA, we are required to make cash payments to the Continuing LLC Owner equal to 85% of the tax benefits, if any, that we actually realize (or in certain circumstances are deemed to realize), as a result of (1) increases in the tax basis of assets of BV LLC resulting from (a) any future redemptions or exchanges of LLC Interests, and (b) certain distributions (or deemed distributions) by BV LLC and (2) certain other tax benefits arising from payments under the TRA. We expect the amount of the cash payments required to be made under the TRA will be significant. The actual amount and timing of any payments under the TRA will vary depending upon a number of factors, including the timing of redemptions or exchanges by the Continuing LLC Owner, the amount of gain recognized by the Continuing LLC Owner, the amount and timing of the taxable income we generate in the future, and the federal tax rates then applicable. Any payments made by us to the Continuing LLC Owner under the TRA will generally reduce the amount of overall cash flow that might have otherwise been available to us. To the extent that we are unable to make payments under the TRA for any reason, such payments generally will be deferred and will accrue interest until paid; provided, however, that nonpayment for a specified period may constitute a material breach of a material obligation under the TRA and therefore accelerate payments due under the TRA.

Indebtedness

On January 18, 2024 (the "Closing Date"), the Company entered into the Amended 2019 Credit Agreement. The Amended 2019 Credit Agreement, contains customary affirmative and negative covenants, including those related to financial reporting and notification, restrictions on the declaration or payment of certain distributions on or in respect of our equity interests, restrictions on acquisitions, investments and certain other payments, limitations on the incurrence of new indebtedness, limitations on transfers, sales and other dispositions of our assets, as well as limitations on making changes to the business and organizational documents. Financial covenant requirements include a maximum debt leverage ratio and an interest coverage ratio. In addition, during the period commencing on the Closing Date and ending upon the satisfaction of certain conditions occurring not prior to the delivery of our financial statements for the fiscal quarter ending October 29, 2025, we will be subject to certain additional requirements and covenants, including a requirement to maintain Liquidity (as defined in the Amended 2019 Credit Agreement) of not less than $10.0 million as of the end of each calendar month during such period. The Term Loan Facilities will mature on October 29, 2026. The Revolver will mature on October 29, 2025. We were in compliance with the financial covenants as stated with the Amended 2019 Credit Agreement as of June 29, 2024.

We have an outstanding Revolver balance of $15.0 million as of March 30, 2024, which was borrowed and used for working capital needs during the third quarter of 2023.

Refer to *Item 1. Financial Information—Notes unaudited consolidated condensed financial statements—Note 1. Organization* for further details on the Company's covenant compliance and *Note 4. Financial instruments* for further details on the Company's indebtedness.

Other

For information regarding Commitments and Contingencies, refer to *Item 1. Financial Information—Notes to the unaudited consolidated condensed financial statements—Note 11. Commitments and contingencies* and *—Note 3. Acquisitions and divestitures* of this Quarterly Report on Form 10-Q.

Information regarding cash flows

Cash, cash equivalents and restricted cash as of June 29, 2024 totaled $32.0 million, compared to $37.0 million as of December 31, 2023. The decrease in cash was primarily due to the following:

	Six Months Ended		Change	
(in thousands, except for percentage)	June 29, 2024	July 1, 2023	$	%
Cash flows from continuing operations:				
Net cash from operating activities	$ 9,157	$ 15,454	$ (6,297)	(40.7 %)
Net cash from investing activities	(1,077)	29,940	(31,017)	(103.6 %)
Net cash from financing activities	(12,087)	(34,868)	22,781	(65.3 %)
Net cash from discontinued operations	—	(13,675)	13,675	(100.0 %)
Effect of exchange rate changes on cash	(963)	701	(1,664)	(237.4 %)
Net change in cash, cash equivalents and restricted cash	$ (4,970)	$ (2,448)	$ (2,522)	103.0 %

Operating Activities

Net cash from operating activities from continuing operations decreased $6.3 million, due to: (i) increases in employee compensation as we annually pay bonuses and raise wages during the first quarter and no bonuses were paid during the first quarter of 2023; (ii) a rise in interest payments due to higher interest rates; and (iii) an increase in inventory purchases. These operating cash outflows were partially offset with an increase in cash collections from the growth in sales and timing of payments on accounts payable.

Investing Activities

Net cash from investing activities from continuing operations decreased $31.0 million, due to the $34.9 million receipt of cash resulting from the sale of our Wound Business in 2023 and a $0.7 million purchase of distribution rights for one of our HA products in 2024. These were partially offset with a $4.6 million decrease in capital expenditures, primarily within information technology.

Financing Activities

Cash flows from financing activities increased $22.8 million, primarily due to $29.4 million less in principal and deferred financing payments during 2024, partially offset with $7.0 million in net borrowings on our Revolver during 2023.

Discontinued Operations

Net cash flows from discontinued operations in 2023 were primarily the result of $10.2 million in fees used to settle the CartiHeal disposition and $1.4 million in cash held by the CartiHeal entity at the time of disposal.

Off-balance Sheet Arrangements

We do not have any off-balance sheet arrangements.

Contractual Obligations

There have been no material changes to our contractual obligations as disclosed in our 2023 10-K.

Critical Accounting Estimates

Our discussion of operating results is based upon the unaudited consolidated condensed financial statements and accompanying notes, which have been prepared in accordance with U.S. GAAP. The preparation of these statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amount of revenues and expenses during the reporting period. Our estimates are based on our historical experience and on various other assumptions that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Changes in the facts or circumstances underlying these estimates could result in material changes and actual results could differ from these estimates. In the event we dispose of assets before the end of their previously stated useful life, we may incur an impairment charge. Our critical accounting estimates are detailed in Item 7 of our 2023 10-K and we have no material changes to such disclosures.

Emerging Growth Company and Smaller Reporting Company Status

The Company is an “emerging growth company,” pursuant to the provisions of the Jumpstart Our Business Startups Act (the “JOBS ACT”). An emerging growth company can delay its adoption of certain accounting standards until those standards would otherwise apply to private companies. The Company has chosen to “opt out” of such extended transition periods, and as a result, the Company plans to comply with any new or revised accounting standards on the relevant dates on which non-emerging growth companies must adopt such standards. Section 107 of the JOBS Act provides that the decision to opt out of the extended transition period for complying with new or revised accounting standards is irrevocable.

The Company is also considered a “smaller reporting company,” as defined by Rule 12b-2 of the Securities Exchange Act of 1934 (the “Exchange Act”), which was determined as of the last day of the Company’s second fiscal quarter of 2023. The Company will continue to be categorized as a smaller reporting company-accelerated filer until the Company’s public float reaches a certain threshold. The Company may rely on exemptions from certain disclosure requirements that are available to smaller reporting companies.

Item 3. Quantitative and Qualitative Disclosures about Market Risk.

There have been no material changes to our market risks as disclosed in our 2023 10-K.

Item 4. Controls and Procedures.

Limitations on Effectiveness of Controls and Procedures

In designing and evaluating our disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives. In addition, the design of disclosure controls and procedures must reflect that there are resource constraints and that management is required to apply judgment in evaluating the benefits of possible controls and procedures relative to their costs.

Evaluation of Disclosure Controls and Procedures

Our management, including our President and Chief Executive Officer and Chief Financial Officer, conducted an evaluation of the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(e) or 15d-15(e) promulgated under the Exchange Act) as of June 29, 2024 (the end of the period covered by this Quarterly Report on Form 10-Q). Based upon that evaluation, our President and Chief Executive Officer and Chief Financial Officer concluded that, as of June 29, 2024, our disclosure controls and procedures are designed at a reasonable assurance level and are effective to provide reasonable assurance that information required to be disclosed in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our President and Chief Executive Officer and our Chief Financial Officer as appropriate, to allow timely decisions regarding required disclosure.

Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting that occurred during the second quarter of 2024 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings.

Bioventus shareholder litigation

On January 12, 2023, the Company and certain of its current and former directors and officers were named as defendants in a putative class action lawsuit filed in the Middle District of North Carolina (the "Court"), Ciarciello v. Bioventus, Inc., No. 1:23– CV – 00032-CCE-JEP (M.D.N.C. 2023). The complaint asserted violations of Sections 10(b) and 20(a) of the Exchange Act and of Sections 11 and 15 of the Securities Act and generally alleges that the Company failed to disclose certain information regarding rebate practices, its business and financial prospects, and the sufficiency of internal controls regarding financial reporting. The complaint seeks damages in an unspecified amount. On April 12, 2023, the Court appointed Wayne County Employees' Retirement System as lead plaintiff. The plaintiff's amended consolidated complaint was filed with the Court on June 12, 2023. On July 17, 2023, the defendants filed a motion to dismiss the complaint raising a number of legal and factual deficiencies with the amended consolidated complaint. In response to the defendants' motion to dismiss, the lead plaintiff filed a second amended complaint on July 31, 2023. The defendants moved to dismiss the second amended complaint on August 21, 2023, which the Court granted in part and denied in part on November 6, 2023. The Court dismissed the plaintiff's Securities Act claims, but allowed the plaintiff's Exchange Act claims to proceed into discovery.

On July 15, 2024, a Stipulation and Agreement of Settlement (the "Settlement Agreement") by and between the lead plaintiff and the defendants was filed with the Court. The Settlement Agreement, which is subject to Court approval, provides among other things for (i) the dismissal of all claims against the defendants, including the Company; (ii) a settlement amount of $15.3 million, together with interest earned thereon, to be paid by the defendants and/or the defendant's insurers within 30 days after the later of (x) the date of entry by the Court of an order preliminarily approving the terms of the settlement or (y) receipt by the defendants from lead counsel of the information necessary to effectuate a transfer of the settlement funds; and (iii) no admission of liability or wrongdoing by any party. The Company incurred $12.5 million and $13.7 million of net shareholder litigation costs (including estimated settlement and reimbursement) during the three and six months ended June 29, 2024 under the Settlement Agreement, which were recorded in selling, general and administrative expense within the consolidated condensed statements of operations and comprehensive loss. The Company expects to be reimbursed approximately $6.5 million of the fees incurred to date, which was recorded in other current assets within the June 29, 2024 consolidated condensed balance sheets.

On October 4, 2023, certain of the Company's current and former directors and officers were named as defendants in a derivative shareholder lawsuit (in which the Company is a nominal defendant) filed in the United States District Court for the District of Delaware, Grogan, on behalf of Bioventus Inc., v. Reali, et.al., No. 1:23-CV-01099-RGA (D. Del. 2023). The complaint asserts violations of Section 14(a) of the Exchange Act, breaches of fiduciary duties and related state law claims, and a claim for contribution, and generally alleges the same purported misconduct as alleged in the Ciarciello case. On January 12, 2024, the Court agreed to stay this case pending resolution of the *Ciarciello* case. The Company may incur further legal costs until settlement is ultimately approved and executed by the Court.

On February 9, 2024, another plaintiff filed a derivative shareholder lawsuit against certain of the Company's current and former directors and officers (in which the Company is a nominal defendant) filed in the United States District Court for the District of Delaware, Sanderson, on behalf of Bioventus Inc., v. Reali, et.al., No. 1:24-cv-00180-RGA (D. Del. 2024). Like the *Grogan* case, this case asserts violations of Section 10(b) of the Exchange Act, breaches of fiduciary duties and related state law claims, and a claim for contribution, and generally alleges the same purported misconduct as alleged in the *Ciarciello* case. On May 1, 2024, the parties filed a stipulation to consolidate the two derivative matters and stay them on terms similar to those entered in the *Grogan* case. On May 2, 2024, the United States District Court for the District of Delaware granted the stipulation and ordered the consolidation of the *Sanderson* and *Grogan* cases (as consolidated, the "Grogan Case").

The Company believes the claims alleged in the *Grogan* Case lacks merit and intends to defend itself vigorously. The outcome of this matter is not presently determinable, and any loss is neither probable nor reasonably estimable.

Bioness stockholder litigation

On February 8, 2022, a minority shareholder of Bioness filed an action in the Delaware State Court of Chancery in connection with the Company's acquisition of Bioness, Teuza, a Fairchild Technology Venture Ltd. v. Lindon, et. al., No. 2022-0130 -SG. This action names the former Bioness directors, the Alfred E. Mann Trust ("Trust"), which was the former majority shareholder of Bioness, the trustees of the Trust and Bioventus as defendants. The complaint alleges, among other things, that the individual directors, the Trust, and the trustees breached their fiduciary duty to the plaintiff in connection with their consideration and approval of the Company's transaction. The complaint also alleges that the Company aided and abetted the other defendants in breaching their fiduciary duties to the plaintiff and that the Company breached the Merger Agreement by failing to pay the plaintiff its pro rata share of the merger consideration. The Company believes that it is indemnified under the indemnification provisions contained in the Bioness Merger Agreement for these claims. On July 20, 2022, the Company filed a motion to dismiss all claims made against it on various grounds, as did all the other named defendants in the suit. A hearing on Bioness' and other the defendant's motions was held before the Court of Chancery on January 19, 2023. On April 27, 2023, the Court issued an order which, among other things, dismissed Bioventus from the case.

Please refer to *Item 1. Financial Statements—Notes to the Consolidated Condensed Financial Statements—Note 11. Commitments and contingencies* of this Quarterly Report on Form 10-Q for additional information pertaining to legal proceedings. In addition, we are party to legal proceedings incidental to our business. While our management currently believes the ultimate outcome of these proceedings, individually and in the aggregate, will not have a material adverse effect on our consolidated financial statements, litigation is subject to inherent uncertainties. Were an unfavorable ruling to occur, there exists the possibility of a material adverse impact on our financial condition and results of operations.

Item 1A. Risk Factors.

In addition to the other information set forth in this Quarterly Report on Form 10-Q, you should carefully consider the risk factors and other cautionary statements described under the heading Risk Factors included in our 2023 10-K, which could materially affect our businesses, financial condition, or future results. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition, or future results. There have been no material changes in our risk factors from those described in our 2023 Form 10-K.

Item 2. Unregistered Sales of Equity Securities, Use of Proceeds, and Issuer Purchases of Equity Securities.

(a) None.
(b) None.
(c) None.

Item 3. Defaults Upon Senior Securities.

Not Applicable.

Item 4. Mine Safety Disclosures.

Not Applicable.

Item 5. Other Information.

None.

Item 6. Exhibits.

Exhibit No.	Description	Form	File No.	Exhibit	Filing Date	Filed / Furnished Herewith
3.1	Amended and Restated Certificate of Incorporation of Bioventus Inc.	8-K	001-37844	3.1	2/17/2021	
3.2	Form of Certificate of Amendment to Amended and Restated Certificate of Incorporation of Bioventus Inc.	8-K	001-37844	3.1	6/17/2024	
3.3	Second Amended and Restated Bylaws of Bioventus Inc.	8-K	001-37844	3.2	6/17/2024	
10.1	Amendment No. 1 to the Stockholders Agreement by and among Bioventus Inc., Bioventus LLC and the Principal Stockholders dated as of June 19, 2024	8-K	001-37844	10.1	6/21/2024	
31.1	Certification of President and Chief Executive Officer pursuant to Rules 13a-14(a)/15d-14(a) under the Securities Exchange Act of 1934, as amended					*
31.2	Certification of Chief Financial Officer pursuant to Rules 13a-14(a)/15d-14(a) under the Securities Exchange Act of 1934, as amended					*
32	Certification of President and Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002					**
101.INS	Inline XBRL Instance Document – the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document					***
101.SCH	Inline XBRL Taxonomy Extension Schema Document					***
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document					***
101.DEF	Inline XBRL Extension Definition Linkbase Document					***
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document					***
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document					***
104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)					*

* Filed herewith
** Furnished herewith
*** Submitted electronically herewith

SIGNATURE

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 duly authorized.

	BIOVENTUS INC.
August 6, 2024	/s/ Mark L. Singleton
Date	Mark L. Singleton Senior Vice President and Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)

Exhibit 31.1

CERTIFICATIONS

I, Robert E. Claypoole certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Bioventus Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and 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.

	/s/ Robert E. Claypoole
Name:	Robert E. Claypoole
Title:	President and Chief Executive Officer (Principal Executive Officer)

Date: August 6, 2024

Exhibit 31.2

CERTIFICATIONS

I, Mark L. Singleton, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Bioventus Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and 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.

/s/ Mark L. Singleton

Name: Mark L. Singleton
Title: Senior Vice President and Chief Financial Officer
(Principal Financial Officer)

Date: August 6, 2024

Exhibit 32

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

Pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, in connection with the Quarterly Report on Form 10-Q of Bioventus Inc. (the Company) for the quarter ended June 29, 2024, as filed with the Securities and Exchange Commission on the date hereof (the Report), each of Robert E. Claypoole, President and Chief Executive Officer of the Company and Mark L. Singleton, Senior Vice President and Chief Financial Officer of the Company, hereby certifies, that, to such officer's knowledge:

(1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

	/s/ Robert E. Claypoole
Name:	Robert E. Claypoole
Title:	President and Chief Executive Officer (Principal Executive Officer)
	/s/ Mark L. Singleton
Name:	Mark L. Singleton
Title:	Senior Vice President and Chief Financial Officer (Principal Financial Officer)

Date: August 6, 2024