

## Heart Test Laboratories, Inc.

Heart Test Q4 FY2023 results slightly ahead due to lower expenses. Balance Sheet strengthened, business is on track. Raising PT to \$3.70.

**Q4 FY23 slightly better than expected:** Q3 EPS came in at (0.17), versus our and consensus estimate of (0.18). Total operating expenses for the quarter came in at 1.6 million, versus our estimate of 1.8 million. FY23 EPS came in at (0.80), compared to our estimate of (0.79). No forward guidance was provided.

Adjusting estimates: Given a slightly lower run-rate of operating expenses, as well as expanded share count from equity offerings, we are adjusting our EPS estimates going forward. Our new FY24 estimate is (0.52), versus (0.91) previously and consensus of (1.04). Our new FY25 estimate is (0.56), versus (0.88) previously and consensus of (1.48). Our FY24 and FY25 revenue estimates of 0.4 million and 5.4 million are unchanged.

Registration to sell up to \$8 million of new common stock adds significantly to Heart Sciences' liquidity resources: On June 7, the company filed an S-1 to issue up to 8 million new shares, with timing still to be determined. This, combined with the previously announced 3-year equity purchase agreement with the Lincoln Park Capital Fund should provide up to \$9 million of additional equity capital, assuming the share price stays at or near current levels. Given a projected annual cash burn rate of approximately \$8 million, Heart Test has in place the financing it needs complete the De Novo resubmission for its flagship MyoVista product and enter the commercial marketing phase for the product.

**De Novo resubmission study on track:** The company continues to report progress with its validation study for De Novo resubmission, with enrollment completed and device testing underway, putting the company on track for resubmission in calendar 2023. Once the De Novo application is resubmitted, the company is likely to receive clearance to begin marketing the MyoVista, an event that should be very positive for the stock.

**Clinical deployment of flagship MyoVista ECGs underway in Denmark:** On July 27, Heart Test announced that its key product, the MyoVista will be entering clinical use for early detection of heart disease at the Naya Imaging Center in Hvidore, Denmark. We believe this highlights the real-world opportunity to save lives and reduce medical costs provided by the MyoVista.

Large opportunity in early detection of heart disease driven by proprietary AI: Heart Test continues to develop what could be the first ECG machine to provide early detection of heart disease, a very significant advancement for prevention of this number one killer and a large revenue opportunity for the company. The key to the company's ability to add early diagnosis of heart diseases to an ECG machine is the clever application of machine-learning algorithms which interpret the signals from the ECG to detect anomalies in left ventricle function. Heart Sciences has spent years developing the AI to do this, in partnership with Rutgers University, giving it an IP 'moat' against potential competitors.

**Raising price target to \$3.70:** We are raising our 12-month price target to \$3.70 from \$3.50 to reflect increasing confidence in Heart Test's progress. Our target is based on a NPV analysis, representing more than 300% upside from the current share price. We believe this valuation appropriately balances out the company's high risks with the company's high growth prospects and large upside opportunity.

#### **Company Description**

Based in Southlake, Texas, Heart Test Laboratories, Inc. is a medical devices maker developing AI-enabled ECGs to provide early detection of heart disease.

United States Healthcare

August 3, 2023

Lucas Ward (561) 427-7788 Iward@ascendiant.com

#### Stock Data

Exchange:	NasdaqCM
52-week Range:	\$0.71-6.00
Shares Outstanding (million):	10.4
Market cap (\$million):	\$9.4
EV (\$million):	\$8.7
Debt (\$million):	\$1.0
Cash (\$million):	\$1.7
Avg. Daily Trading Vol (\$ millions):	\$0.7
Float (million shares):	8.2
Short Interest (thousand shares):	87.6
Dividend, annual (yield):	NA

#### Revenues (US\$ million)

	<u>2024E</u> (Cur.)	<u>2024E</u> (Old.)	<u>2025E</u> (Cur.)	2025E <u>(Old.)</u>
Q1 Jul	0.0E		0.6E	
Q2 Oct	0.0E		1.0E	
Q3 Jan	0.1E		1.6E	
Q4 Apr	<u>0.3E</u>		<u>2.2E</u>	
Total	0.4E		5.4E	
EV/Rev	22x		1.6x	

#### Earnings per Share (pro forma)

	<u>2024E</u>	2024E	<u>2024E</u>	2024E
	<u>(Cur.)</u>	<u>(Old.)</u>	<u>(Cur.)</u>	<u>(Old.)</u>
Q1 Jul	(0.14)E	(0.21)E	(0.15)E	(0.24)E
Q2 Oct	(0.11)E	(0.23)E	(0.14)E	(0.22)E
Q3 Jan	(0.13)E	(0.24)E	(0.14)E	(0.22)E
Q4 Apr	<u>(0.13)E</u>	<u>(0.24)E</u>	<u>(0.13)E</u>	<u>(0.20)E</u>
Total	\$(0.52)E	\$(0.91)E	\$(0.56)E	\$(0.88)E
PE	NA		NA	

#### Important Disclosures

Ascendiant Capital Markets LLC seeks to do business with companies covered by its research team. Consequently, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making an investment decision.

For analyst certification and other important disclosures, refer to the Disclosure Section, located at the end of this report, beginning on page 17.

# Rating: BUY

COMPANY UPDATE

Ticker:	HSCS	
Price:	\$0.90	
Target: (frou	\$3.70 n \$3.50)	



## OVERVIEW

- Heart Test, Inc. recently (on July 19) reported its Q3 FY23 (ending April) results.
- EPS was \$(0.17), compared to our and consensus estimate of \$(0.18).
- FY23 EPS was \$(0.80), compared to our estimate of \$(0.79).
- Operating expenses came in at \$1.6 million versus our estimate of \$1.8 million. The prior quarter compare was \$1.3 million.
- There was no Q4 guidance for future periods.
- We are raising FY24 and FY25 EPS estimates to \$(0.52) and \$(0.56), from \$(0.91) and \$(0.88) due primarily to anticipated higher share count from future equity offerings.

## ADDITIONAL DETAILS

- On June 7, 2023, the company filed a registration statement to sell up to 8 million new shares, giving it ample liquidity for the next 4-6 quarters.
- In May the company announced the completion of enrollment for its pivotal validation study for De Novo resubmission.
- In its Q4 FY23 update, the company affirmed that it is still targeting FDA De Novo resubmission in calendar 2023, assuming positive results of its validation study.
- We continue to model first revenues for the MyoVista beginning in Jan FY24.
- On July 27, the company announced that its key product, the MyoVista will be entering clinical use for early detection of heart disease at the Naya Imaging Center in Hvidore, Denmark.

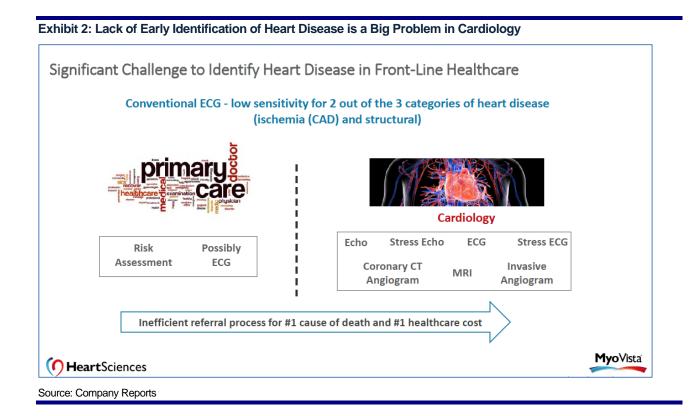
The company's balance sheet had \$1.7 million in cash and \$1 million in debt, compared with \$1.9 million in cash and \$1.1 million in debt at the end of January. On June 7, 2023, the company filed a registration statement to sell up to 8 million new shares, which would net the company \$7.2 million if sold, based on an assumed offering price of \$1.00 per share. No date has been set for the offering. This new equity funding is incremental to a purchase agreement with Lincoln Park Capital, under which the company may still sell up to 1.2 million shares. Given a projected burn rate of about \$2 million per quarter and access to over \$9 million in new equity financing, the company appears well-positioned to fund its operating activities well into calendar 2024.



## Exhibit 1: Heart Test Laboratories, Inc. Corporate Highlights



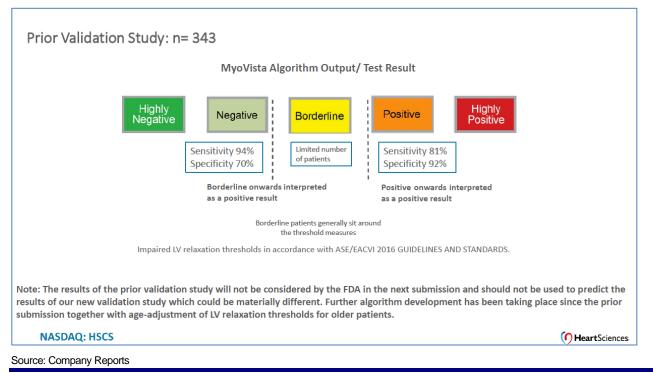
Source: Company Reports





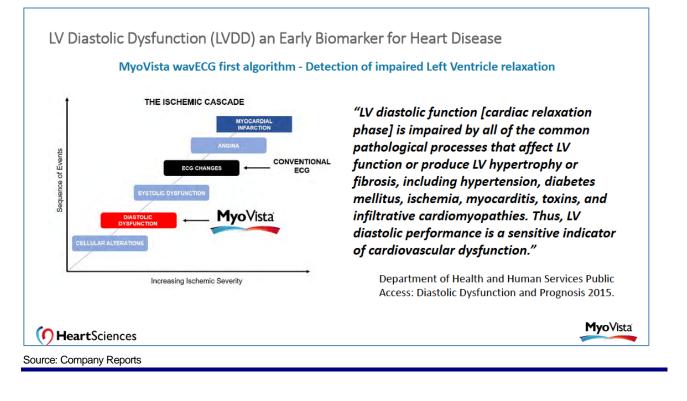
## Exhibit 3: The MyoVista is Simple to Use and Incorporates Standard and Proprietary ECG Algorithms MyoVista: Simple to Use New information on heart health plus conventional ECG information in a single test MyoVista wavECG LV Relaxation Algorithm Results Provided in indicator and statement form for LV relaxation abnormality MyoVista Energy Waveform Provided for context. Not intended for use in clinical assessment ✓ Standard 12-lead ECG protocols - no change to clinical workflow or training. Simple easy to interpret algorithm. Significantly improves risk stratification for heart 7 disease. ✓ All conventional resting 12-lead ECG information in the same test. = 0 -Ô **Conventional ECG Traces** Glasgow Analysis Interpretive analysis report of conventional trace **Myo**Vista () HeartSciences Source: Company Reports

## Exhibit 4: MyoVista Algorithm Readout

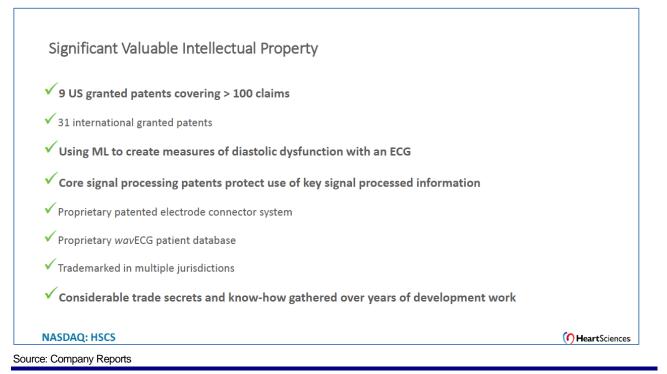




## Exhibit 5: Diastolic Dysfunction is one of the Earliest Markers of Heart Disease

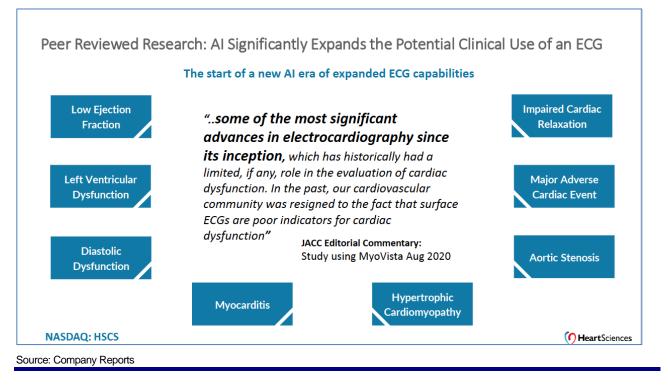


## Exhibit 6: Heart Test Laboratories, Inc. Intellectual Property Portfolio

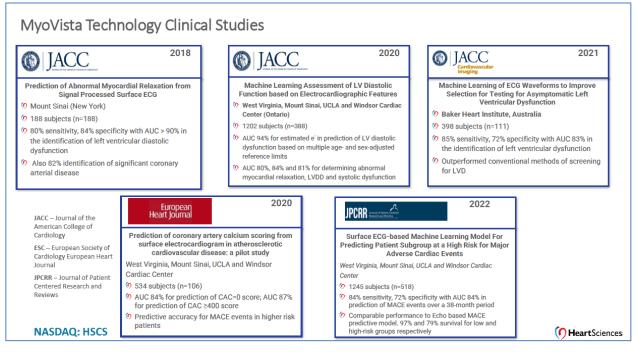




## Exhibit 7: Heart Test Laboratories, Inc. Peer Reviewed Research



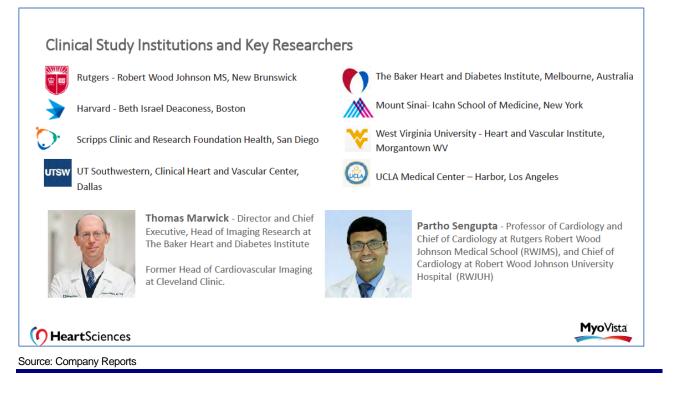
## Exhibit 8: Heart Test Laboratories, Inc. Clinical Studies







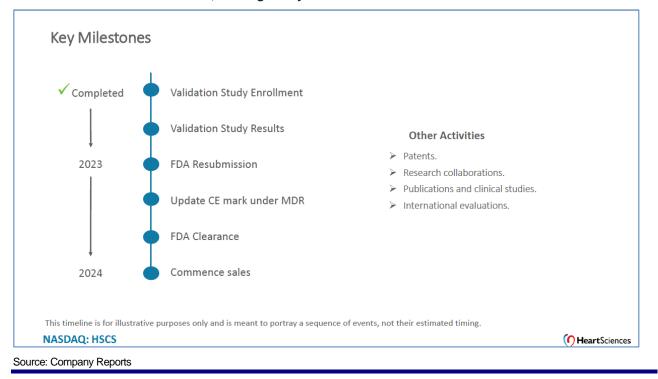
#### Exhibit 9: Heart Test Laboratories, Inc. Key Researchers and Institutions



## 



## Exhibit 11: Heart Test Laboratories, Inc. Regulatory Milestones

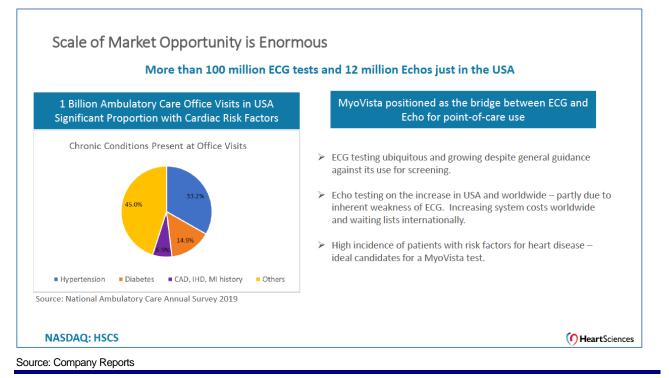


## Exhibit 12: Heart Test Laboratories, Inc. Development Pipeline

## Potential Development Pipeline Indication Proof of Published Validation for FDA Concept Research/ FDA Clearance Abstract Submission Impaired LV Relaxation (Diastolic Dysfunction) LV Dysfunction CAC/ CAD Screening TGERS Major Adverse Cardiac Event Risk Assessment **Multi-Year Collaboration for** Abnormal Echo Result new AI – ECG algorithms **Reduced Ejection Fraction** Valve Disease **NASDAQ: HSCS** () HeartSciences Source: Company Reports



## Exhibit 13: ECG Market Size

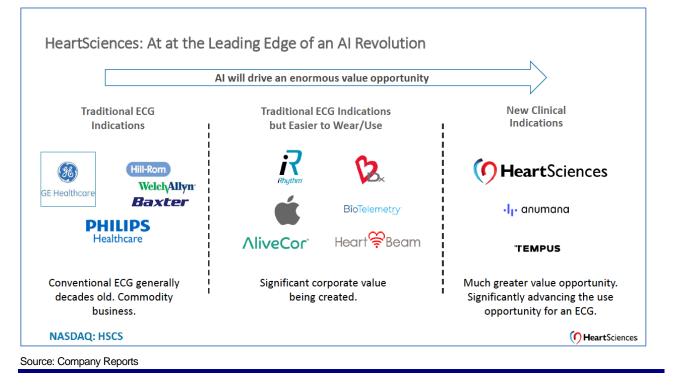


## Exhibit 14: ECG Market Opportunity

<b>LARGE GLOBAL OPPORTUNITY</b> ECG most common cardiac test & worldwide application Conventional ECG \$5+ billion market (Cap. Equipment only) Est. 500 million - 1 billion ECG tests per year (Supplies revenue)	<b>RECURRING REVENUE</b> Razor/razorblade business model Device revenue plus supplies revenue from every test
<b>DEVELOPMENT OPPORTUNITIES</b> Other algorithms/ indications for use Alternative hardware platforms	<b>LOW-COST &amp; EASY TO USE</b> Al algorithm - easy to interpret information Provides all conventional ECG information in a single test Limited training required – uses existing 12- lead resting ECG protocols



## Exhibit 15: Heart Test Laboratories, Inc. Competitive Landscape

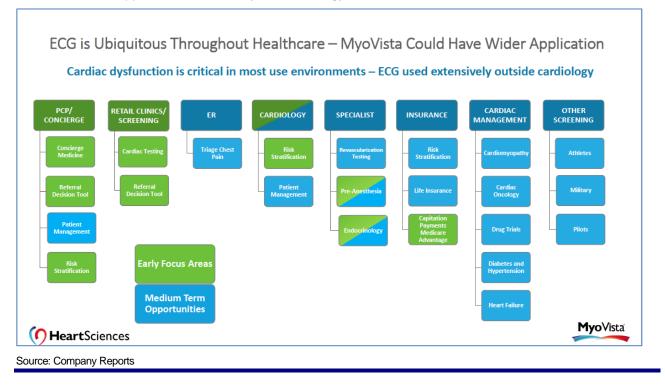


## Exhibit 16: Heart Test Laboratories, Inc. Business Model

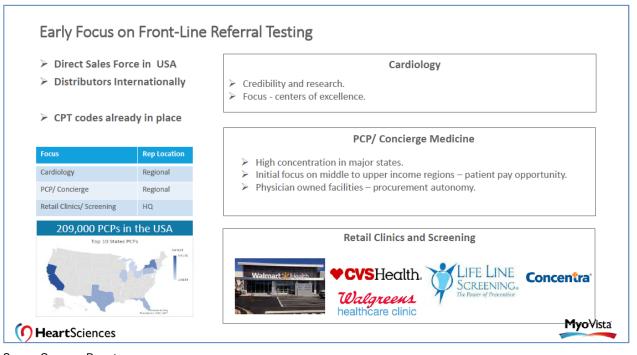
MyoVista Device	Plus	Per-Test Recurring Revenue (Electrodes)
Business model not dependent on a high price for the MyoVista device.		Patented electrode cable connection system.
<ul> <li>Full feature ECGs typically \$5k - \$10k.</li> <li>Expect to price MyoVista in or below this range.</li> </ul>	*	High quality, low impedance, stable signal capture. Combine with SaaS and pay-per-use revenue models in the future.



## Exhibit 17: ECGs Applications Extend Beyond Cardiology



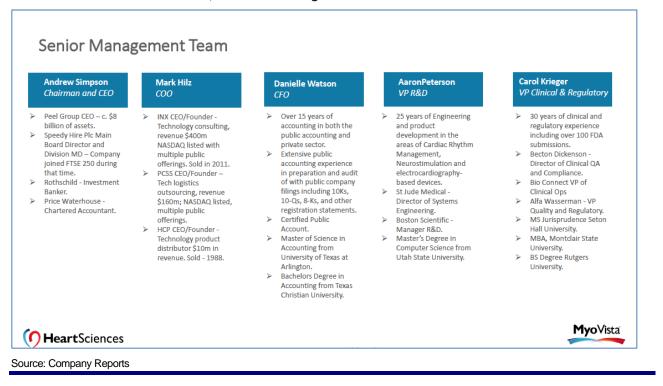
## Exhibit 18: Heart Test Laboratories, Inc. Sales and Marketing Channels



Source: Company Reports



## Exhibit 19: Heart Test Laboratories, Inc. Senior Management Team



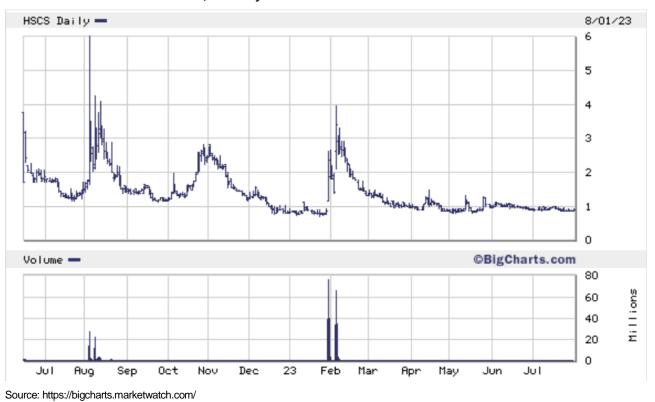
#### **Exhibit 20: HSCS Consensus Expectations**

	Revenue (\$	million)		EPS	
	FY2024E	FY2025E		FY2024E	FY2025E
Q1 Jul	\$0.00	\$0.51	Q1 Jul	\$(0.18)E	\$(0.36)E
Q2 Oct	\$0.00	\$1.07	Q2 Oct	\$(0.19)E	\$(0.35)E
Q3 Jan	\$0.11	\$1.98	Q3 Jan	\$(0.32)E	\$(0.39)E
Q4 Apr	\$0.28	\$3.01	Q4 Apr	\$(0.36)E	\$(0.38)E
Total	\$0.39	\$6.58	Total	\$(1.04)E	\$(1.48)E

\*Quarterly estimates may not add to annual estimates due to variations in contributing estimates and rounding.

Source: Company reports, SeekingAlpha.com, Yahoo Finance, Ascendiant Capital Markets estimates





## Exhibit 21: Heart Test Laboratories, Inc. Daily Stock Price Chart Since IPO



## **FINANCIAL MODEL**

Teal careful         0.0 <t< th=""><th>Income Statement (\$ mils except EPS)</th><th>2021</th><th>2022</th><th>Jul-22</th><th>Oct-22</th><th>Jan-23</th><th>Apr-23</th><th>2023</th><th>Jul-23</th><th>Oct-23</th><th>Jan-24</th><th>Apr-24</th><th>2024</th><th>Jul-24</th><th>Oct-24</th><th>Jan-25</th><th>Apr-25</th><th>2025</th></t<>	Income Statement (\$ mils except EPS)	2021	2022	Jul-22	Oct-22	Jan-23	Apr-23	2023	Jul-23	Oct-23	Jan-24	Apr-24	2024	Jul-24	Oct-24	Jan-25	Apr-25	2025
Direct conditional development         0.0         0	Fiscal Year End: April 30	FY-A	FY-A	Q1A	Q2A	Q3A	Q4A	FY-A	Q1E	Q2E	Q3E	Q4E	FY-E	Q1E	Q2E	Q3E	Q4E	FY-E
Direct conditional development         0.0         0	Total revenue	0.0	0.0	0.0	0.0	0.0	(0.0)	0.0	0.0	0.0	0.1	0.3	0.4	0.6	1.0	1.6	2.2	5.
Dires porfigen)         0.0																		2.
Besetted and development         1.7         3.0         0.4         0.8         0.6         0.5 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12.27</td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td>3.</td>							12.27				-	-	-			-		3.
Besetted and development         1.7         3.0         0.4         0.8         0.6         0.5 <td></td>																		
Seling preval and administrative Other         0.5         1.7         1.0         0.9         0.7         1.1         3.7         1.0         1.2         1.3         1.4         4.4         4.5         1.5         1.7         1.0         0.0		17	3.0	0.4	0.0	0.6	0.5	2 5	0.5	0.5		0.0	26	1.2	1.2	1.2	1.2	5.
Other         Objective         Ob	'			-														6.
Total openating expenses         2.6         4.7         1.4         1.8         1.3         1.6         6.1         1.5         1.7         2.1         2.2         7.5         2.7         2.7         3.0         3.2         2.1           Loss from operations         2.4         2.4         2.4         2.4         2.4         2.4         2.4         2.7																		0.
Other income (expense)         0.0																		11.
clain cating using using of Propey and Cating Ca	Loss from operations	(2.6)	(4.7)	(1.4)	(1.8)	(1.3)	(1.6)	(6.1)	(1.5)	(1.7)	(2.1)	(2.0)	(7.3)	(2.4)	(2.2)	(2.1)	(2.0)	(8.6
clain of sungukhernis of beekt Gainon Suttement of Payabesi Gainon Suttement of Payabesi Cain Singen Gainon Suttement of Payabesi																		
clain/score Disponsible Property and Equ.         0.0		0.2				0.0	0.0	0.0			0.0		0.0				0.0	0.0
Gain on Spectrament of Payapet and Equipable.       0.0       <	*																	
Gain on Disposals of Progeny and Eq.       0.0 <td></td> <td>0.0</td>																		0.0
Interestinctionic (seperate)       (0.1)       (0.1)       (0.0)       (0.0)       (0.0)       (0.0)       0.0       0.																		0.0
Other income (specings)         0.0																		0.0
Income before taxes         (2.5)         (4.8)         (1.6)         (1.8)         (1.5)         (1.7)         (2.1)         (2.0)         (7.3)         (2.4)         (2.2)         (2.1)         (2.0)           Net cos         (2.5)         (4.8)         (1.6)         (1.8)         (1.3)         (1.6)         (1.5)         (1.7)         (2.1)         (2.0)         (0.0         0.0 </td <td></td> <td>0.0</td>																		0.0
Taxes       0.0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><u>0.0</u> (8.6</td></th<>																		<u>0.0</u> (8.6
Non-recurring/noncash adjustments         0.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></t<>																		0.0
Nonrecurring/noncsh adjustments Net income (pro forma)         0.0 <t< td=""><td>Net loss</td><td>(2.5)</td><td>(4.8)</td><td>(1.6)</td><td>(1.8)</td><td>(1.3)</td><td>(1.6)</td><td>(6.4)</td><td>(1.5)</td><td>(1.7)</td><td>(2.1)</td><td>(2.0)</td><td>(7.3)</td><td>(2.4)</td><td>(2.2)</td><td>(2.1)</td><td>(2.0)</td><td>(8.6</td></t<>	Net loss	(2.5)	(4.8)	(1.6)	(1.8)	(1.3)	(1.6)	(6.4)	(1.5)	(1.7)	(2.1)	(2.0)	(7.3)	(2.4)	(2.2)	(2.1)	(2.0)	(8.6
Neticome (pro forma)       (2.5)       (4.8)       (1.6)       (1.8)       (1.3)       (1.6)       (6.4)       (1.5)       (1.7)       (2.0)       (7.3)       (2.4)       (2.2)       (2.1)       (2.0)       (2.0)         EBITDA       (2.5)       (4.7)       (1.4)       (1.8)       (1.3)       (1.6)       (1.5)       (1.7)       (2.0)       (2.0)       (7.3)       (2.4)       (2.2)       (2.1)       (2.0)       (2.1)       (2.0)       (2.1)       (2.0)       (2.1)<																		0.0
Weighted average common shares outs Shares, Diluted         3.3         3.3         5.6         8.2         8.2         9.7         8.0         10.4         15.																		(8.6
Shares, Diluted       3.3       3.3       5.6       8.2       8.2       9.7       8.0       10.4       15.4       15.4       14.1       15.4	EBITDA	(2.5)	(4.7)	(1.4)	(1.8)	(1.3)	(1.6)	(6.1)	(1.5)	(1.7)	(2.0)	(2.0)	(7.3)	(2.4)	(2.2)	(2.1)	(2.0)	(8.6
EPS Basic         \$         (0.74)         \$         (1.45)         \$         (0.28)         \$         (0.17)         \$         (0.80)         \$         (0.11)         \$         (0.11)         \$         (0.13)         \$         (0.13)         \$         (0.14)         \$         (0.11)         \$         (0.11)         \$         (0.11)         \$         (0.13)         \$         (0.13)         \$         (0.13)         \$         (0.14)         \$         (0.11)         \$         (0.13)         \$         (0.13)         \$         (0.13)         \$         (0.14)         \$         (0.14)         \$         (0.14)         \$         (0.14)         \$         (0.11)         \$         (0.13)         \$         (0.13)         \$         (0.14)         \$         (0.14)         \$         (0.14)         \$         (0.14)         \$         (0.14)         \$         (0.11)         \$         (0.13)         \$         (0.13)         \$         (0.13)         \$         (0.14)         \$         (0.14)         \$         (0.14)         \$         (0.14)         \$         (0.11)         \$         (0.13)         \$         (0.12)         \$         (0.14)         \$         (0.15)         \$ <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>15.4 15.4</td></th<>																		15.4 15.4
EPS Diluted         \$         (0.74)         \$         (0.12)         \$         (0.11)         \$         (0.13)         \$         (0.12)         \$         (0.13)         \$         <							-											
Gross margin         58%         45%         NM         NM         NM         NM         NM         S0%         50%         50%         52%         52%         54%         54%         56%         56%         56%         56%         52%																		
Gross margin         58%         45%         NM         NM         NM         NM         NM         S0%         50%         50%         52%         52%         54%         54%         56%         56%         56%         56%         52%	Maurice																	
Research and development         6673%         20883%         NM	•	500/	100/	NIM	NIM	NM	NM	NIN A	50%	50%	50%	5.79/	570/	5/19/	54%	56%	56%	555
Selling, general and administrative         3416%         11928%         NM         NM<																		935
Operating margin         -10044%         -32766%         NM         NM <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1229</td></th<>																		1229
Taxata, GAAP         NM																		-1599
Net margin         -9577%         -33593%         NM         -120%         NM         NM         71824%         -396%         -216%         -132%         -89%         -132%         -89%         -132%         -89%         -132%         -																		NN
Revenue         -60%         -44%         NM																		-1599
COGS         -77%         -26%         NM         NM         NM         NM         -10%         NM         Sh	Y/Y % change																	
Gross Profit         -16%         -57%         NM         NM         NM         NM         NM         -10%         NM         NM <td></td> <td>1250</td>																		1250
Research and development         -16%         76%         8%         56%         -8%         -61%         15%         -41%         24%         50%         66%         10% </td <td>COGS</td> <td></td> <td>11419</td>	COGS																	11419
Selling, general and administrative         -51%         96%         262%         125%         65%         70%         113%         0%         30%         95%         32%         34%         8%         9%         9%         9%         5%         4%         6%         3%         9%         9%         8%         8%         8%         8%         8%         8%         8%         8%         8%	Gross Profit								-100%				8651%					13529
Total operating expenses         -33%         82%         112%         85%         19%         -19%         30%         5%         -4%         60%         38%         23%         80%         59%         43%         45%         19%         30%         5%         -4%         60%         38%         23%         80%         59%         43%         45%         19%         30%         5%         -4%         57%         28%         19%         36%         4%         5%         19%         30%         5%         -4%         57%         28%         19%         36%         4%         5%         19%         36%         27%         3%         4%         2%           Netincome         -35%         97%         214%         75%         8%         -20%         32%         -5%         -6%         53%         25%         15%         5%         27%         3%         4%         2%	Research and development																	925
Operating Income         -33%         83%         112%         85%         19%         -19%         30%         5%         -4%         57%         28%         19%         58%         27%         3%         -4%         5%           Net income         -35%         97%         214%         75%         8%         -20%         32%         -5%         -6%         53%         25%         15%         58%         27%         3%         -4%         5%	Selling, general and administrative	-51%	96%	262%	125%	65%	70%	113%	0%	30%	95%	32%	34%	8%	8%	8%	8%	355
Operating Income         -33%         83%         112%         85%         19%         -19%         30%         5%         -4%         57%         28%         19%         58%         27%         3%         -4%         5%           Net income         -35%         97%         214%         75%         8%         -20%         32%         -5%         -6%         53%         25%         15%         58%         27%         3%         -4%         5%	Total operating expenses	-33%	82%	112%	85%	19%	-19%	30%	5%	-4%	60%	38%	23%	80%	59%	43%	45%	55
Netincome -35% 97% 214% 75% 8% -20% 32% -5% -6% 53% 25% 15% 58% 27% 3% -4%		-33%	83%	112%	85%	19%	-19%	30%	5%	-4%	57%	28%	19%	58%	27%	3%	-4%	18
EPS -36% 97% 85% -29% -56% -73% -45% -48% -50% -18% -21% -35% 7% 27% 3% -4%	Net income	-35%	97%	214%	75%	8%	-20%	32%	-5%	-6%	53%	25%	15%	58%	27%	3%	-4%	18
		-36%	97%	85%	-29%	-56%	-73%	-45%	-48%	-50%	-18%	-21%	-35%	7%	27%	3%		8

#### Input in Blue

Income Statement (\$ mils except EPS)	2021	2022	Jul-22	Oct-22	Jan-23	Apr-23	2023	Jul-23	Oct-23	Jan-24	Apr-24	2024	Jul-24	Oct-24	Jan-25	Apr-25	2025
Fiscal Year End: April 30	FY-A	FY-A	Q1A	Q2A	Q3A	Q4A	FY-A	Q1E	Q2E	Q3E	Q4E	FY-E	Q1E	Q2E	Q3E	Q4E	FY-E
Total revenue	0.0	0.0	0.0	0.0	0.0	(0.0)	0.0	0.0	0.0	0.1	0.3	0.4	0.6	1.0	1.6	2.2	5.4
Loss from operations	(2.6)	(4.7)	(1.4)	(1.8)	(1.3)	(1.6)	(6.1)	(1.5)	(1.7)	(2.1)	(2.0)	(7.3)	(2.4)	(2.2)	(2.1)	(2.0)	(8.6)
Net loss	(2.5)	(4.8)	(1.6)	(1.8)	(1.3)	(1.6)	(6.4)	(1.5)	(1.7)	(2.1)	(2.0)	(7.3)	(2.4)	(2.2)	(2.1)	(2.0)	(8.6)
EPS Diluted	(0.74)	(1.45)	(0.28)	(0.22)	(0.16)	(0.17)	(0.80)	(0.14)	(0.11)	(0.13)	(0.13)	(0.52)	(0.15)	(0.14)	(0.14)	(0.13)	(0.56)
Net cash used in operating activities	(2.5)	(3.6)	(1.8)	(1.1)	(1.0)	(1.9)	(5.8)	(2.1)	(1.7)	(2.0)	(2.0)	(7.9)	(2.3)	(2.1)	(2.0)	(1.9)	(8.3)



#### Heart Test Laboratories, Inc.

Balance Sheet (\$ mils)	Apr-21	Apr-22	Jul-22	Oct-22	Jan-23	Apr-23	Jul-23	Oct-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25
Fiscal Year End: April 30	Q4A	Q4A	Q1A	Q2A	Q3A	Q4A	Q1E	Q2E	Q3E	Q4E	Q1E	Q2E	Q3E	Q4E
Current assets														
Cash	0.7	0.9	4.3	3.1	1.9	1.7	0.2	3.5	1.5	(0.5)	(2.8)	(4.9)	(6.9)	(8.8)
Accounts receivable, net	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inventories, net	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Prepaid expenses and other assets	0.1	0.0	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Deferred offering Costs	0.0	0.2	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Other Current Assets	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total current assets	1.6	1.9	5.4	4.1	2.9	2.7	1.3	4.6	2.6	0.5	(1.8)	(3.9)	(5.9)	(7.8)
Operating lease right-of-use asset, net	0.2	0.1	0.1	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Property and equipment, net	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total assets	1.9	2.1	5.6	4.8	3.5	3.3	1.9	5.2	3.1	1.1	(1.3)	(3.4)	(5.4)	(7.3)
Liabilities and Stockholders' Equity														
Current liabilities														
Accounts payable	0.3	0.7	0.5	0.8	1.0	0.6	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3
Accrued expenses	0.3	1.1	0.5	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.2	0.5
Ppp Loan Payable	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Current Portion of Notes Payable	0.1	1.6	0.0	1.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lease liability - current	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Current Liabilities	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total current liabilities	1.1	3.5	1.5	3.1	2.0	1.8	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.5
Accrued Expenses	0.1	0.2	0.1	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Lease liability – long-term	0.1	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Notes Payable	2.5	4.4	1.0	0.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Preferred Stock Convertible	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total liabilities	3.8	8.1	2.7	3.7	3.7	3.1	2.4	2.4	2.5	2.5	2.5	2.6	2.7	2.7
Stockholders' Equity	5.0	0.1	2.7	3.7	5.7	5.1	2.4	2.4	2.5	2.5	2.5	2.0	2.7	2.7
Convertible Preferred Stock					0.0	0.0								
Common stock	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Additional paid-in capital	47.7	48.3	58.9	58.9	58.9	61.0	61.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
Accumulated deficit	(49.6)	(54.4)	(56.0)	(57.8)	(59.1)	(60.8)	(62.3)	(64.0)	(66.0)	(68.1)	(70.4)	(72.6)	(74.7)	(76.7)
Total stockholders' equity	(49.0)	(6.1)	2.9	1.1	(0.3)	0.2	(02.3)	2.7	0.7	(08.1)	(70.4)	(72.0)	(74.7)	(10.0)
Total liabilities and stockholders' equity	1.9	2.1	5.6	4.8	3.5	3.3	1.9	5.2	3.1	1.1	(1.2)	(3.3)	(5.3)	(10.0)
Total labilities and stockholders' equity	1.5	2.1	5.0	4.0	5.5	5.5	1.5	5.2	5.1	1.1	(1.2)	(3.3)	(3.3)	(7.2)
Balance Sheet Drivers														
	Apr-21	Apr-22	Jul-22	Oct-22	Jan-23	Apr-23	Jul-23	Oct-23	Jan-24	Apr-24	Jul-24	Oct-24	Jan-25	Apr-25
	Q4A	Q4A	Q1A	Q2A	Q3A	Q4A	Q1E	Q2E	Q3E	Q4E	Q1E	Q2E	Q3E	Q4E
Book & Cash Value (per share)														
Book Value per Share (diluted)	(0.58)	(1.82)	0.51	0.13	(0.03)	0.02	(0.05)	0.18	0.04	(0.09)	(0.24)	(0.38)	(0.52)	(0.65)
Cash per Share (diluted)	0.22	0.35	0.76	0.37	0.23	0.19	0.04	0.24	0.11	(0.02)	(0.17)	(0.31)	(0.44)	(0.56)
Net cash per Share (diluted)	(0.54)	(0.99)	0.58	0.37	0.11	0.14	(0.01)	0.21	0.08	(0.05)	(0,17)	(0.31)	(0.44)	(0.56)

Source: Company reports, Ascendiant Capital Markets estimates



#### Heart Test Laboratories, Inc.

Cash Flow Statement (\$ mils)	2021	2022	Jul-22	Oct-22	Jan-23	Apr-23	2023	Jul-23	Oct-23	Jan-24	Apr-24	2024	Jul-24	Oct-24	Jan-25	Apr-25	2025
Fiscal Year End: April 30	FY-A	FY-A	Q1A	Q2A	Q3A	Q4A	FY-A	Q1E	Q2E	Q3E	Q4E	FY-E	Q1E	Q2E	Q3E	Q4E	FY-E
Cash flow from operating activities																	
Net loss	(2.5)	(4.8)	(1.6)	(1.8)	(1.3)	(1.6)	(6.4)	(1.5)	(1.7)	(2.1)	(2.0)	(7.3)	(2.4)	(2.2)	(2.1)	(2.0)	(8.6)
Adjustments:																	
Depreciation and Amortization	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortization of Debt Discount and Deferred Fina	0.0	0.2	0.1	0.0	0.0	0.0	0.1										
Gain/loss on Disposal of Property and Equipmen	0.0	0.0	0.0	0.0	0.0	0.0	0.0										
Stock based Compensation	0.0	0.1	0.1	0.0	0.0	0.1	0.2										
Gain on Extinguishment of Debt	(0.3)	(0.3)	0.0	0.0	0.0	0.0	0.0										
Other Assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0										
Gain on Settlement of Payables	0.0	0.0	(0.1)	0.0	0.0	(0.0)	(0.1)										
Warrants Issued to non-employees			0.0	0.0	0.0	0.2	0.2										
Warrants Issued for Note Extension	0.0	0.0	0.0	0.0	0.0	0.0	0.0										
Stock Issued for Note Facility Fee	0.0	0.0	0.0	0.0	0.0	0.0	0.0										
WC changes																	
Accounts Receivable	0.0	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0
Inventory	0.1	0.1	(0.0)	0.0	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0
Accounts Payable	(0.0)	0.4	(0.2)	0.3	0.2	(0.4)	0.0	(0.6)	0.0	0.0	0.0	(0.6)	0.00	0.06	0.08	0.09	0.3
Accrued Liabilities	0.1	0.4	(0.2)	0.3	(0.0)	(0.0)	(0.3)	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
Deferred offering Costs	0.1	(0.2)	0.2	0.2	0.0	(0.0)	0.1	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0
Prepaids and Other Current Assets	0.0	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0
Other Current Liabilities	0.0	0.1	0.0	0.1	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0
Net cash used in operating activities	(2.5)	(3.6)	(1.8)	(1.1)	(1.0)	(1.9)	(5.8)	(2.1)	(1.7)	(2.0)	(2.0)	(7.9)	(2.3)	(2.1)	(2.0)	(1.9)	(8.3)
Investing Activities	(2.5)	(5.0)	(1.0)	(1.1)	(1.0)	(1.5)	(5.0)	(2.1)	(1.7)	(2.0)	(2.0)	(7.5)	(2.3)	(2.1)	(2.0)	(1.5)	(0.5)
Purchase of Property and Equipment	(0.0)	(0.0)	(0.0)	0.0	(0.0)	(0.0)	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Disposition of Property and Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net cash used in investing activities	(0.0)	(0.0)	(0.0)	0.0	(0.0)	(0.0)	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financing Activities	(0.0)	(0.0)	(0.0)	0.0	(0.0)	(0.0)	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Proceeds from Convertible Promissory Notes	1.5	4.2	0.0	0.0	0.0	0.0	0.0										
Proceeds from Issuance of Common Stock. Net of	0.0	4.2	5.2	0.0	0.0	0.0	5.2	0.7	5.0	0.0	0.0	5.7	0.00	0.0	0.0	0.0	0.0
Issuance of warrants in IPO	0.0	0.0	0.0	0.0	0.0	(0.0)	0.0	0.7	5.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0
Issuance of Common Stock for bridge warrant ex	0.0	0.0	0.0	0.0	0.0	1.1	1.1					0.0					
Issuance of Common Stock under equity line, ne	0.0		0.0	0.0	0.0	0.4	0.4					0.0					
Issuance of pre-funded warrants for bridge warrants	0.0	0.0	0.0	0.0	0.0	0.2	0.2					0.0					
Repayment of Shareholder's Note Proceeds from Shareholders Notes	0.0	(0.5) 0.5	0.0	0.0	0.0	0.0	0.0					0.0					
	0.7		0.0	0.0	0.0	(0.0)	0.0					0.0					
Proceeds from Ppp Loan	0.3	0.0	0.0	0.0	0.0	0.0	0.0					0.0					
Repayment of Financing Leases	0.0	0.0	(0.0)	(0.1)	(0.1)	(0.1)	(0.4)					0.0					
Proceeds from Issuance of Series C Preferred Co	0.2	0.0	0.0	0.0	0.0	0.0	0.0					0.0					
Deferred Financing Costs	0.0	(0.4)	0.0	0.0	0.0	0.0	0.0					0.0					
Net cash provided by financing activities	2.7	3.8	5.2	(0.1)	(0.1)	1.6	6.5	0.7	5.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0
Net cash increase (decrease)	0.2	0.2	3.4	(1.2)	(1.1)	(0.3)	0.7	(1.4)	3.3	(2.0)	(2.0)	(2.2)	(2.3)	(2.1)	(2.0)	(1.9)	(8.3)
Cash balance at beginning of period	0.5	0.7	0.9	4.3	3.1	2.0	0.9	1.7	0.2	3.5	1.5	1.7	(0.5)	(2.8)	(4.9)	(6.9)	(0.5)
Cash balance at end of period	0.7	0.9	4.3	3.1	2.0	1.7	1.7	0.2	3.5	1.5	(0.5)	(0.5)	(2.8)	(4.9)	(6.9)	(8.8)	(8.8)
Source: Company reports, Ascendiant Capital Mark	ets estimates																

Source: Company reports, Ascendiant Capital Markets estimates



## ANALYST CERTIFICATION

Each analyst hereby certifies that the views expressed in this report reflect the analyst's personal views about the subject securities or issuers. Each analyst also certifies that no part of the analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this report. The analyst who prepared this report is compensated based upon the overall profitability of Ascendiant Capital Markets, LLC, which may, from time to time, include the provision of investment banking, financial advisory and consulting services. Compensation for research is based on effectiveness in generating new ideas for clients, performance of recommendations, accuracy of earnings estimates, and service to clients.

## Heart Test Laboratories, Inc.

• Ascendiant Capital Markets, LLC has not received compensation for advisory or investment banking services from the company in the past 12 months.

## **IMPORTANT DISCLOSURES**

This report has been distributed by Ascendiant Capital Markets, LLC and is for the sole use of our clients. This report is based on current public information that we consider reliable, but we do not represent it is accurate or complete, and it should not be relied on as such. This report contains information from various sources, including United States government publications, The Wall Street Journal and other periodicals, Yahoo! Finance and other sources, and is for informational purposes only and is not a recommendation to trade in the securities of the companies mentioned within the report. We seek to update our research and recommendations as appropriate, but the large majority of reports are published at irregular intervals as we consider appropriate and, in some cases, as constrained by industry regulations.

We may have a business relationship with companies covered in this report. Ascendiant Capital Markets, LLC may make a market in the securities of the subject company. We and our affiliates, officers, directors, and employees will from time to time have long or short positions in, act as principal in, and buy or sell, the securities or derivatives (including options and warrants) thereof of covered companies referred to in this report. This report is not an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Clients should consider whether any information in this report is suitable for their particular circumstances and, if appropriate, seek professional advice, including tax advice. The price and value of the investments referred to in this report may fluctuate.

Following are some general risks that can adversely impact future operational and financial performance and share price valuation: (1) industry fundamentals with respect to legislation, mandates, incentives, customer demand, or product pricing; (2) issues relating to competing companies or products; (3) unforeseen developments with respect to management, financial condition or accounting policies or practices; or (4) external factors that affect the interest rates, currency, the economy or major segments of the economy. Past performance is not a guide to future performance, future returns are not guaranteed, and loss of original capital may occur. Certain transactions, including those involving futures, options, and other derivatives, give rise to substantial risk and are not suitable for all investors. Our report is disseminated primarily electronically, and, in some cases, in printed form. The information contained in this report is not incorporated into the contents of our website and should be read independently thereof. Copyright 2019 Ascendiant Capital Markets, LLC. No part of this material may be copied, photocopied or duplicated by any means or redistributed without the prior written consent of Ascendiant Capital Markets, LLC.

## **Risks & Considerations**

Risks to attainment of our share price target include balance sheet/liquidity risks, failure of product candidates to demonstrate safety and efficacy in clinical trials, failure to gain regulatory approvals, ability to commercialize product, failure to obtain suitable reimbursement, competition, changing macroeconomic factors, investor sentiment for investing in healthcare stocks, and changes in consumer or government priorities for healthcare.

## Ascendiant Capital Markets, LLC Rating System

- **BUY:** We expect the stock to provide a total return of 15% or more within a 12-month period.
- HOLD: We expect the stock to provide a total return of negative 15% to positive 15% within a 12-month period.



## **SELL:** We expect the stock to have a negative total return of more than 15% within a 12-month period.

Total return is defined as price appreciation plus dividend yield.

				Banking Services 2 months
	Count	Percent	Count	Percent
Buy	51	98%	16	31%
Hold	0	0%	0	0%
Sell	1	2%	0	0%
Total	52	100%	16	31%

## Ascendiant Capital Markets, LLC Distribution of Investment Ratings (as of July 14, 2023)

## **Other Important Disclosures**

Our analysts use various valuation methodologies including discounted cash flow, price/earnings (P/E), enterprise value/EBITDAS, and P/E to growth rate, among others. Risks to our price targets include failure to achieve financial results, product risk, regulatory risk, general market conditions, and the risk of a change in economic conditions.

## **Dissemination of Research**

Ascendiant Capital Markets, LLC research is distributed electronically via the Thomson Reuters platforms, Bloomberg, Capital IQ, and FactSet. Please contact your investment advisor or institutional salesperson for more information.

## **General Disclaimer**

The information and opinions in this report were prepared by Ascendiant Capital Markets, LLC. This information is not intended to be used as the primary basis of investment decisions and because of individual client objectives it should not be construed as advice designed to meet the particular investment needs of any investor. This material is for information purposes only and is not an offer or solicitation with respect to the purchase or sale of any security. The reader should assume that Ascendiant Capital Markets, LLC may have a conflict of interest and should not rely solely on this report in evaluating whether or not to buy or sell securities of issuers discussed herein. The opinions, estimates, and projections contained in this report are those of Ascendiant Capital Markets, LLC as of the date of this report and are subject to change without notice. Ascendiant Capital Markets, LLC endeavors to ensure that the contents have been compiled or derived from sources that we believe are reliable and contain information and opinions that are accurate and complete. However, Ascendiant Capital Markets, LLC makes no representation or warranty, express or implied, in respect thereof, takes no responsibility for any errors and omissions contained herein, and accepts no liability whatsoever for any loss arising from any use of, or reliance on, this report or its contents. Information may be available to Ascendiant Capital Markets, LLC, or its affiliates that is not reflected in this report. This report is not to be construed as an offer or solicitation to buy or sell any security.

## **Additional Disclosures**

Ascendiant Capital Markets, LLC is a broker-dealer registered with the United States Securities and Exchange Commission (SEC) and a member of the FINRA and SIPC. Ascendiant Capital Markets, LLC is not a Registered Investment Advisor nor is it an investment advisor registered with the Securities and Exchange Commission or with the securities regulators of any state, and at the present time is not eligible to file for federal registration.