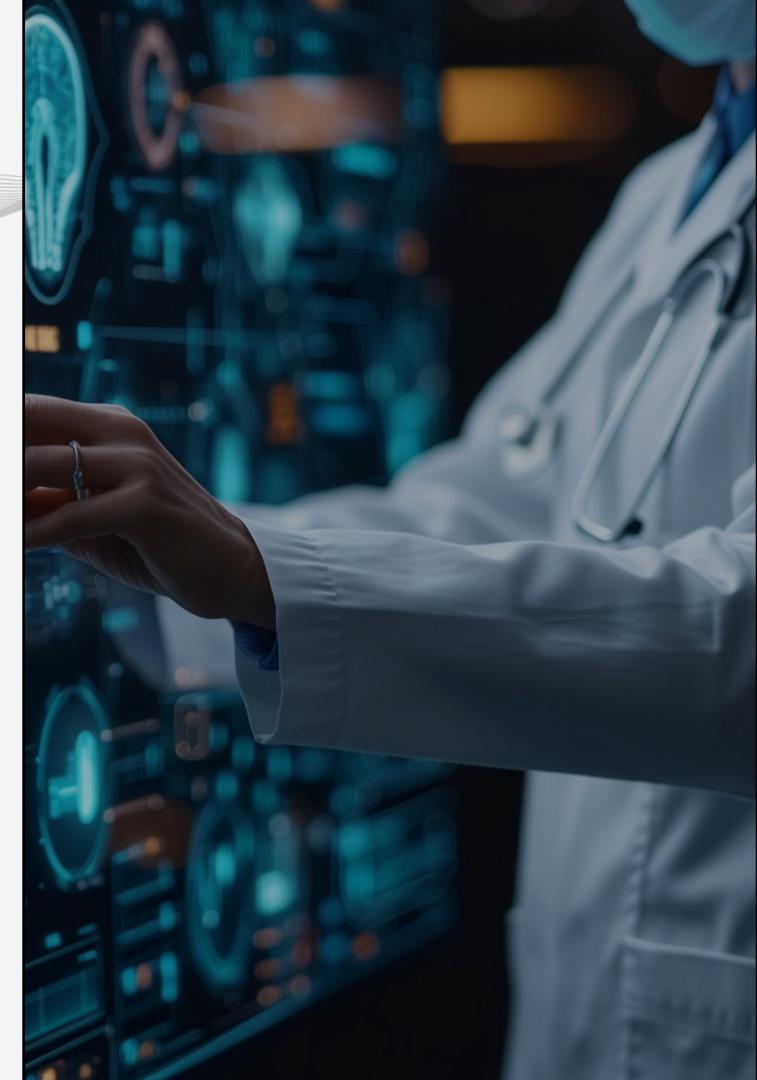


Transforming Healthcare for a Brighter Future

Supporting the Early Detection of Chronic Diseases



Forward-Looking Statements

This presentation includes statements that are, or may be deemed, "forward-looking statements." In some cases, these forward-looking statements can be identified by the use of forward-looking terminology, including the terms "believe," "estimate," "anticipate," "expect," "plan," "intend," "may," "could," "might," "will," "should," or, in each case, their negative or other variations thereon or comparable terminology, although not all forward-looking statements contain these words. Such forward-looking statements appear in a number of places throughout this presentation and include express and implied statements regarding expansion of the healthcare business, seeking a new 510(k) clearance for QuantaFlo® with expanded indications for use, purchase of additional bitcoin, value of bitcoin and ability to execute on the Bitcoin treasury strategy, the market opportunity for our products, new products and service offerings, as well as our plans for maximizing stockholder returns and our goals for the year, among others. These statements are based on our current intentions, beliefs, projections, outlook, analyses or current expectations.

By their nature, forward-looking statements involve risks and uncertainties because they relate to events, competitive dynamics, the industry in which we operate and the trends that may affect the industry or us, as well as our new bitcoin strategy. Our results of operations, financial condition, liquidity, prospects, growth and strategies depend on the economic circumstances that may or may not occur in the future or may occur on longer or shorter timelines than anticipated. Although we believe that we have a reasonable basis for each forward-looking statement contained in this presentation, we caution you that forward-looking statements are not guarantees of future performance and that our actual results of operations, financial condition and liquidity, and the development of the industry in which we operate may differ materially from the forwardlooking statements contained in this presentation as a result of, among other factors, the factors referenced in the "Risk Factors" section of our form 10-Q as filed with the SEC on November 5, 2024, risks inherent with investing in Bitcoin, including Bitcoin's volatility, risk of implementing a new Bitcoin treasury strategy, the CMS 2024 Medicare Advantage and Part D Final Rate Announcement and the change in the reimbursement landscape, our ability to obtain a new 510(k) clearance for expanded indications, and the seasonality observed in our variable (fee per test) revenues, and other geopolitical events that may impact our supply chain, such as the Russian invasion of Ukraine, recent hostilities involving Israel, and other geopolitical conflicts as well as inflation. In addition, even if our results of operations, financial condition and liquidity, and the development of the industry in which we operate are consistent with the forward-looking statements contained in this presentation, they may not be predictive of results of developments in future periods. Any forward-looking statements that we make in this presentation speak only as of the date of such statement, and we undertake no obligation to update such statements to reflect events or circumstances after the date of this presentation, except as required by law.

You should read carefully our "Cautionary Note Regarding Forward-Looking Statements and Industry Data" and the factors described in the "Risk Factors" sections of the Annual Report to better understand the risks and uncertainties inherent in our business.

Semler Scientific, Inc. Highlights

(in millions of U.S. Dollars)

Bitcoin Holdings

1,873 as of 12/04/24

- Acquired 2,084 bitcoins as of 12/15/24 at a total cost of \$168.8 million
- Total market value of bitcoin holdings of \$214.8 million, as of 12/15/24
- Able to use cash flows from operating business to accumulate bitcoins, which serve as our primary treasury reserve asset

Revenues

\$68.2M FY 12/31/23

\$43.9M 9 - mos 9/30/24

- Solid track record of profitability
- Recurring and high margin SAAS revenue model
- Net cash provided by operations of \$18.3 million 9-mos 9/30/24
- Cash, cash equivalents and restricted cash balance of \$6.7 million as of 9/30/24

t a total cost of \$168.8 million \$214.8 million, as of 12/15/24 siness to accumulate bitcoins, ve asset

model million 9-mos 9/30/24 n balance of \$6.7 million as

Disruptive, Paradigm - shifting Business with Large Opportunity

Bitcoin treasury strategy with opportunity to create stockholder value through strategic bitcoin accumulation

Technology to bring cardiovascular testing to the front lines of medicine (clinics and home cares)

High-leverage distribution model selling to Health Insurance Plans, Health Risk Assessment (HRAs) companies, and other emerging customers

Software as a service (SAAS) recurring-revenue subscription licensing model, with a large and underpenetrated TAM



Maximize Stockholder Returns

Bitcoin Treasury Strategy

Use cash generated from operations and opportunistically leverage capital markets and invest proceeds in bitcoin

Cash Generation Core business selling QuantaFlo is cash generative which may support future bitcoin purchases





SUPPORTS IN THE DIAGNOSIS

for Peripheral Arterial Disease (PAD)

MARKET INTRODUCTION

2011

REGULATORY STATUS

SOFTWARE/ HARDWARE

QuantaFlo Application + sensor Works on standard PC/tablet

TEST ADMINISTERED BY

Medical Aide

FDA Cleared

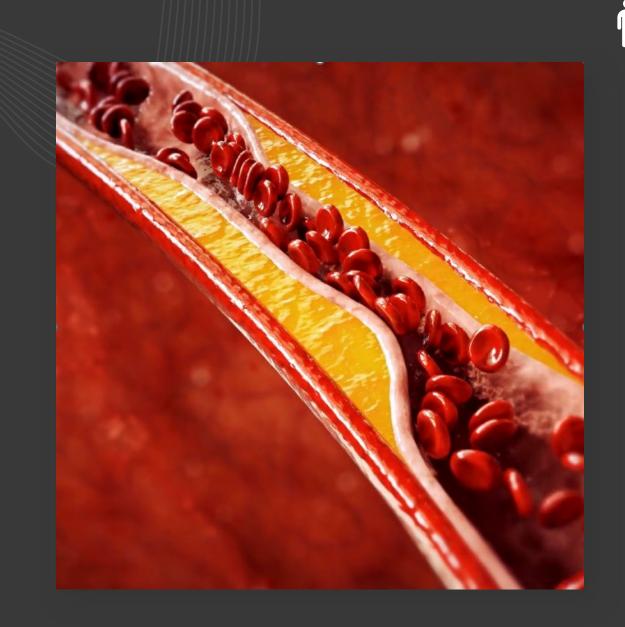
POINT OF SERVICE

Clinics (primary & specialty) & home care

PRICING MODEL

Software as a Service licenses

QuantaFlo Aids in the Diagnosis of PAD





We believe there are more than 80 million U.S. patients who could be tested based on the ACC/AHA guidelines^{1,2}

P

PAD

is a condition where the arteries serving the extremities (peripheries) narrow and reduce blood flow



COMORBIDITIES

Often had comorbidities such as heart failure, diabetes, and renal failure

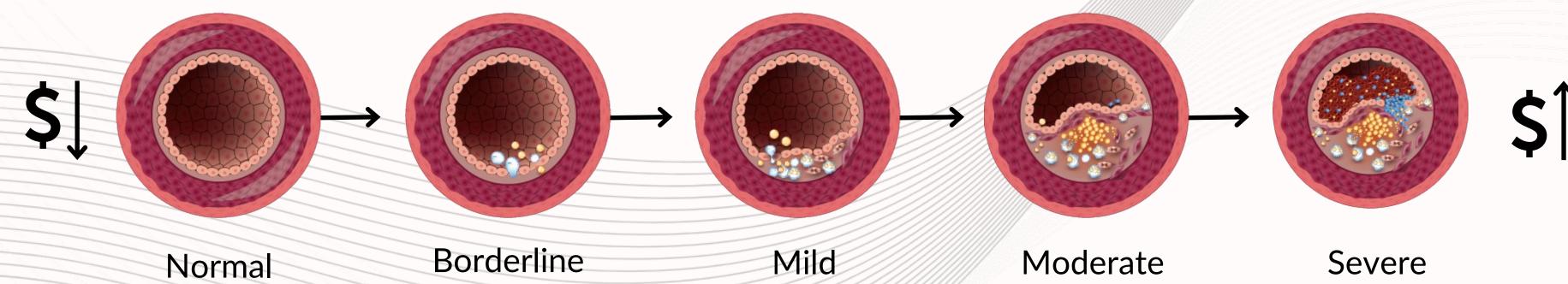


WHO IS AT RISK?¹

- Age ≥65 years
- Age 50-65 with risk factors (e.g., diabetes mellitus, history of smoking, hyperlipidemia, hypertension) or family history²
- Age <50 with diabetes and one additional risk factor

Delaying Testing for PAD Allows Progression

"Detecting previously undiagnosed peripheral artery disease is a way to risk stratify a population that would benefit from further cardiovascular risk management"³



There is potential to realize cost-savings by reducing cardiovascular event rates and deploying population-based PAD risk management strategies.

Recent Independent Clinical Studies Supports Use of QuantaFlo

Two independently conducted; peer-reviewed studies published in 2022 analyzed screening tests using QuantaFlo

			_
Α		FOCUS	
		PLE, METHODS, AND OUTCOMES	-
	munity and 1-Y	Disease Screening in the ear Mortality, Cardiovascular	Revealed the second sec
	Events, and	Adverse Limb Events	
Kim G. Sm	olderen, PhD, ¹ Omid A Kevin Heath, N	meli. MD. DrPH. ² Christine F. Chaisson. MPH. ²	
events, and r health visit w lization befor Setting/Par	n: This study aimed to major adverse limb en ith peripheral artery d e and after peripheral eticipants: Medicare eCalls program in the	The Nevada peripheral artery dise Advantage population and subse adverse cardiovascular event risk	
Intervention	1: The intervention co	Kim G. Smolderen, PhD. ⁴⁵ Kevin Heath, MD. ⁴ Terry S	
major cardia perjaheral an and revacula screening eve Rossults: of those who as higher (1.519 major cardior major addern major addern risks were oh tions remain perjaheral va Conclusion undiagnosed further aradi <i>APM Yeora X</i> and of Preventi	me measures: One watcular events, and thritely disease access at a triation procedures. I in for those with perin 192,500 beneficiaries, recend positive for pe 4 vo 0.89% pc=0.001; a watcular events (0.23% v served for 2-year resul of atable for those whe watcular interventions re 8: A national periphen periphenal attery dise actual interventions of Go watcular interventions of Go watcular interventions of Go common agilteneous of Go tomore (VAMOS) Progra- ticute "Optimulas. Bein time of sched brade	Any Nguyen Howell, ND. ² and Carlos Mena Hutado Car Vegal, NV Settem 1 Background Control to sufficient of underlectual approxi- tation of the settem of the settem of the settem of the settem control to between previously underlectual PAD and safes events. NACI for Mackara Advantage beneficiaries age concentrations of athemacleositic risk factors and a more with Machado Lala were devide dividuating beneficiaries age concentrations and the settem of the settem of the settem with their primary care provider using volume picture, in the primary care provider using volume picture, in the primary care provider using volume picture, and had a settem and a constance of the settem had a positive Hold Science of the settem of the settem and had a positive Hold Science of the settem of the Hold Bad is poortly level. The risk estimation associated with a positive or and MaCkara and bad settem of the settem of the settem contains the Hold Science of the settem of the previously and H Cardinations and long terms increased ratios of monstage and metropolities areas O Varia Surg Stage Science (1). Keywerds: Outcomes: Peripheral artery disease: Population	plomatic bowe extension of in the population are table in part of cause mortality at 1 also years in a large met individual interaction and linked interaction and the second interaction and the second interaction and the second organity system methods. Accel tables was documented by the second second interaction and the second interaction and the second interaction and the second interaction and the second interaction and interaction and intera
2022 The Authors. Publisi tive Medicine Board of C is is an open access article	Governors.	Peripheral artery disease (PAD) affects >220 million in- dividuals globally, with these numbers expected to continue to increase owing to the aging of the oppul- tions and increase in the incidence of diabetes and obesity? Begardless of its symptom manifestations and because of the generalised underlying atherosclerotic disease process. PAD has been associated with a poten- tiated risk of montality and adverse cardiovascular out- coress. ¹¹ Because of unawareness of both patients and	providers, PAD has re and undertreated. ⁵³ Recent U.S estimats risk in communities) s data have concentrate lence, which has been uals aged 2x85 years, outpatient setting. Giv are thought to be as
		From the Vaccular Multicine Outcomes Program. Section of Cardinaucular Multizon: Department of Internet Multicine [®] and Department of Depictory [®] , Vala School of Multicine. New Haams in Housen Housen: Lidam Narell and the Socheman Multicine. Las Vargan [®] . Authors certific of Internets ISGE responded unrealisticated meaning barrs from Cardina. Altoco: Juni 2 Johnson I. Johnson: Junivaliant durits Mominicated Mathematic Mathematics Mathematics of Society Optimum Lidae and Mathematics Micro Naria and Technological Mathematics Mathemat	Additional material for the arts Carrespondence Xim C Smot gram Section of Cardionacc, Yale School of Medicine, 78 Kim antideoir Opylie old. The obtains and resteems of the disclose per the 2x5 policy t

• The "HouseCalls Program" published in the AJPM Focus tested 192,500 patients in their home³

- The "Nevada Paper" published in the Journal of Vascular Surgery tested 13,971 patients in clinics⁴
 - ~30% of asymptomatic patients tested positive for PAD
 - The risk associated with detecting PAD was substantial with increased risk of all-cause mortality or morbidity at one and three years
- The studies underscore the potential for nationwide programs in clinics and at home, allowing stratification for further cardiovascular risk management

Large Enterprise Customers Base

Favorable Customer Economics

Current or target customers includes health insurance plans, home risk assessment companies, delegated medical groups, hospitals and retail clinics



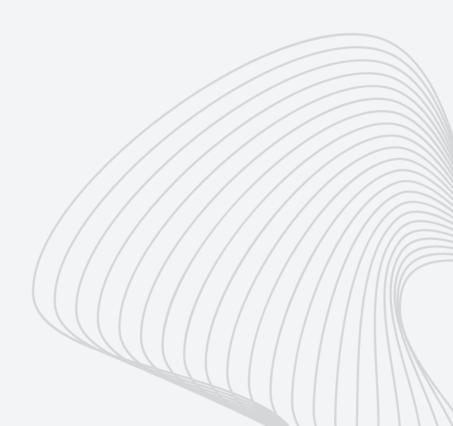


Semler Scientific[®]

Transforming Healthcare for a Brighter Future

For additional information or questions, please reach out

ir@semlerscientific.com



References

- 1. Gerhard-Herman, M. D., Gornik, H. L., Barrett, C., Barshes, N. R., Corriere, M. A., Drachman, D. E., Fleisher, L. A., Fowkes, F. G. R., Hamburg, N. M., Kinlay, S., Lookstein, R., Misra, S., Mureebe, L., Olin, J. W., Patel, R. A. G., Regensteiner, J. G., Schanzer, A., Shishehbor, M. H., Stewart, K. J., Treat-Jacobson, D., ... Walsh, M. E. (2017). 2016 AHA/ACC Guideline on the Management of Patients With Lower Extremity Peripheral Artery Disease: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. Journal of the American College of Cardiology, 69(11), 1465–1508. https://doi.org/10.1016/j.jacc.2016.11.008
- 2. Fang, J., Yang, Q., Hong, Y., & Loustalot, F. (2012). Status of cardiovascular health among adult Americans in the 50 states and the District of Columbia, 2009. Journal of the American Heart Association, 1(6). https://doi.org/10.1161/jaha.112.005371
- 3. Smolderen K.G., Ameli, O., Chaisson, C.E., Heath, K., & Mena-Hurtado, C. (2022). Peripheral artery disease screening in the community and 1-year mortality, cardiovascular events, and adverse limb events. AJPM Focus, 1(1), 100016. https://doi.org/10.1016/j.focus.2022.100016
- 4. Smolderen, K. G., Heath, K., Scherr, T., Bauzon, S. R., Howell, A. N., & Mena-Hurtado, C. (2022). The Nevada peripheral artery disease screening effort in a Medicare Advantage population and subsequent mortality and major adverse cardiovascular event risk. Journal of vascular surgery, 75(6), 2054– 2064.e3. https://doi.org/10.1016/j.jvs.2022.01.134