

Raymond James

44th Annual Institutional Investors Conference March 6, 2023

Jim Clemmer, President & CEO
Stephen Trowbridge, Executive Vice President & CFO



Notice Regarding Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements regarding AngioDynamics' expected future financial position, results of operations, cash flows, business strategy, budgets, projected costs, capital expenditures, products, competitive positions, growth opportunities, plans and objectives of management for future operations, as well as statements that include the words such as "expects," "reaffirms," "intends," "anticipates," "plans," "projects," "believes," "seeks," "estimates," "optimistic," or variations of such words and similar expressions, are forward-looking statements. These forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties. Investors are cautioned that actual events or results may differ materially from AngioDynamics' expectations, expressed or implied. Factors that may affect the actual results achieved by AngioDynamics include, without limitation, the scale and scope of the COVID-19 global pandemic, the ability of AngioDynamics to develop its existing and new products, technological advances and patents attained by competitors, infringement of AngioDynamics' technology or assertions that AngioDynamics' technology infringes the technology of third parties, the ability of AngioDynamics to effectively compete against competitors that have substantially greater resources, future actions by the FDA or other regulatory agencies, domestic and foreign health care reforms and government regulations, results of pending or future clinical trials, overall economic conditions (including inflation, labor shortages and supply chain challenges including the cost and availability of raw materials), the results of on-going litigation, challenges with respect to third-party distributors or joint venture partners or collaborators, the results of sales efforts, the effects of product recalls and product liability claims, changes in key personnel, the ability of AngioDy

In the United States, the NanoKnife System has received a 510(k) clearance by the Food and Drug Administration for use in the surgical ablation of soft tissue, and is similarly approved for commercialization in Canada, the European Union and Australia. The NanoKnife System has not been cleared for the treatment or therapy of a specific disease or condition.

Notice Regarding Non-GAAP Financial Measures

Management uses non-GAAP measures to establish operational goals and believes that non-GAAP measures may assist investors in analyzing the underlying trends in AngioDynamics' business over time. Investors should consider these non-GAAP measures in addition to, not as a substitute for or as superior to, financial reporting measures prepared in accordance with GAAP. In this presentation, AngioDynamics has reported adjusted EBITDA (income before interest, taxes, depreciation and amortization and stock-based compensation); adjusted net income and adjusted earnings per share. Management uses these measures in its internal analysis and review of operational performance. Management believes that these measures provide investors with useful information in comparing AngioDynamics' performance over different periods. By using these non-GAAP measures, management believes that investors get a better picture of the performance of AngioDynamics' underlying business. Management encourages investors to review AngioDynamics' financial results prepared in accordance with GAAP to understand AngioDynamics' performance taking into account all relevant factors, including those that may only occur from time to time but have a material impact on AngioDynamics' financial results. Please see the tables that follow for a reconciliation of non-GAAP measures to measures prepared in accordance with GAAP.

A medical technology platform company focused on a select group of large, high growth markets where meaningful treatment gaps exist in current standard of care. Our technologies positively impact treatment options and patients' quality of life.



Focused on making a positive patient impact in large markets

Cardiovascular disease and cancer have the highest

morbidity and mortality worldwide

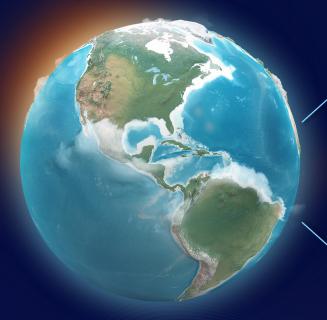


Strong Synergies¹

These diseases are closely related with highly overlapping risk factors, disease development, and illness from the side effects of treatment.

Risk Factors

- Ageing
- Lifestyle
- Environmental factors
- Genetics
- Chronic conditions
- Access to healthcare



Global Cardiovascular Disease Burden²

523M diagnosed in 2020 ~19 million deaths



O O O Cardiovascular Disease causes in 3 deaths globally



o o o o o o Cancer causes 1 in 6 deaths globally

19.3M diagnosed in 2020 ~10 million deaths

Global Cancer Burden³





Investments in our Med Tech platforms are funded by operating cash flows from our Med Device portfolio

Med Tech: Invest for Growth

Peripheral Arterial Disease

Venous Thromboembolism

Cardiac Thrombus & Emboli

Solid Tumor

FY2018 - \$1.3B

Began our strategic initiative to become a growth company

Med Device: Maintain Positioning

Vascular Access Catheters & Accessories

Microwave & Radiofrequency Ablation

Diagnostic Catheters, Guidewires & Kits

Lung Biopsy Safety

Endovenous Laser Treatment

Radiation Treatment Stabilization Balloons

FOCUSED TRANSFORMATION PURSUING ATTRACTIVE MARKETS

U.S. Total Addressable Markets



FY2021 - \$3.0B

Launch of the Auryon System gives us access to the peripheral atherectomy market

FY2023 - \$6.0B

Planned Thrombectomy & NanoKnife System portfolio additions & new indications increase market access

FY2025 - \$8.0B

Planned Thrombectomy & PE portfolio additions & new indications increase market access

The planned portfolio additions and new indications are based on management estimates and industry sources as of July 2022 and are not guarantees of future performance and are subject to risks and uncertainties including FDA clearance. Investors are cautioned that actual events or results may differ from AngioDynamics' expectations.



On the global threat from cancer and cardiovascular disease



Thrombus & Emboli

Solid Tumors

Prostate, Pancreas, Liver

VTE

Venous Thromboembolism

DVI + PE = VTE

PAD

Peripheral Arterial Disease
Above the Knee, Below the Knee, In-Stent Restenosis



Focused technology platforms targeting attractive markets with meaningful treatment gaps, where our differentiated technologies can address unmet needs

Disease State	Platform	Treatment	Status
PAD Peripheral Arterial Disease	A URY ON	Atherectomy	Launched
VTE — Venous Thromboembolism —	ANGI@VAC ALPHAVAC	Large Vessel Thrombectomy	Launched
	AURYON	Small Vessel Thrombectomy*	In development with targeted launch end of calendar 2024
	ALPHAVAC	Pulmonary Embolism*	APEX study currently enrolling Targeted launch early calendar 2025
Cardiac Thrombus & Emboli ——	ANGI© VAC	Right Heart	Launched
		Left Heart*	In development
	ALPHAVAC	Clot in Transit	Launched
Solid Tumor	NancKnife	Prostate Tissue*	PRESERVE study >50% enrolled Launch targeted end of calendar 2024

^{*}AlphaVac PE, Auryon Venous Thrombectomy/DVT, AngioVac Left Heart & NanoKnife Prostate are not cleared by the US Food and Drug Administration (FDA) for these indications

PAD



With over 25,000 cases performed, the Auryon Atherectomy System is the only atherectomy solution with the safety profile and versatility to treat every lesion location and morphology

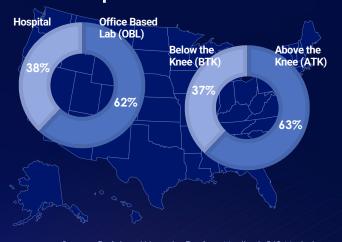
THE MARKET

OUR SOLUTION

WHY IT MATTERS

2022 Served

\$760M



AURYON

Peripheral Atherectomy



Treat all levels of calcification a-c

- Indicated for in-stent restenosis*
- Treats above and below the knee (inc. below the ankle)
 *2.0mm and 2.35mm catheters are indicated for ISR.

Protective of vessel wall c-e

- Targeted biological reactions to address risk of perforations
- Built-in aspiration to address risk of embolization†
 tBuilt-in aspiration available with the 2.0-and 2.35-mm catheters.

Designed for hospital and laba-c, f

- Portable, 110V outlet, low noise, touch screen
- Debulk in fewer passes

"We've always known that Auryon's technology is one-of-akind and unmatched. With the new [hydrophilic coating], we should be able to prove this – case after case after case

- Dr. Curtis Anderson, Vascular & Interventional Radiologist

VTE

Deep Vein

Thrombosis

in a deep vein, usually the leg, groin or arm



Our differentiated technology platforms offer potential treatment solutions across the entire disease state

THE MARKET

Embolism

PE

s free and DVT and PE a

Venous

Thromboembolism

collectively referred

to as VTE

travels to the lungs blocking some or all of the blood supply

2022 TAM

OUR SOLUTION

WHY IT MATTERS

ANGI@ VAC

 Large Vessel Venous Thrombectomy/DVT



- Large Vessel Venous Thrombectomy/DVT
- Pulmonary Embolism*

- Only solution on the market with continuous aspiration and simultaneous reinfusion of filtered blood
- Aspirates large clot burden
- Controlled aspiration
- Aspirates large clot burden
- APEX-AV study for PE

PULMONARY \$1.8B \$2.1B DEEP VEIN THROMBOSIS

AURYON

 Small Vessel Venous Thrombectomy/DVT* Auryon's combination of laser technology and aspiration restores flow in occluded vessels

VTE



All-purpose technology platforms targeted at peripheral and cardiovascular thrombolytic events, including small and large vessels



RADIOPAQUE MARKERS

Better Tip Visibility

LARGE END HOLE ASPIRATION42FR & 30FR Opening



MULTIPLE TIP ANGLES 20°, 85°, 180°

ANGI@ VAC

The **AngioVac** System allows for the **continuous** aspiration of embolic material such as thrombi and emboli from the venous system while **Simultaneously reinfusing** the patient's own filtered blood to limit procedural blood loss

ALPHAVAC

The **AlphaVac** System allows for the **controlled aspiration** of embolic material such as thrombi and emboli from the venous system



Small Vessel

AURYON



POWERFUL

355 nm laser is designed to deliver an optimized wavelength, pulse width, and amplitude to restore flow in occluded vessels^{c, d, g}



. PRECI

Protective of vessel wallc-e



ADAPTABLE

Potential to treat all types of small vessel DVT*

c-g See reference page

*Auryon Venous Thrombectomy/DVT is not cleared by the US FDA for this indication.

Cardiac Thrombus & Emboli



We are focused on offering percutaneous solutions for removing thrombus and emboli in the left and right heart

THE MARKET

OUR SOLUTION

WHY IT MATTERS

2022 TAM





- Left Heart*
- Continuous aspiration combined with the funnel tip, allows for the efficient removal of the targeted material while minimizing risk of blood loss
- Currently, there is no standard for right or left heart percutaneous approach

NanoKnife Technology

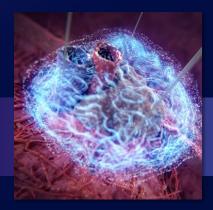


Expands treatment options and help preserve patient's quality of life



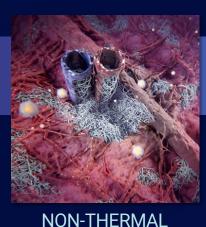
PROBE PLACEMENT

NanoKnife can be confidently used in all segments of an organ.^{1,2}



DECELLULARIZATION

Destroys targeted tissue with precise treatment margins.^{1,2}



Spares vital structures by retaining the structural integrity of tissue.34



Facilitates functional tissue regeneration post-ablation.34

Prostate Initiative*



Over 100,000 men with intermediate risk prostate cancer could be treated with this technology

THE MARKET

OUR SOLUTION

WHY IT MATTERS

\$700M

NanoKnife

Focal Therapy

INTERMEDIATE SALVAGE



Targeted: Short electric pulses destroy cells without relying on extreme heat or cold and spare vital structures within the ablation zone

Quality of Life: Better preserves urinary control and erectile function

Versatile: Can be used in all segments of the prostate for primary and recurrent disease

Fast: Minimally invasive treatment that is delivered in a single session

Preserves future treatment options



Focused technology platforms targeting attractive markets with meaningful treatment gaps, where our differentiated technologies can address unmet needs

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International Expansion Plan

D

Expanding our business reach in targeted regions & countries

Aligning our Go-to-Market strategy to the different regions and markets, utilizing new partnerships where appropriate to maximize growth

Preparing for EU and selected OUS launches of both the Auryon Atherectomy Product line, and the AlphaVac large bore Thrombectomy product Line

- Targeted launch date Auryon: 1H of calendar 2024
- Targeted launch date AlphaVac: 1H of calendar 2024

Continue to increase our global presence through our series of life symposiums which has attracted interest from global key opinion leaders who are gaining more access of our technologies



Medical Device



Med Device: Maintain Positioning				
Vascular Access Catheters & Accessories	Microwave & Radiofrequency Ablation			
Diagnostic Catheters, Guidewires & Kits	Lung Biopsy Safety			
Endovenous Laser Treatment	Radiation Treatment Stabilization Balloons			

PORTFOLIO

 Optimizing our commercial approach by re-aligning Core portfolio into new VA -Device centric commercial team

MARKET ACCESS

- Broader Med Device bag allows deeper customer engagement
- Maximize clinical differentiation & secure committed customers through targeted GPO/IDN contracting

PERFORMANCE

- Maintain a strong culture of execution and collaboration through disciplined sales & marketing plans
- Develop & export key talent throughout the organization

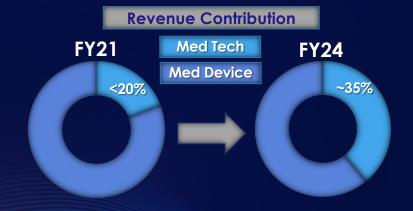
3 Year Transformational Plan







- Planned significant investment in Med Tech platforms drives top line growth
- Bottom line leverage will ramp slower than top line growth





The projections and growth rates depicted on this slide are forward-looking statements. These forward-looking statements are not guarantees of future performance and subject to risks and uncertainties.



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Auryon References



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