



ASX ANNOUNCEMENT

Investor Presentation - Information Session in Sydney on 2 April 2025

MELBOURNE, Australia (2 April 2025) – Lumos Diagnostics Holdings Ltd (ASX: LDX, “Lumos” or the “Company”) a leader in rapid, point-of-care diagnostic technologies, is pleased to provide a copy its presentation ahead of the information session which will be held today, 2 April at 12.00pm as previously announced on 24 March 2025.

The Lumos team looks forward to seeing all those investors who can attend this information session.

-Ends-

This announcement has been approved by the Disclosure Committee.

About Lumos Diagnostics

Lumos Diagnostics specializes in rapid and complete point-of-care (POC) diagnostic test technology to help healthcare professionals more accurately diagnose and manage medical conditions. Lumos offers customized assay development and manufacturing services for POC tests and proprietary digital reader platforms. Lumos also directly develops, manufactures, and commercializes novel Lumos-branded POC tests that target infectious and inflammatory diseases.

For more information visit lumosdiagnostics.com.

Forward-Looking Statements

This announcement contains forward-looking statements, including references to forecasts. Forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions, and other important factors, many of which are beyond Lumos' control and speak only as of the date of this announcement. Readers are cautioned not to place undue reliance on forward-looking statements.

Media Contact:

Haley Chartres – Australia

HACK Director

haley@hck.digital

+61 423 139 163

Investor Contact:

Jane Lowe

Managing Director, IR Department

ir@lumosdiagnostics.com

+61 411 117 774

Company Registered Office:

Lumos Diagnostics Holdings Ltd

Level 4, 100 Albert Rd

South Melbourne, VIC 3205, Australia

+61 3 9087 1598

Lumos Diagnostics Holdings Limited

Investor Overview

A decorative graphic on the right side of the slide features several overlapping circles of varying shades of blue. Below the main title, there is a horizontal bar composed of several small, colored rectangular segments in yellow, light blue, purple, and red.

2 April 2025

Financial information is shown in USD unless otherwise stated.

www.lumosdiagnostics.com

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Company Overview and Key 1H FY25 Highlights



**Who is Lumos
and why
do we exist?**

**Lumos develops, manufactures
and distributes innovative
diagnostic products**
– delivering actionable
information, in real time,
at the point-of-care.

Improve the practice of medicine.

Company Overview



Experienced leadership team



Comprehensive & integrated offering from product concept design through to manufacture and distribution



Developed and launched one of kind proprietary point-of-care diagnostic products - FebriDx



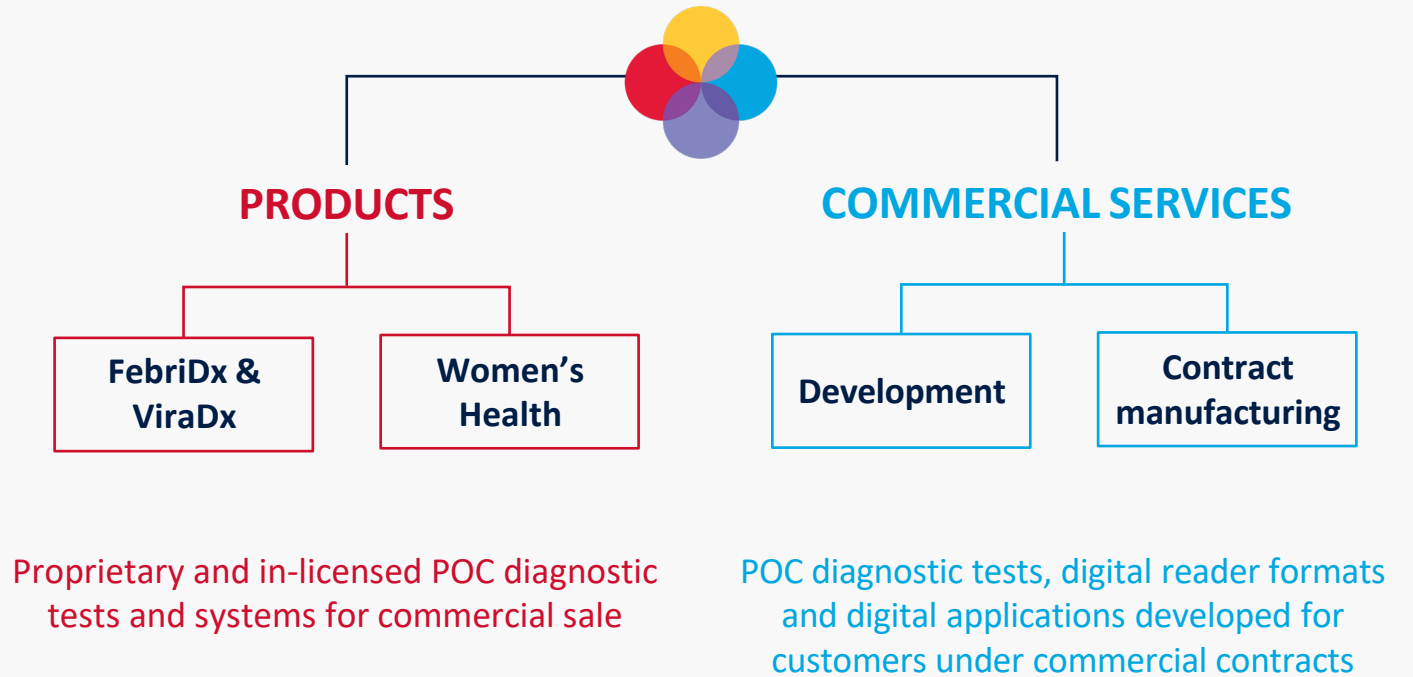
Transformational development agreements with world's leading global women's health company – Hologic



Currently developing proprietary women's health and sexual health point-of-care products

Lumos Business Overview

Lumos offers end-to-end point of care (POC) diagnostic test development, from initial assay creation to high-volume manufacturing. We develop and sell our own tests and also create tests for customers under commercial contracts.



Able to leverage R&D, manufacturing scale, and regulatory skillset across Lumos' Products and Commercial Services divisions

Key Highlights from 1H FY25¹



Revenue of \$6.3 million for the half-year, up 128% compared to PCP (1H FY24 - \$2.8 million)



Product revenue was up 227% and Services revenue was up 118%. Gross Profit margin was a healthy 67%, an improvement of 12 percentage points over the PCP



Adjusted EBITDA loss of \$0.9 million, and improvement of 77% over the loss of \$4.2 million in the PCP



FebriDx - BARDA partnership in place to support CLIA waiver and paediatric studies with non-dilutive funding up to \$8.3 million. CLIA Waiver study commenced in December 2024 with around 350 patients tested to-date



Cash at bank of \$5.5m at 31 Dec 2024. Proforma cash of \$6.4m (including BARDA payment in Jan 2025)



Work on Hologic's fFN development agreement progressing well, albeit 4 months later than planned. Phase 3 milestone payments amount to \$3.7 million (\$4.3m - \$4.5m with expanded hardware scope of works)

1. Values in US\$. Detailed 1H FY25 financials available in Appendix



Products Division



Product Portfolio Approach



Be a leader in point-of-care testing with innovative products, offering a portfolio of assays for visual read out and on a suite of differentiated, automated and connected platforms.



Focus on verticals with existing markets / reimbursement / transition from Core Lab to point-of-care / and ability to secure channel access.



Leverage broad partnering strategy for distribution and sales, secure content, share costs, and drive commercial success.

FebriDx® A Simple And Unique Test For Microbial Infection

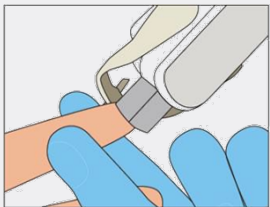
FebriDx® can rapidly identify patients who have a microbial infection¹ and, if positive, determine if that infection is caused by a viral or bacterial pathogen after 10 minutes



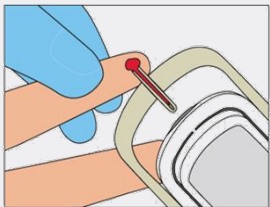
Key: Markers for infection

CRP	Inflammatory marker elevated with any infection
MxA	Specific marker only elevated with viral infection

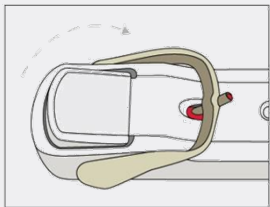
FebriDx® Test Procedure and Interpretation of Results



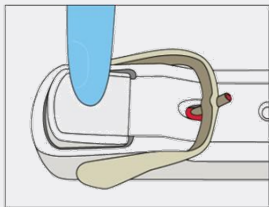
1 Lance finger



2 Collect blood sample



3 Deliver blood sample



4 Deliver buffer solution

BACTERIAL INFECTION



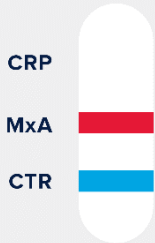
Patient can be treated with antibiotics

VIRAL INFECTION



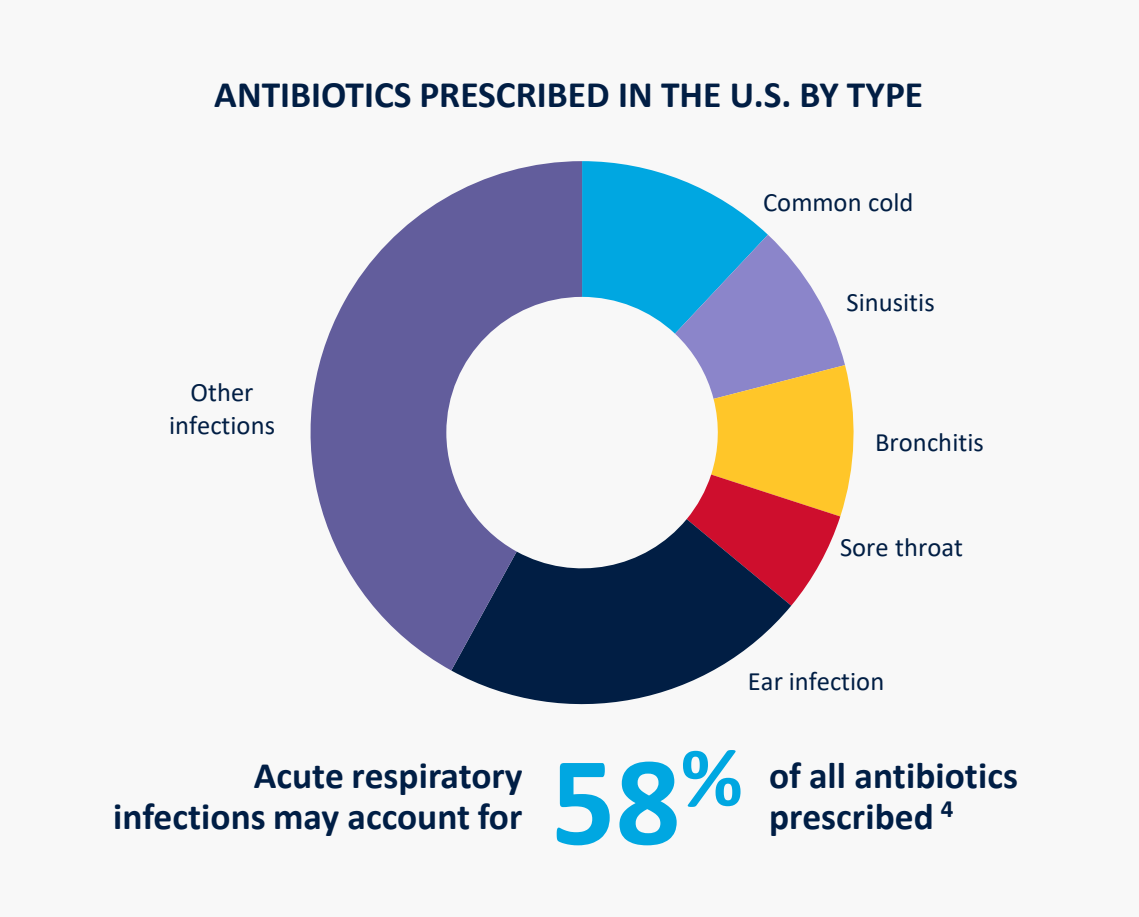
Viral Infection - Antibiotics will not work
Patient needs to be managed differently

VIRAL INFECTION

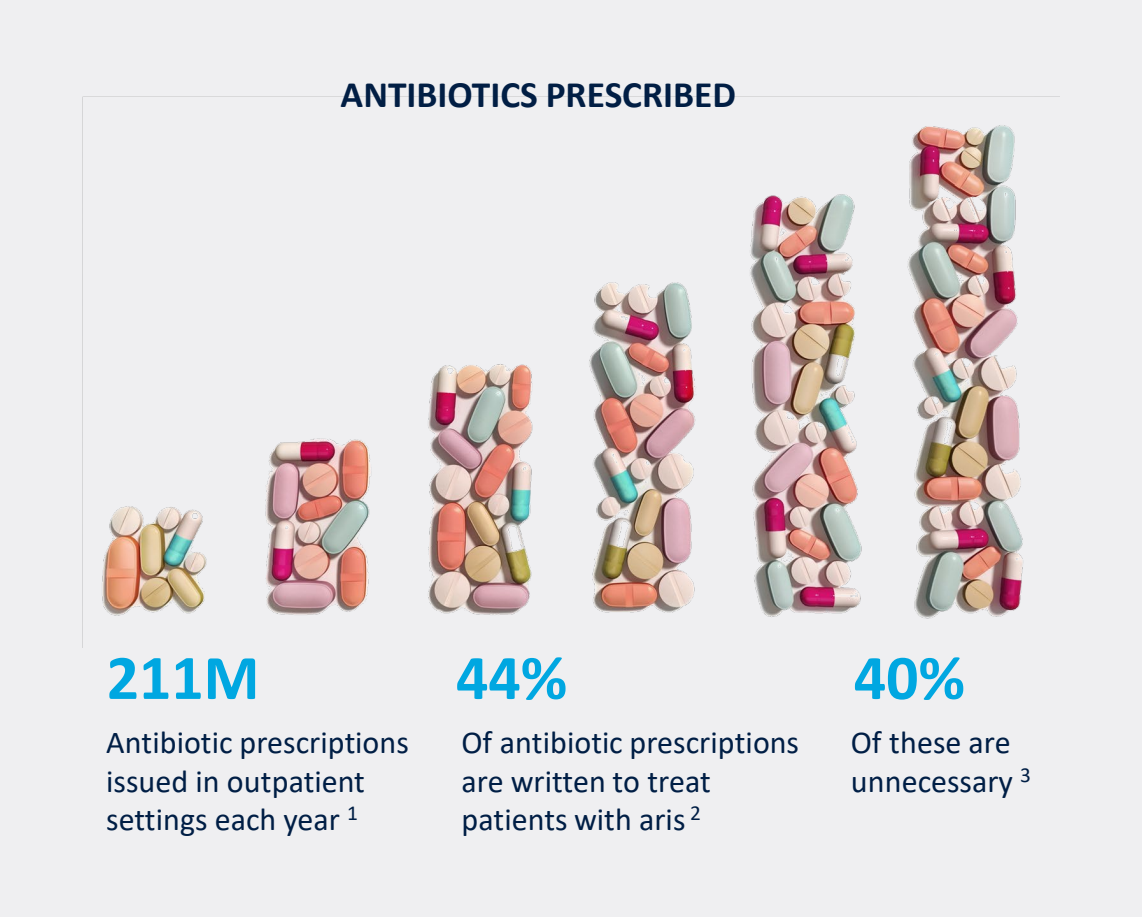


1. Microbial infection is the invasion of infectious agents into the organism, their multiplication and the reaction of host tissue against these agents. Infectious agents include bacteria, virus, parasite and fungi.

FebriDx[®] Addresses a major need: Antibiotic Overprescription



¹ Outpatient Antibiotic Prescriptions—United States 2021: <https://www.cdc.gov/antibiotic-use/data/report-2021.html>
² Unnecessary Antibiotics for Acute Respiratory Tract Infections: Associations with Care Setting and Patient Demographics, 2016



³Tse, J.; Near, A. *et al*; Antibiotics 2022, 11, 1058. <https://doi.org/10.3390/antibiotics11081>.
⁴ Centers for Disease Control and Prevention. MMWR, 2011, 60:1153-6

Potential Benefits of FebriDx®

FebriDx® can deliver significant tangible benefits to participants across the health system



Patients

- **Reduce incidence of side effects** caused by unnecessary exposure to antibiotics
- **Objective test** result providing confidence of correct diagnosis and treatment decision
- Reduce risk of **waiting-room infection**
- Reduce **misdiagnosis** and need for subsequent follow up visits



Physicians

- Greater **confidence** on treatment decisions and need for intervention
- Reduce **risk of missing bacterial infection** in a patient
- Improve **practice workflow** allowing initial assessment conducted by practice staff
- **Reduce exposure** of staff and patients to patients with a viral infection



Insurers and Government

- Reduce antimicrobial resistance (**AMR**)
- Provide significant **cost savings**
- from reduced AMR strains
- Additional cost savings from **unnecessary deaths** and adverse **drug reactions**
- Reduces **misdiagnosis** and subsequent follow up visits

FebriDx[®] CLIA Waiver Update

BARDA partnership agreement | October 2024

To support CLIA waiver and pediatric studies:
non-dilutive funding up to US\$8.3m

- US\$3.0m to support CLIA waiver study
- US\$5.3m to support pediatric study (children under 12yrs old)
- Payments based on achieving certain milestones

CLIA waiver clinical study commenced | December 2024

- Trial commenced on 19 December 2024 - first patient tested
- Around 350 patients tested to-date
- Bacterial prevalence lower than expected
- Implementing patient enrollment “enrichment” plan
- Anticipate completion in 2H CY2025



ViraDx™

Point-of-Care test for key respiratory infections

ViraDx highly relevant POC test for post-pandemic environment

- SARS-CoV-2 pandemic increased consumer and healthcare point-of-care testing
- ViraDx is a 3-in-1 test for COVID-19/Flu A/Flu B

ViraDx market update

Sales

- Majority of product sales during Q2 and Q3, with stocking orders received in October in preparation for the US flu season
- US flu season commenced some 6 – 8 weeks later than expected

Competition

- ViraDx has achieved new customer adoption due to the rise in infection rates - despite the US market experiencing significant competition from international organizations, with aggressive pricing



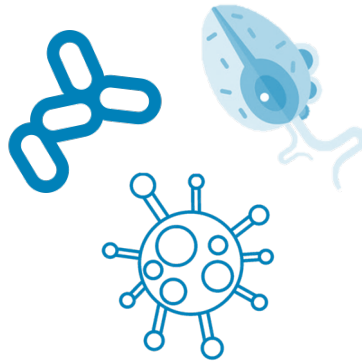
Lumos Future Products

Women's Sexual Health - \$10B



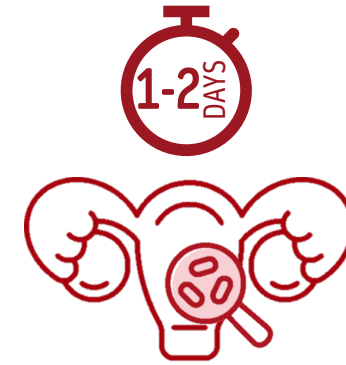
Prevalence

Affects 30%-40% of women globally.
>10M health care visits annually in the US.



Clinical Need

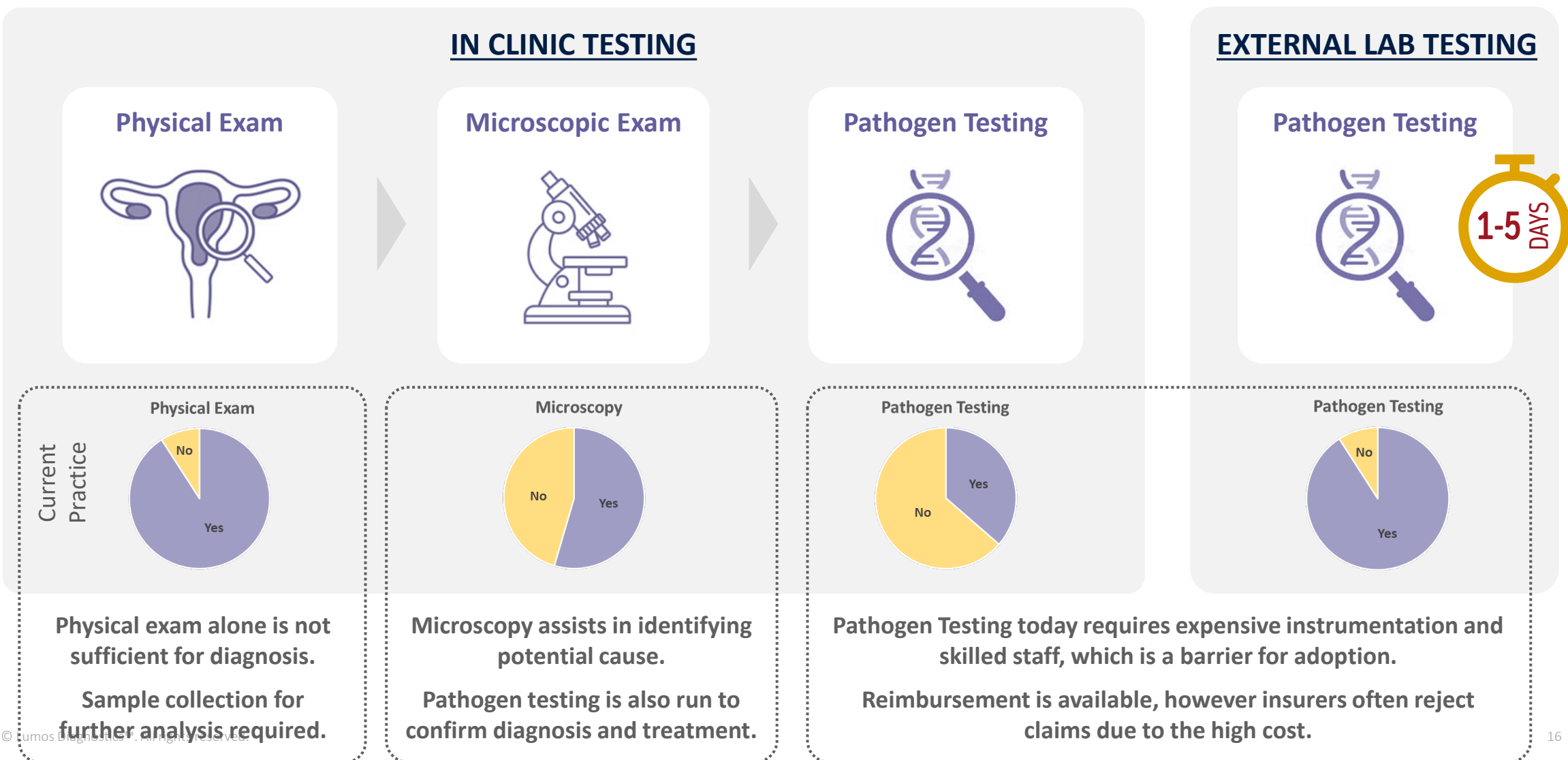
Multiple infectious organisms.
Similar symptoms / hard to diagnose.
Different treatments for each.



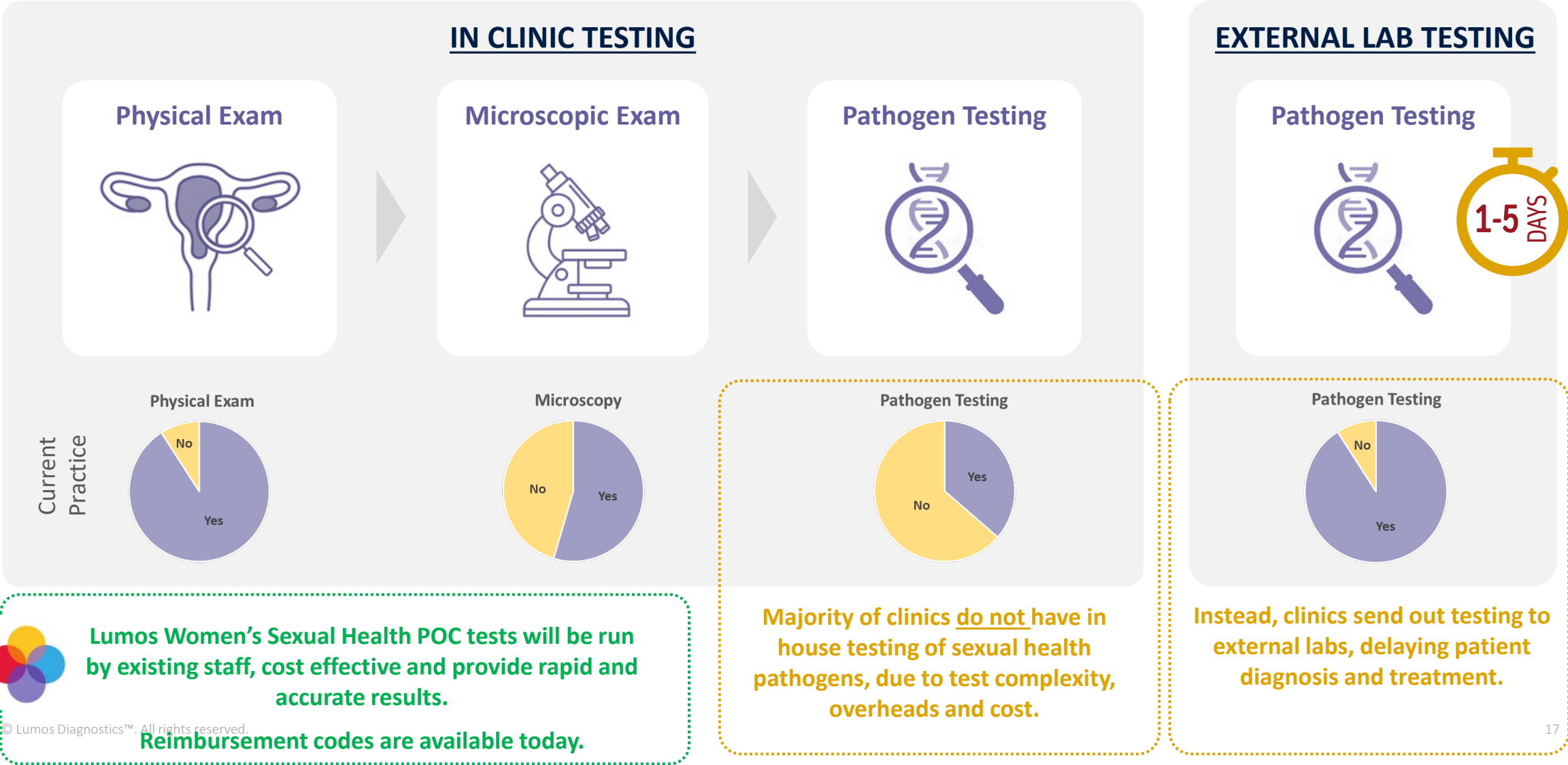
POC Diagnostic Need

Rapid & accurate testing on site needed.
Identify & treat at first patient visit.
Easy to use & trusted by clinic staff.

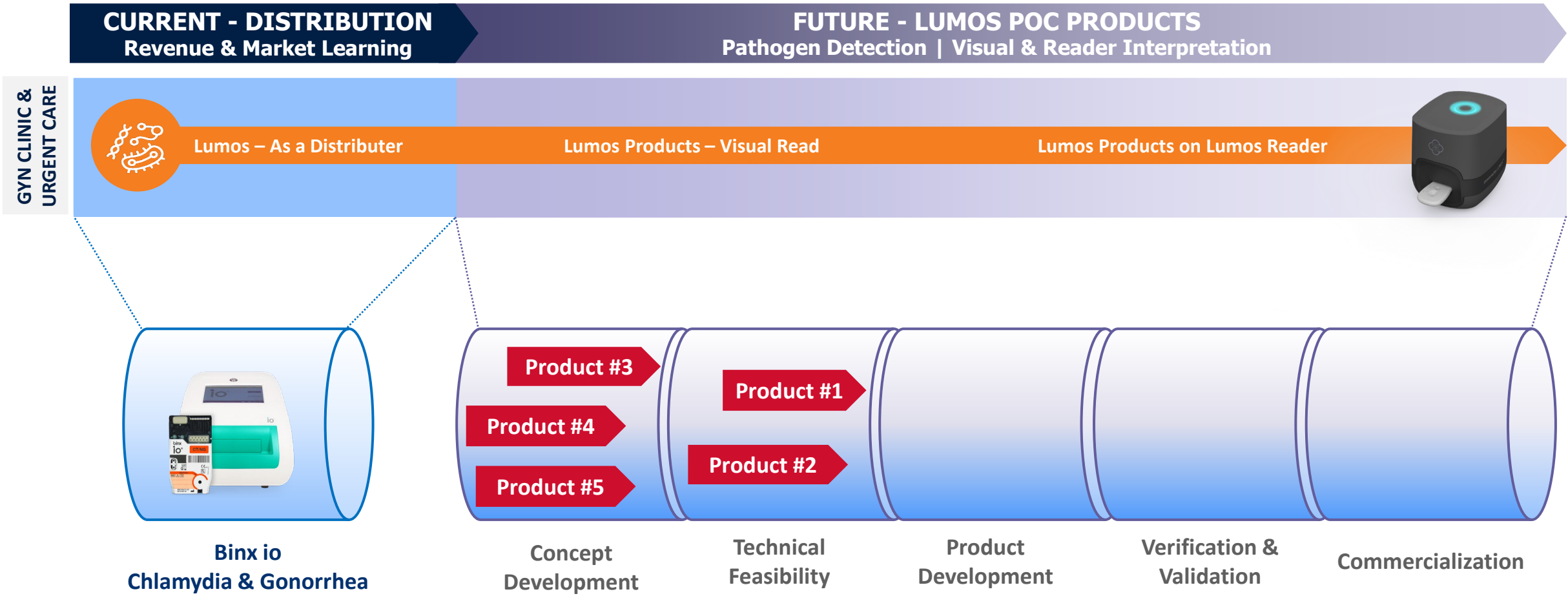
Women's Sexual Health – Current Diagnostic Practices



Women's Sexual Health – The Opportunity



Lumos Product Roadmap | Women's Sexual Health



A grayscale photograph of a healthcare worker and a patient in a clinical setting. The healthcare worker, on the left, is wearing a white face mask and white gloves, and is handing a small white card or sample to the patient. The patient, on the right, is also wearing a white face mask. In the background, there is a sink with a faucet, a wall-mounted electrical outlet, and a box of 'FebriDx' test kits on a counter. The text 'Commercial Services Division' is overlaid in white on the left side of the image, with a horizontal bar of colored segments (yellow, orange, red, purple, blue, green) underneath it.

Commercial Services Division

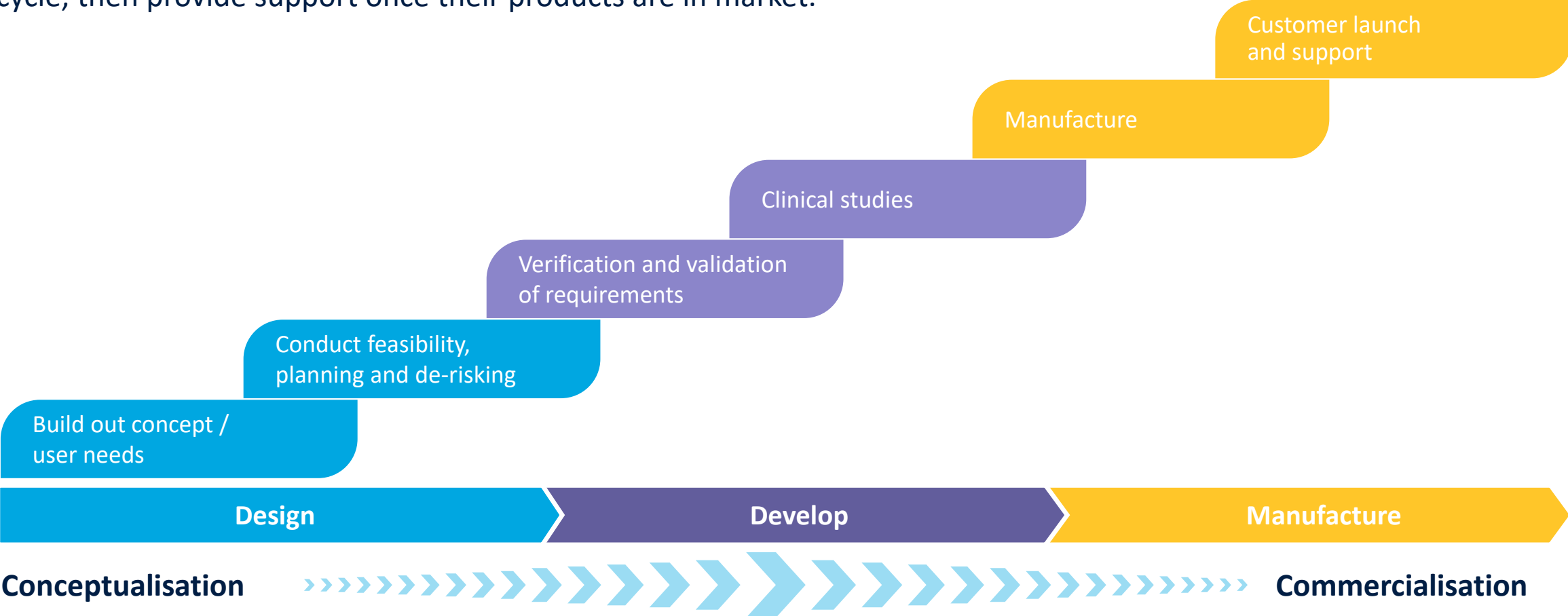
Commercial Services Capabilities

Lumos offers the full range of in-house expertise required to deliver a complete, commercially ready solution.



How we add value to partners

We work with partners through the whole diagnostic product development cycle, then provide support once their products are in market.



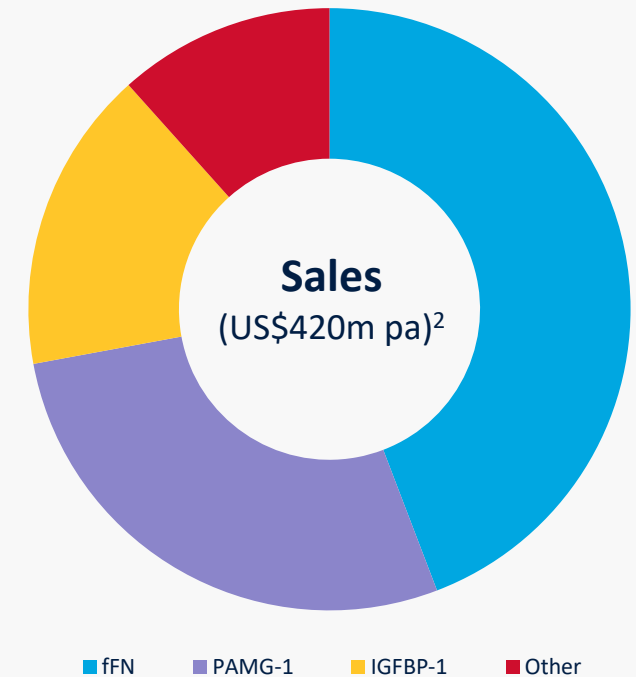
Hologic - Strategic Partnership

Fetal Fibronectin (fFN)¹

Historic relationship with Lumos <> Hologic – working together at multiple levels

- Two agreements signed in FY24 for the development of an improved version of one of Hologic's leading in-market women's health products, **Fetal Fibronectin (fFN)**, including adapting it for use on Lumos' proprietary reader platform
 - **IP Agreement** - US\$10.0m - exclusive license to the Lumos proprietary reader and POC technologies for next generation fFN product - **received**
 - **Development Agreement** - up to US\$5.5m over an estimated 24-month period for following milestones:
 - **Phase 1: Product Definition and Planning** - US\$0.4m - **completed**
 - **Phase 2: Assay Feasibility** - US\$0.6m – milestone 1 **completed** /milestone 2 **in-progress**
 - **Phase 3: System Prototype Delivery** – US\$3.7m – 6 milestones – **commenced**
 - **Expanded scope of work** – announced Mar 2025 - US\$0.6 - 0.8m for delivery of new hardware features - **commenced**
- **Expected Development Agreement completion by Dec 2025**

fFN is a biomarker indicating a heightened risk of pre-term delivery and is the largest segment of the pre-term birth diagnostic kit market



¹ASX announcements 11 January 2024, 15 January 2024, 16 January 2024, 6 May 2024, 4 June 2024, 19 June 2024. 3 March 2025 2. Global Market Insights, www.gminsights.com

Hologic - fFN Product development overview and opportunity

Current test:
Rapid fFN TLiQ

Next generation test
concept (mock-up)



Hologic – the opportunity ahead



Verification
and validation



Clinical
study



Manufacturing



Second test
development and IP

Key Priorities



Key Priorities



Implement bacterial positive enrichment strategy for FebriDx CLIA waiver trial to speed up the study



FDA pre-submission for FebriDx pediatric study in April 2025



Continue to drive FebriDx product awareness and sales into US urgent care centers



Deliver on Hologic fFN development milestones - milestone 2 from Phase 2 & Phase 3 milestones



Progress to formal product development on the first Lumos branded women's health diagnostics test

Appendix – Other Information



Board of Directors



Sam Lanyon

Non-Executive Chair



Bronwyn Le Grice

Non-Executive Director



Lawrence Mehren

Non-Executive Director



Catherine Robson

Non-Executive Director



Doug Ward

Managing Director & CEO

Highly Experienced Leadership Team



Doug Ward

CEO & Managing Director

Doug Ward has more than 30 years of biotech and medical technology experience at notable global healthcare companies including Roche, GE, Siemens, Bayer, Chiron and Hologic.

With a deep understanding of the life sciences ecosystem, Mr. Ward excels at setting the strategic direction for global companies. He brings experience across all company functions, including Commercial Leadership, R&D, Operations, Quality, Regulatory, Service, and Support.

Mr. Ward earned his Bachelor of Arts in Pre-medicine Studies from Ohio Wesleyan University.



Barrie Lambert

Chief Financial Officer

Barrie Lambert has more than 25 years of international experience in high growth companies from the medical device research and development services and manufacturing sector, as well other sectors. Prior to joining Lumos Diagnostics, he was CFO of Planet Innovation, one of the founding shareholders of Lumos.

Mr. Lambert has a broad background in governance, strategy, finance, M&A, operations, technology and sales. He holds a BA in Accounting from the University of South Australia and an MBA from University of Sydney. He is a chartered accountant and a graduate of the Australian Institute of Company Directors.



Sacha Dopheide, PhD

Chief Technology Officer

Sacha Dopheide, PhD has more than 15 years of experience in the in vitro diagnostic device industry, ranging from point-of-care devices to laboratory analyzers. She has held an executive leadership role within Lumos Diagnostics since its 2017 acquisition of Kestrel Bioscience.

Dr. Dopheide has experience managing the full range of product development for both immunoassays and their accompanying electronic readers from proof of concept through development, verification and external validation trials. She holds a BSc with First Class Honours in Biochemistry and Molecular Biology from Monash University. She received her PhD in Medicine in 2000, for which she was awarded the Victoria Fellowship for Excellence in Medical Research.



Paul Kase

SVP of Commercial Operations

Paul Kase brings more than 28 years of medical sales and leadership experience in the point-of-care diagnostic testing market to Lumos Diagnostics.

Mr. Kase is a proven leader in coaching and developing best-in-class sales teams that consistently meet and exceed revenue goals. His experience also extends to overseeing customer and technical support divisions, commercial product launches, key opinion leader development, and the creation of distributor networks in the hospital and primary care markets.

Mr. Kase earned his Bachelors in Economics and English from Bucknell University.

Company Snapshot

Issued Capital	
Shares	748.5m
Options	157.4m
Market Capitalization (AUD)	
Share price ¹	A\$0.023
Market value	A\$17.2m
Pro-forma Cash (31 Dec 2024 – in AUD)	A\$8.7m
Enterprise value	A\$8.5m
Substantial shareholders	
Tenmile Ventures	19.9%
Ryder Capital	17.0%
¹ As at close on 28 March 2025	

Share Price & Volume	
Board and Management	
Sam Lanyon	Non-Executive Chairman
Doug Ward	CEO & Managing Director
Bronwyn Le Grice	Non-Executive Director
Lawrence Mehren	Non-Executive Director
Catherine Robson	Non-Executive Director
Barrie Lambert	CFO

Profit & Loss Summary – 1H FY25

Strong revenue growth and EBITDA improvement

Six months ended 31 Dec	1H FY25	1H FY24	% Change
Services revenue	5,468	2,510	+118%
Products revenue	838	256	+227%
Total Revenue	6,306	2,766	+128%
Gross Profit	4,239	1,523	+178%
<i>GP Margin (%)</i>	<i>67%</i>	<i>55%</i>	<i>+12pts</i>
Other income	964	19	n/m
Operating expenses	6,141	5,709	+8%
Adjusted EBITDA	(938)	(4,167)	-77%
Depreciation & amortisation	(1,344)	(1,294)	+4%
Finance Costs	(300)	(802)	-63%
Share based payments	(222)	(150)	+48%
Income tax expense	-	-	-
Net (loss) after tax	(2,804)	(6,413)	-56%

(US\$ in thousands)

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Revenue

- Total revenue \$6.3m (+128%)
- **Services revenue** \$5.5m (+118%) - Positive impact from Hologic Development and IP agreements
- **Products revenue** \$0.8m (+227%) - ViraDx sales in the US flu season and FebriDx US and International sales

Gross profit

- Gross profit \$4.2m (+178%).
- GP margin 67% v's 55% (Hologic agreements impact)

Other Income is primarily from BARDA grant of \$925K recognised, for milestone 1 & 2 (payment was received in January)

Operating Expenses

- \$6.1m (+8%). Additional costs from FebriDx CLIA waiver trial, and some employee expenses (+4%)

EBITDA loss of \$0.9m, an improvement of \$3.2m (-77% on PCP)

Balance Sheet Summary – 1H FY25

Improved net asset position

Period ending	31 Dec 2024	30 Jun 2024	+/-
Assets			
Cash	5,532	6,479	-947
Inventories	1,346	784	+562
Trade & other receivables	1,639	672	+967
Contract assets	1,782	1,010	+772
Right of use assets	6,861	7,267	-406
Intangibles	8,414	9,685	-1,271
Other assets	920	941	-21
Total Assets	26,494	26,838	-344
Liabilities			
Trade & other payables	2,558	2,389	+169
Lease liabilities	7,807	8,060	-253
Employee benefits	1,106	1,715	-609
Contract liabilities	5,233	7,565	-2,332
Total liabilities	16,704	19,729	-3,025
Net Assets	9,790	7,109	+2,681

- **Inventory mainly** raw materials for ViraDx ahead of US flu season
- **Trade & Other Receivables** includes BARDA receivable of \$0.9m
- **Contract Assets** primarily accrued income (timing of accrual milestone payments) on Hologic development agreement
- **Intangibles** consists of readers, FebriDx IP and Other items (reduction due to amortization and FX movement on AUD)
- **Employee Benefits** impacted by timing of payroll and vacation
- **Contract Liabilities** deposits and pre-payments by customers, mainly Hologic IP agreement.
- **Net Assets** includes capital raise during the 1H FY25

(US\$ in thousands)

Cashflow Summary – 1H FY25

Closing cash \$5.5m - well supported capital raise

Six months ended 31 Dec	1H FY25	1H FY24	+/-
Receipts from customers	3,009	2,438	+571
Payments to suppliers & employees	(9,158)	(7,401)	-1,757
Proceeds from grants	94	471	-377
Net interest received / (paid)	(261)	(349)	+88
Cash used in operating activities	(6,316)	(4,841)	-1,475
Payments for PP&E	(17)	(9)	-8
Capitalised product development	-	(9)	+9
Investing activities	(17)	(18)	+1
Proceeds from issue of shares (net of costs)	6,222	4,999	+1,223
Redemption of convertible notes	-	(1,110)	+1,110
Lease payments	(438)	(679)	+241
Financing activities	5,784	3,210	+2,574
Net decrease in cash	(549)	(1,649)	+1,100
Opening cash	6,479	3,015	+3,464
Effects of FX movement on cash	(398)	13	-411
Closing cash	5,532	1,379	+4,153

(US\$ in thousands)

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- **Receipts from customers** at \$3.0m, is lower than revenue reported mainly due to recognising revenue on Hologic IP agreement (cash received in FY24) and accrued revenue on Hologic development agreement (monthly accrual v's cash received on milestone achievement)
- **Payments to suppliers & employees** at \$9.2m, increased by \$1.8m, 24%, from the PCP. Main movements are FebriDx CLIA waiver trial costs and working capital (mostly inventory increase for flu season)
- **Cash burn total cash** usage for the HY is \$6.8m v's \$5.5m in prior HY (operating + investing + lease payments). Increase due to expenses on FebriDx CLIA waiver trial costs (where costs are refunded in arrears by BARDA) and additional inventory.
- **Capital raise** in Sept 2024 - \$6.2m (net of costs)
- **FX movement** on AUD held was negative \$0.4m
- **Closing cash** as at 31 December 2024 of \$5.5m (pro-forma \$6.4m including \$0.9m from BARDA collected in January 2025)



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