Lumos Diagnostics Holdings Limited
Investor Briefing

16 July 2025

Financial information is shown in USD unless otherwise stated.

www.lumosdiagnostics.com

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Today's presenters

Doug Ward
CEO & Managing Director
Lumos Diagnostics

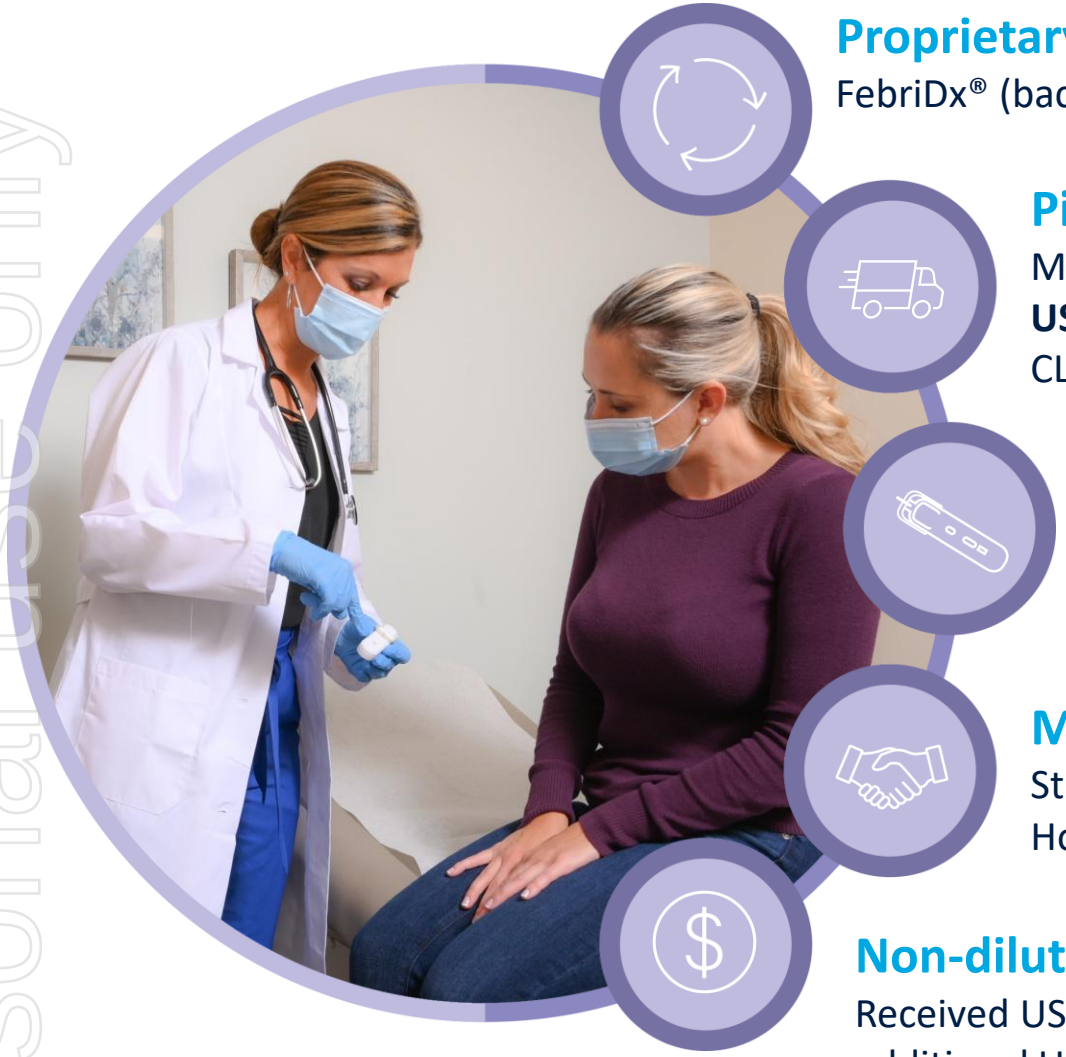
Barrie Lambert
Chief Financial Officer
Lumos Diagnostics

Paul Kase
SVP of Commercial Operations
Lumos Diagnostics

Bob Gergen
VP of Commercial Operations
PHASE Scientific

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

Investment highlights



Proprietary product

FebriDx® (bacterial v non-bacterial test) generating sales in market

Pivotal distribution contract

Major agreement signed with PHASE Scientific for the U.S. market - up to **US$317 million (A$487 million[1])** over 6 years,[2] assuming FebriDx® granted CLIA waiver and minimum order quantities (MOQ's) are achieved

CLIA waiver study

Progressing well - FDA CLIA waiver application submission expected within three months

Major services agreement

Strategic relationship with U.S. based women's health leader, Hologic to develop next-gen fFN test

Non-dilutive funding

Received US$15.6 million in non-dilutive funding in the last 2 years and an additional US$7.1 million committed under BARDA partnership.

1. AUD : USD = 0.651 as at 15 July 2025 | 2. Subject to granting of CLIA waiver for FebriDx®. Without CLIA waiver contract size is estimated to be up to US$25.0 million.

PHASE Scientific partnership

A pivotal agreement - one of the largest distribution deals of its type to be done by an ASX-listed point of care diagnostics company

Exclusive U.S. distribution agreement signed for FebriDx® with PHASE Scientific International

Partnership potential - up to **US$317 million (A$487 million[1])** over 6 years,[2] assuming FebriDx® is granted CLIA waiver and minimum order quantities (MOQ's) are achieved

PHASE Scientific **MOQ's to ramp up significantly** from years 2 through to 6 of the agreement.

1. AUD : USD = 0.651 as at 15 July 2025 | 2. Subject to granting of CLIA waiver for FebriDx®. Without CLIA waiver contract size is estimated to be up to US$25.0 million.

PHASE Scientific exclusive FebriDx® U.S. distribution agreement

Summary of anticipated payments (US$)

Milestones	Payment Timing	With CLIA waiver
Exclusivity fee	On signing	1.0m
Pre-paid purchase order	On signing	1.0m
Pre-paid purchase order	On CLIA waiver application submission	1.5m
Prep-paid purchase commitment	On grant of CLIA waiver	5.0m
Aggregated minimum order quantities (Yrs 2-6)	On delivery of product	308.5m
Total		**317.0m**

Summary of key terms

- Six-year term, with option to extend
- Exclusive rights to distribute and commercialise FebriDx® under the Lumos brand in the U.S.
- Possible co-branding at a later date
- Lumos retains all IP rights, manufacturing, quality control and product compliance
- Initial contract value of up to US$317 million - assuming CLIA waiver is granted and all MOQ's are achieved.
- Contract value without grant of CLIA waiver up to US$25.0 million
- Regular business reviews to assess performance
- At three years after granting of CLIA waiver – modify commercial terms if the MOQ's are not achieved or modify the terms after good faith discussions.

About FebriDx®: Lumos' first-of-its-kind point of care test

FebriDx® is an aid for healthcare providers to improve patient care and antibiotic stewardship

- The majority of acute respiratory infections are caused by viruses and do not require antibiotics, yet antibiotics are prescribed in up to 50% of cases[1]
- Overprescription of antibiotics can result in adverse patient reactions and contribute to antimicrobial drug resistance
- FebriDx® is a rapid point-of-care test that uses a fingerstick blood sample to aid in the differentiation between bacterial and non-bacterial infections
- Rapid results at point of care can increase confidence in whether or not to prescribe an antibiotic.

1. Centers for Disease Control and Prevention (CDC). Measuring Outpatient Antibiotic Prescribing. Updated Oct 2022. Accessed Feb 2024, https://www.cdc.gov/antibiotic-use/data/outpatient-prescribing/index.html

FebriDx® addresses a major need: antibiotic overprescription

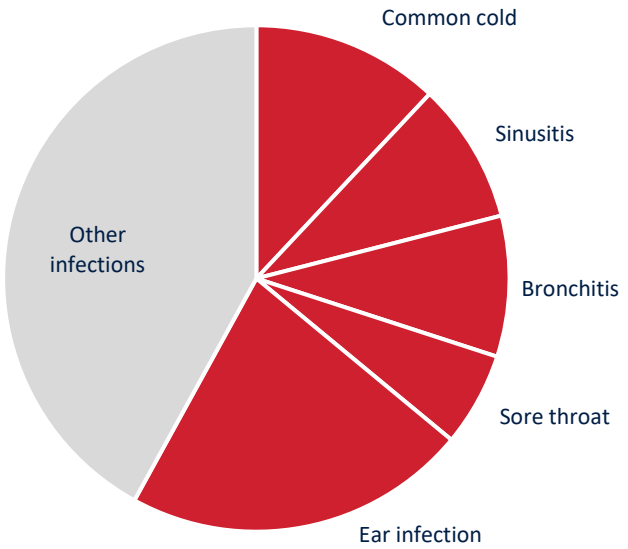
ANTIBIOTICS PRESCRIBED (U.S.)

211M antibiotic prescriptions issued in outpatient settings each year [1]

44% of antibiotic prescriptions are written to treat patients with ARIs [2]

40% of these are unnecessary [3]

ANTIBIOTICS PRESCRIBED IN THE U.S. BY TYPE



Acute respiratory infections may account for

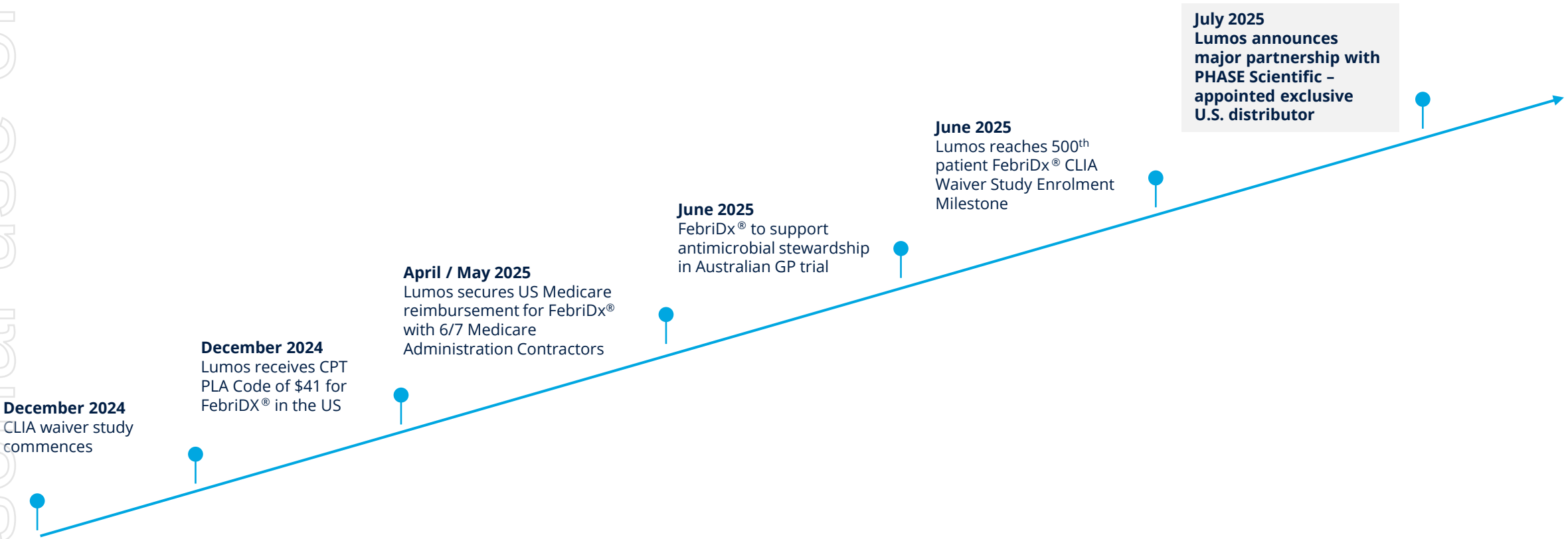
58%

of all antibiotics prescribed [4]

[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
[3] Tse, 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

FebriDx® journey to transform the practice of medicine

Recent achievements forming the critical commercialisation backbone for FebriDx®



FebriDx® CLIA waiver study update

BARDA partnership agreement announced in October 2024

- BARDA partnership agreement: non-dilutive funding up to US$8.3 million committed to support CLIA waiver and pediatric studies

CLIA waiver clinical study commenced in December 2024

- The CLIA waiver study is designed to demonstrate that the FebriDx® test is simple to perform with a low risk of erroneous results when performed by untrained users in expanded user settings

CLIA waiver study update as at 9 July 2025

- 105 bacterial positive patients have been enrolled to-date out of the targeted 120 bacterial-positive patient results required for the study
- At the current accrual rate, study completion anticipated during August
- FDA CLIA waiver application expected to be submitted within the next three months.

FebriDx® market opportunity in the U.S. > $1 Billion

A CLIA waiver grant enables facilities (e.g., physician offices, stand alone urgent care centers) to perform diagnostics without laboratory oversight

MODERATE COMPLEXITY LIMITATION

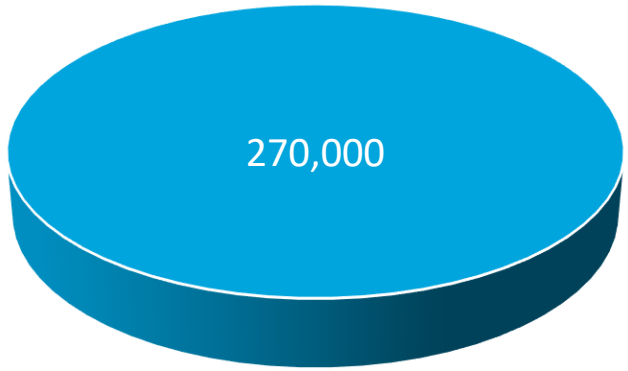
Potential U.S. customer sites

Moderate complexity settings ~7% (5.6 million patient interactions)

15x

CLIA WAIVER EXPANDS ADDRESSABLE MARKET

Potential U.S. customer sites



CLIA waiver enables 100% market coverage (80 million patient interactions)

Acute respiratory infections in U.S. annually: 80 million (potential FebriDx® patient opportunities for use)[1]

[1] Division of Clinical Laboratory Improvement and Quality Centers for Medicare & Medicaid Services, March 2024 (CMS CLIA Data base)

Why partner with PHASE Scientific?

Expertise and understanding of the POC market in the U.S.

Highly regarded, well respected commercial leadership

Financial commitment to a robust go-to-market launch for FebriDx®

Strong network of sub- distributors and end user customers.

Our Approach

Better health information helps better decision-making, for both patients and healthcare providers

Introducing PHASE Scientific

- Operations in the U.S., mainland China, and Hong Kong
- Delivering novel diagnostic tools and services for cancer and infectious diseases using proprietary technologies
- Products/services: received certifications from the U.S. Food and Drug Administration (FDA), the European Union CE, and regulatory agencies in various countries, providing over 100 million testing products and services in more than 30 countries worldwide
- Recently completed a US$34 million Series A funding round
  - Largest Series A raise in Asia's diagnostic technology sector since 2019
- Other supporters include Gates Foundation, and U.S. governmental agencies, National Science Foundation and National Institute of Health.

For more information visit phasescientific.com

PHASE Scientific commercial strategy

Contract with National and Regional Med Surg Distributors (3,000+ sales reps)

Continue to deploy contract sales group MedPro Partners (60 sales reps)

Sales strategy with current PHASE call points:

- 10 direct sales personnel: Urgent Care, Student Health, Retail Health, Worksite Health and targeted alternate markets
- Distribution: Physician Office Lab market
- Inside sales

Target existing and under- penetrated segments, innovators, early adopters, high volume users and opinion leaders:

- Sustain and expand Lumos' commercial footprint and market impact
- Leverage INDICAID customers to drive FebriDx® utilization and adoption

Marketing: Customer–first messaging:

- Focus on "why it matters" for the end users (patients, providers, pharmacists)
- Proof through people: Case studies, testimonials, behind-the-scenes scientist/KOL spotlights
- Multi-channel narrative: Consistent voice across packaging, social media, sell sheets, landing pages/ website.

Key Priorities

Complete CLIA waiver study and submit application to FDA

Implement agreement with PHASE Scientific, drive reimbursement coverage, and plan for volume scale-up.

Initiate the BARDA paediatric study in coming months - addresses important clinical market and expands U.S. market by approx. 20%

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

LUMOS DIAGNOSTICS

Coming roadshow dates:

21 July 2025	Brisbane
22 - 23 July 2025	Sydney
24 July 2025	Melbourne

For more information or to arrange a meeting, please contact:

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