

**Investor Day** 

**September 24, 2025** 



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This presentation includes references to certain financial measures that are not calculated in accordance with GAAP. Reconciliation to the most directly comparable GAAP financial measure may be found in the earnings release furnished to the SEC. We define our non-GAAP measures as the applicable GAAP measure adjusted for the impacts of stock-based compensation and related employer payroll tax payments, contingent consideration, amortization of intangible assets, unrealized gains and losses on marketable equity securities, impairment of non-marketable equity securities, gain on extinguishment of convertible notes, and other non-recurring items. Free cash flow is defined as net cash used in operating activities in the period less purchases of property and equipment in the period.



### Agenda

9:00	Conquering cancer with data	Helmy Eltoukhy, PhD Co-CEO & AmirAli Talasaz, PhD Co-CEO
9:20	Innovation is at our core	Darya Chudova, PhD Chief Technology Officer
9:40	Clinical insights powered by real-world data	Craig Eagle, MD Chief Medical Officer
9:55	Creating a new cancer paradigm	Helmy Eltoukhy, PhD Co-CEO
10:30	Leading commercial engine for oncology	Chris Freeman, Ed.D. Chief Commercial Officer, Oncology
10:45	Biopharma shaping standard of care	Jaime Boyle SVP Biopharma
11:00	15-minute Break	
11:15	The future of cancer screening is now	AmirAli Talasaz, PhD Co-CEO & Stephen Murphy SVP Screening Marketing
11:50	Accelerating growth and path to profitability	Mike Bell Chief Financial Officer
12:05	Delivering on our promise to patients	Helmy Eltoukhy, PhD Co-CEO & AmirAli Talasaz, PhD Co-CEO
12:15	Q&A	
1:00	Lunch & networking	





Helmy Eltoukhy, PhD co-Chief Executive Officer, co-Founder & Chair

## Conquering cancer with data

AmirAli Talasaz, PhD co-Chief Executive Officer & co-Founder





### ( GUARDANT

On a mission to guard wellness and give every person more time free from disease

#### INVESTOR 20 DAY 25

#### What makes Guardant different

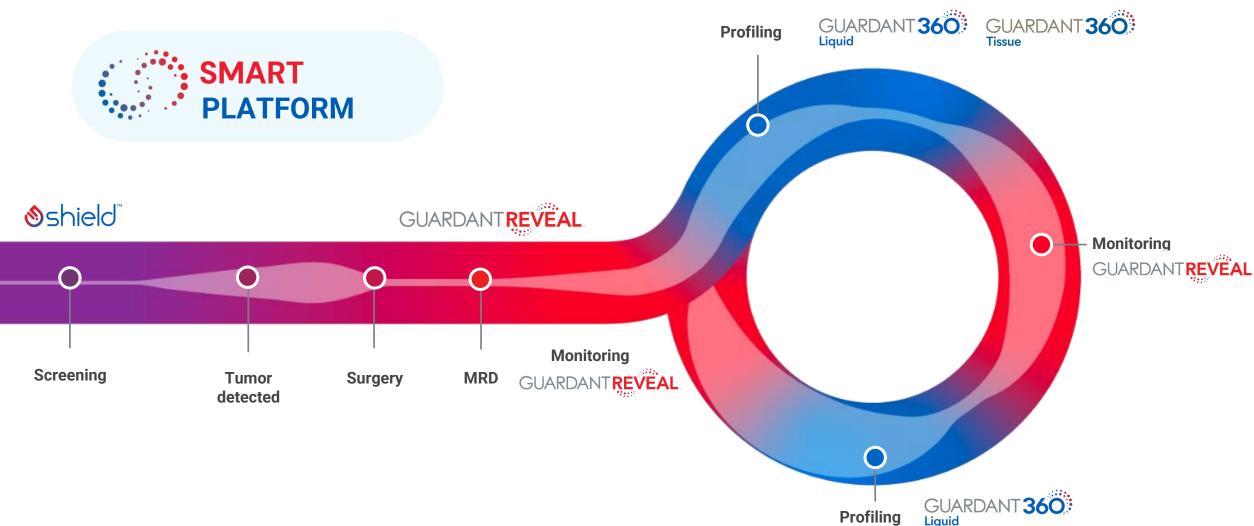






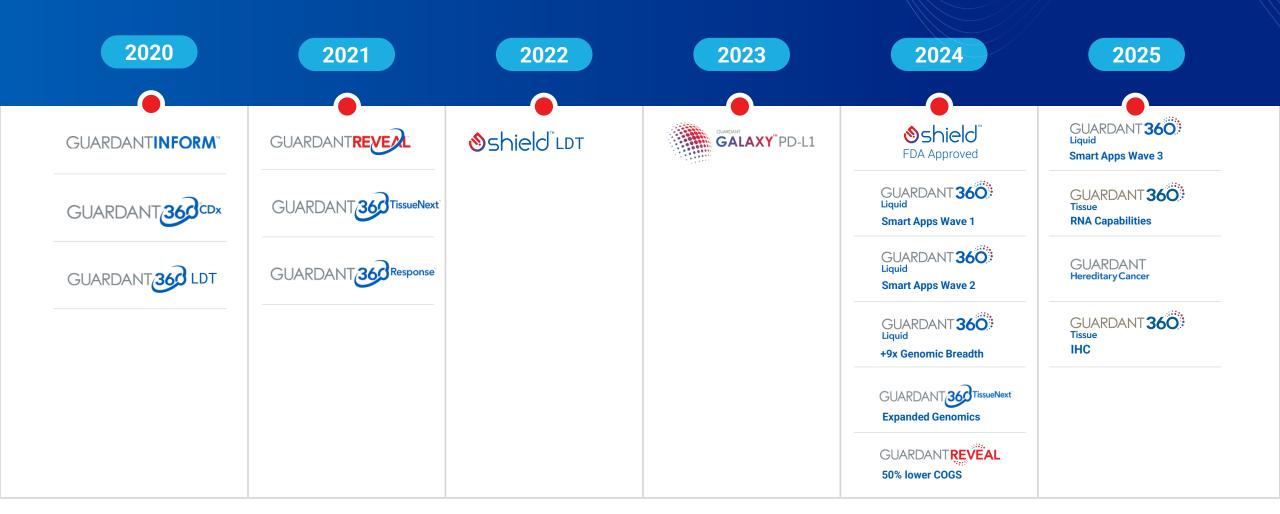


### One platform for the entire patient journey





### Innovation fueling new products and major upgrades





#### The future of cancer screening is now



**Expanding Shield to include multi-cancer detection** 

**BROADLY AVAILABLE IN OCTOBER** 



### The driving force behind our success is our team

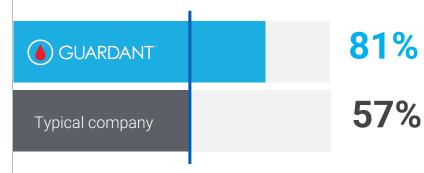




**Great** Place

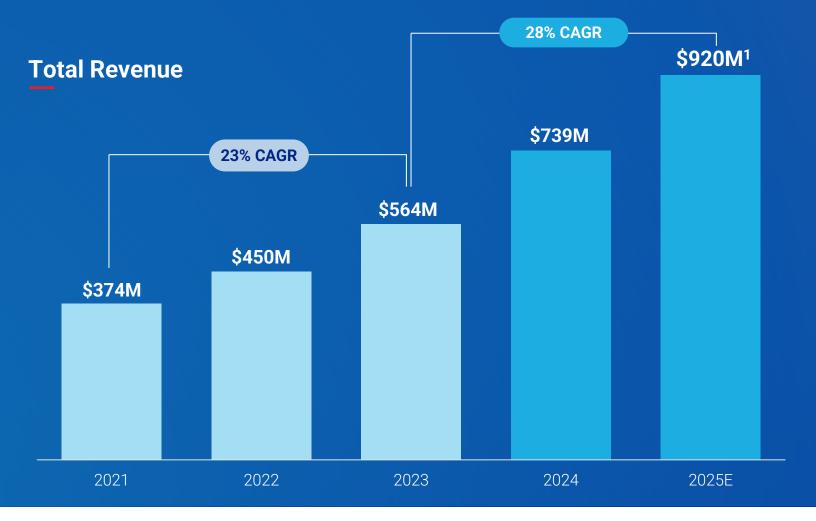
То

**81%** of employees at **Guardant Health** say it's a great place to work compared to **57%** of employees at a **typical US-based company** 





### Expanded product offering coupled with operational excellence is accelerating our revenue growth





### Major accomplishments since Investor Day 2023

#### **ONCOLOGY**

Smart Platform paradigm shift

#### Therapy Selection

- Launch of Guardant360 Liquid on Smart Platform and updated Medicare pricing to \$5,000
- Launch of Guardant360 Tissue
- Multiple waves of Smart Apps launched on Guardant360 Liquid

#### **MRD**

- CMS coverage for Reveal CRC surveillance
- Reveal 50% reduction in COGS
- Reveal Breast and IO submissions to MoIDx

#### **SCREENING**

Created a new category of test

#### CRC

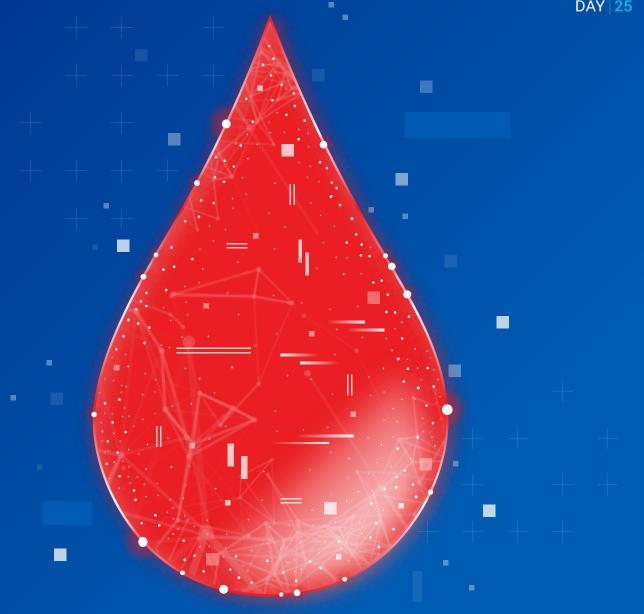
- Shield CRC FDA approval with primary label
- Shield ADLT pricing of \$1,495
- On track to be most successful Dx launch<sup>1</sup>

**Completed transition to Smart Platform across portfolio** 



# Largest blood biobank of its kind

### >1 M Patient Samples





1 Exabyte of Data

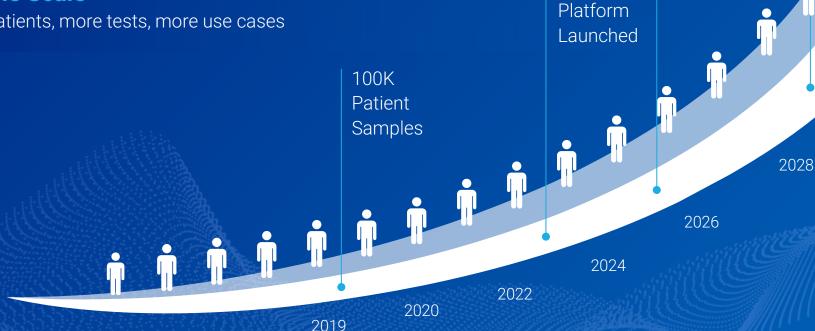
### Exponential data growth powering our InfinityAl learning engine



Multi-modal, longitudinal, EMR

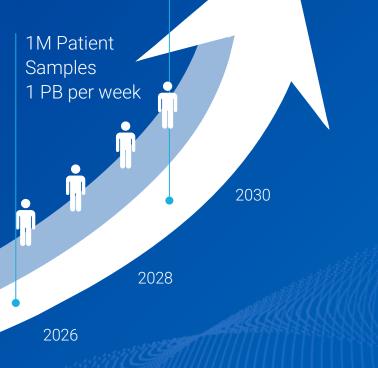
#### **Volume Scale**

More patients, more tests, more use cases



2019

Smart



### InfinityAl is accelerating innovation across the business

· >1,000,000

**PATIENT SAMPLES** 

>350,000

EPIGENETIC PROFILES

>100 TUMOR TYPES Genomics

Multi-modal

Claims

Longitudinal Data

EMR



Fueling a rich data ecosystem

Clinical insights

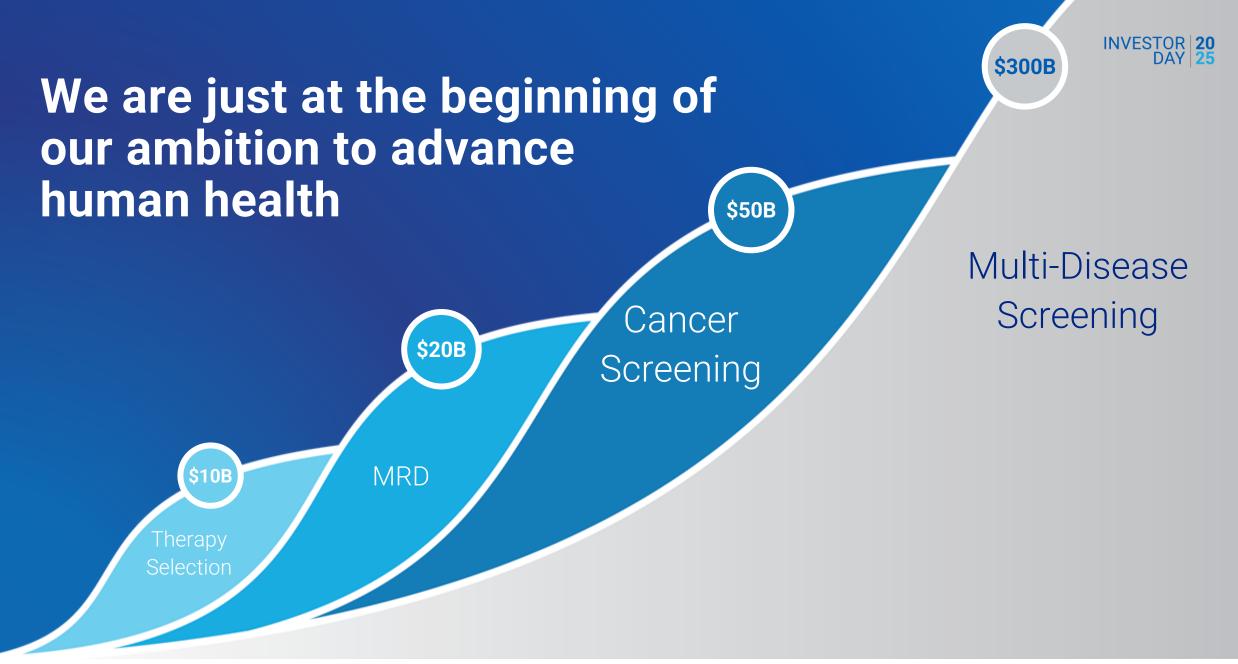
Biopharma applications

**Product innovation** 



Still just scratching the surface of unleashing the power of blood...







Smart Platform fueling best of breed innovation platform



Power of InfinityAl learning engine growing exponentially



**Oncology business acceleration** 



**Industry-leading Biopharma business** 



Shield is winning in blood-based screening



**Updated financial outlook** 



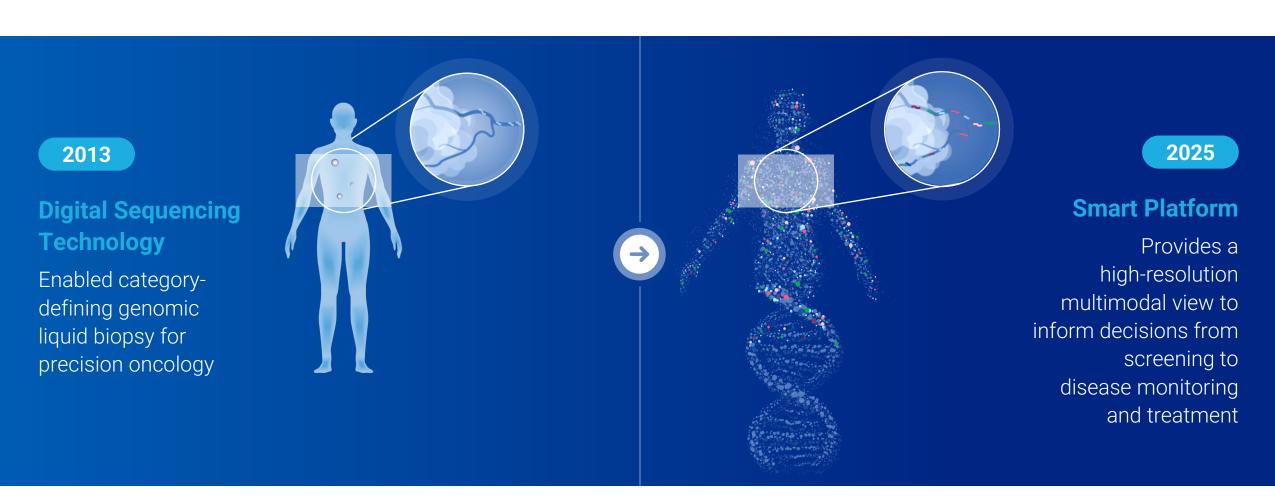


### Innovation is at our core

Darya Chudova, PhD
Chief Technology Officer



### Multimodal profiling with Smart Platform is at the core of our innovation





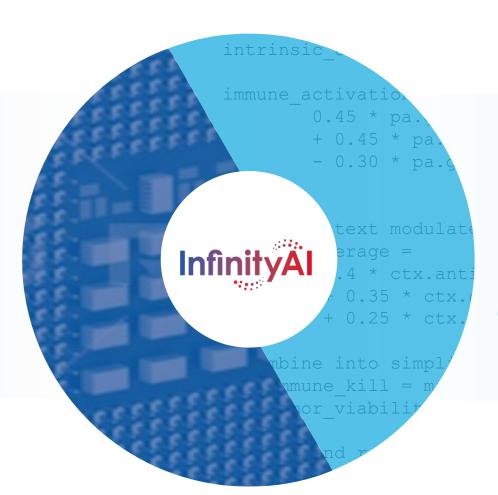


### Smart Platform: collecting rich multimodal data to reveal both structure and function





**TUMOR GENOTYPE** 

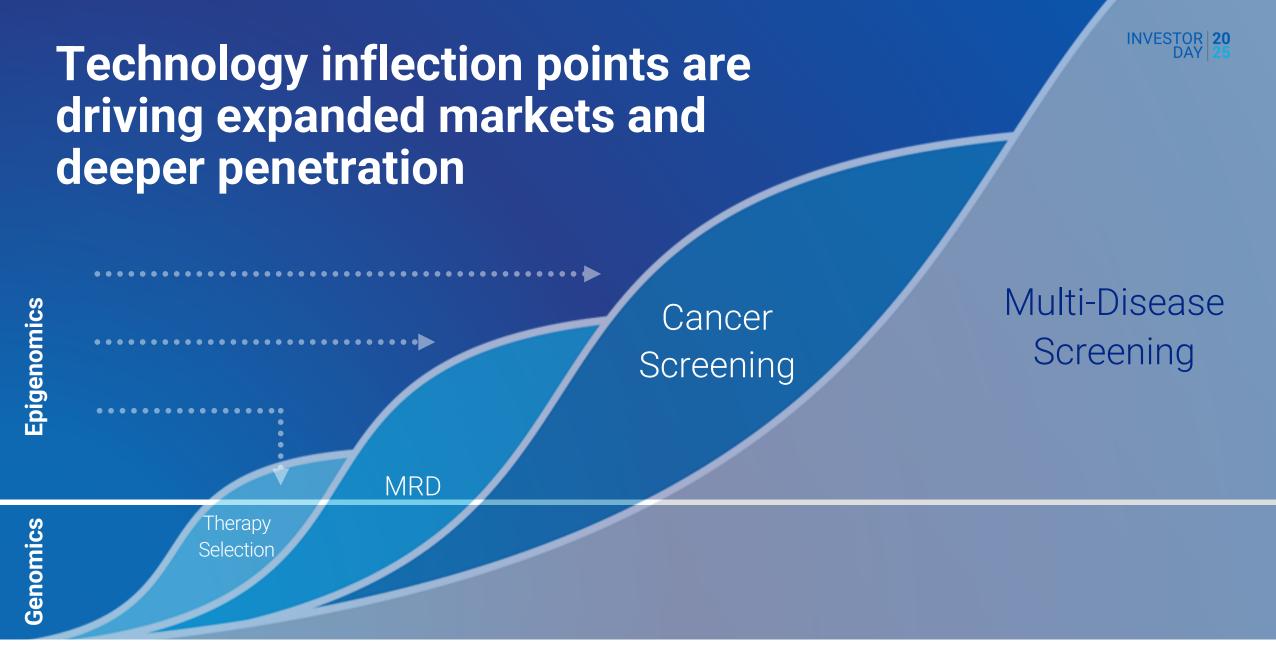


#### **EPIGENOMICS**



**TUMOR PHENOTYPE** 

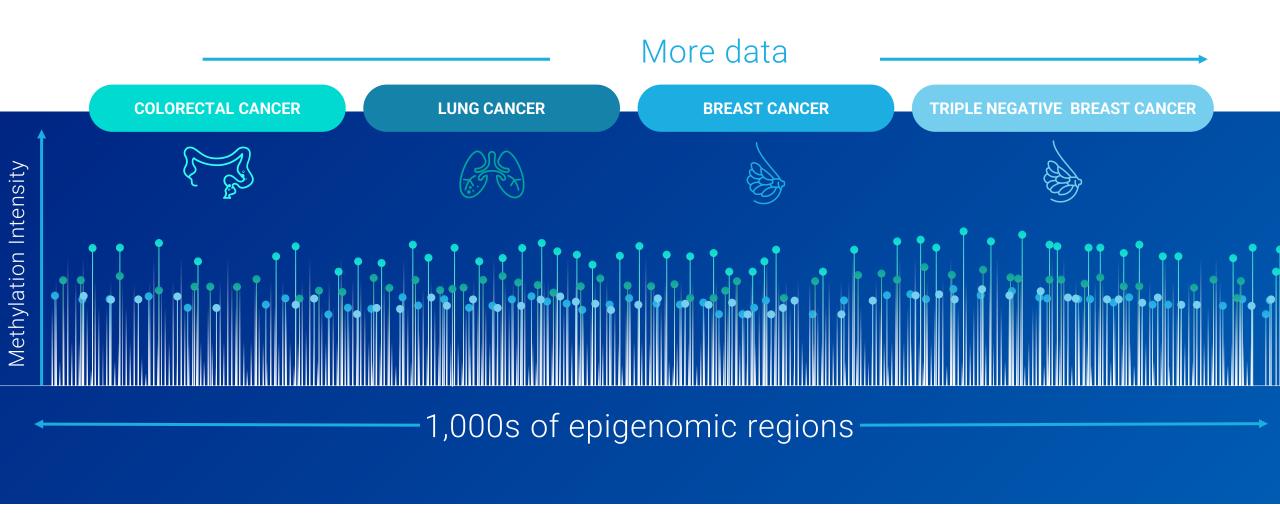








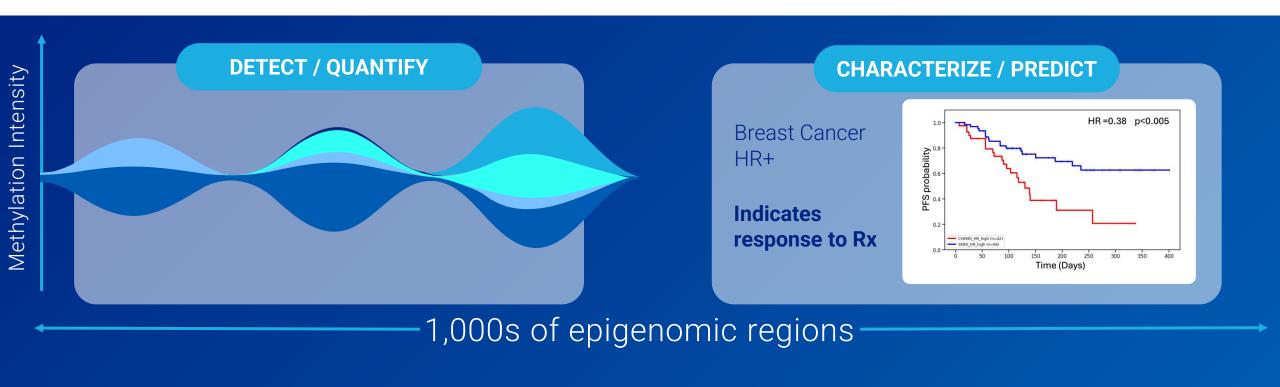
### Signal decoding using Smart Platform and InfinityAl







### Signal decoding using Smart Platform and InfinityAl





#### Smart Platform: a decade of compound innovation

#### Our unique chemistry

- Single-sample genomic and epigenomic read-out without sacrificing quality
- Non-destructive methylation chemistry: maximize true signal
- Background depletion: minimize noise and stretch sequencing power

#### **Next-gen automation**

- Continuous flow processing, smaller footprint, less hands-on time
- Al-ready to streamline production and scale support

**800+** Total Guardant Health Patents & Patent Applications





### In the last two years, Guardant products have transitioned to the Smart Platform





### Assay-driven innovation brings maximum insights from minimal tissue volumes

### GUARDANT 360: Tissue

#### DNA

**Comprehensive Analysis** 

PD-L1

**Al-powered** 

**RNA** 

**Comprehensive Analysis** 

Methylation

**Genome-wide Coverage** 

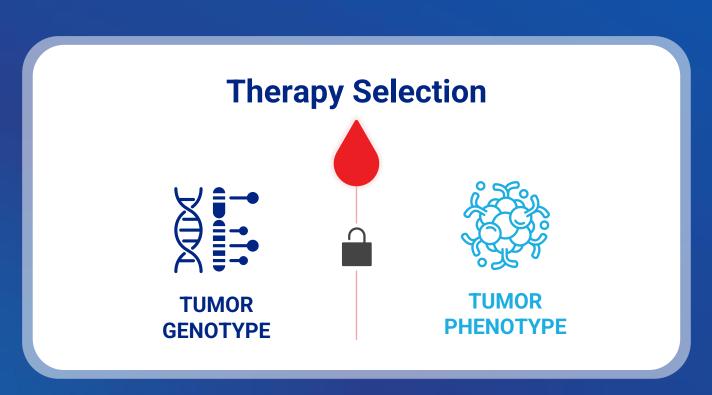
92% less surface area<sup>1</sup>

40% fewer slides<sup>2</sup>

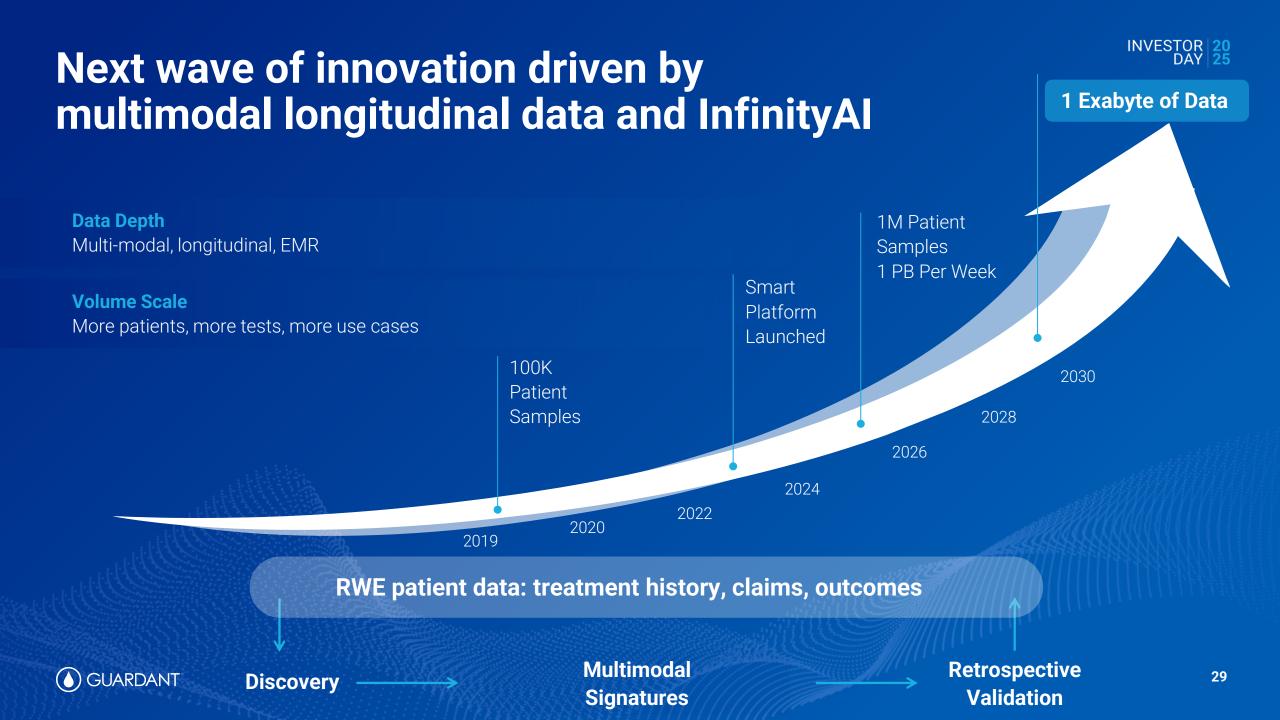


### Data-driven innovation unlocks capability to report tumor phenotype from liquid



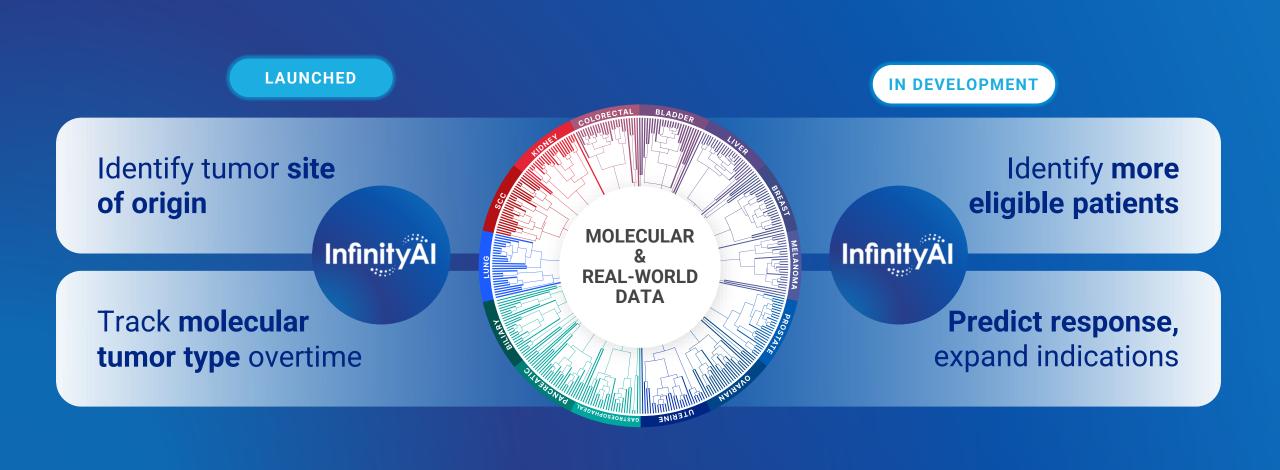








### Data and science are converging to provide new insights for therapy selection from liquid





#### **Identify tumor origin**

Clinical investigation does not always reveal tumor origin

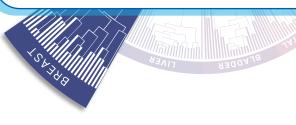
Smart Platform was trained on 10,000s of samples to decode site-of-origin from epigenomic patterns in blood

**LAUNCHED** 



**Case**: "Tissue NGS was quantity not sufficient, so no Cancer Type prediction tissue tests could be used. IHC was inconclusive. Guardant360 came back 100% biliary. He said this was immensely helpful for him in selecting 1L treatment for this patient."

Treating physician: "This is REALLY GOOD. This result truly makes a difference for this patient."







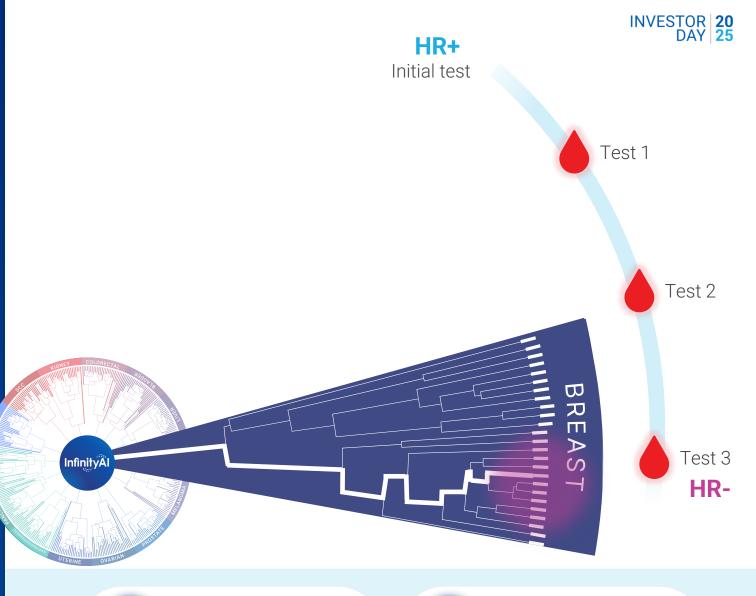
### Track molecular tumor type over time

Today, molecular types can only be identified by direct tissue analysis

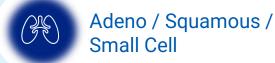
Smart Platform decodes molecular types from epigenomic patterns in blood

LAUNCHED









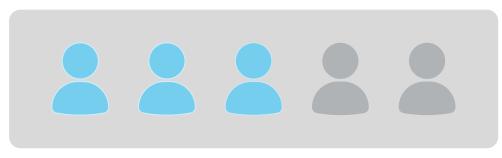
### Identifying more eligible patients

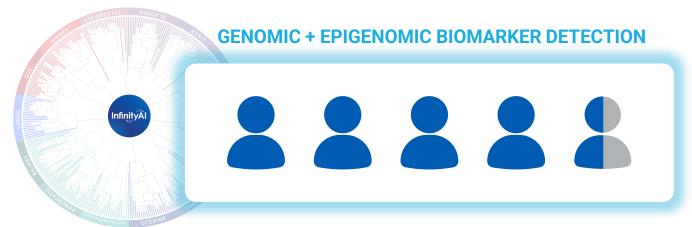
Our Smart Platform
identifies patients using
epigenomic signatures
that have been missed by
traditional genomic
analysis

**IN DEVELOPMENT** 



#### **GENOMIC BIOMARKER DETECTION**





42% of missed *ALK* fusions in NSCLC



2.4x more *MTAP* deletions pan-cancer

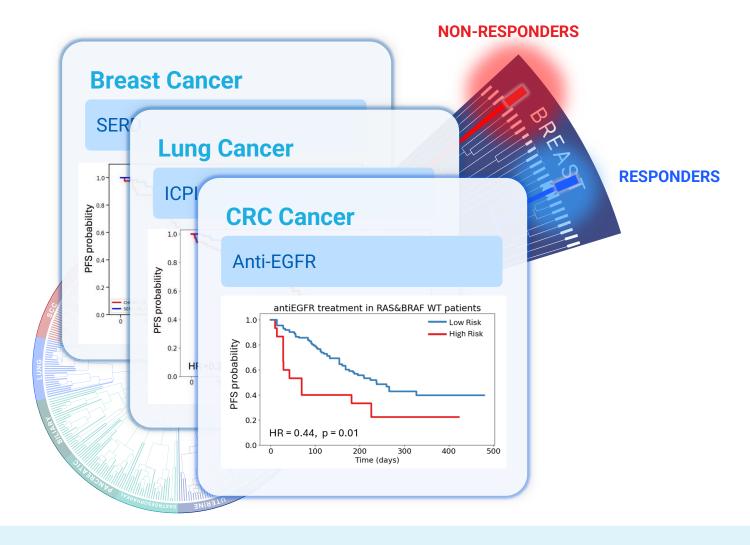
# Predict therapy response and expand indications

Richer information is needed to optimize treatment.

Smart Platform is discovering epigenomic predictive and/or prognostic signatures of therapy response

IN DEVELOPMENT









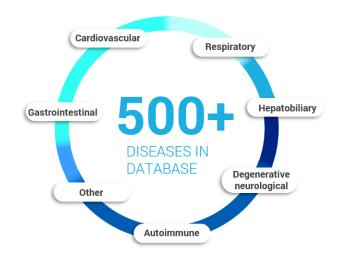


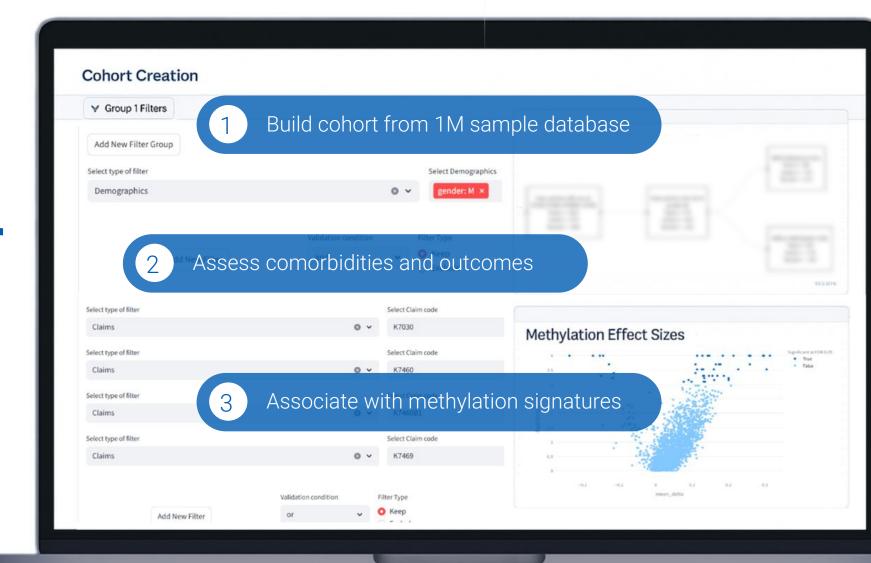
### Setting the standard for managing exabyte scale distributed data





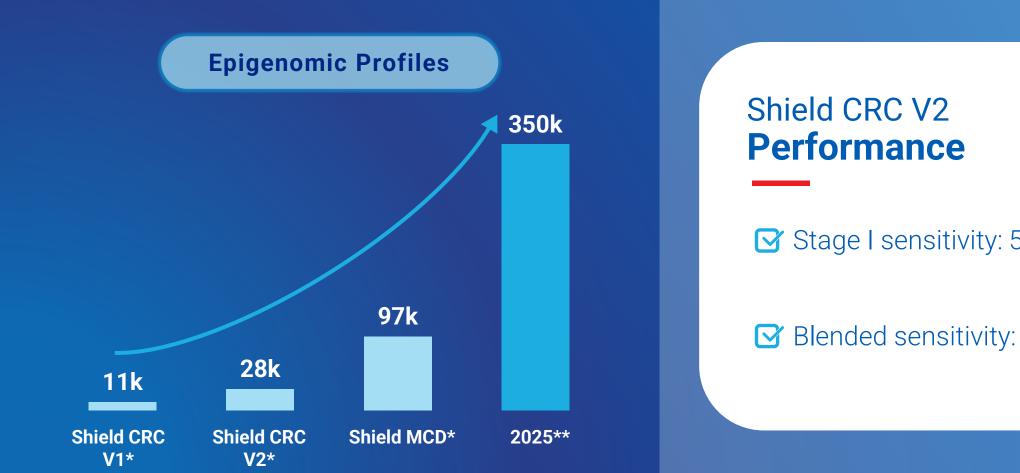
# InfinityAl brings capability to expand beyond cancer







### Shield: exponential epigenomic and real-world evidence data growth fuels future development



Stage I sensitivity: 55% → 62%

Blended sensitivity: 83% → 84%



## **Evaluating multimodal landscape to expand Smart Platform**

>25 pilot evaluations conducted

Richness of our biobank and power of data interpretation: maximally informative realworld pilots

### Multiomic Features

- proteins
- metabolomics
- exosomes
- miRNA
- mRNA
- cfRNA
- microbiome

### **Epigenomic Features**

- CpG site methylation
- hydroxy methylation
- chromatin regulation
- nucleosome positioning

### **Genomic Features**

- whole genome sequencing
- point mutations
- structural variants







**Smart Platform now fuels the portfolio.** Clinical products powered by genomic and epigenomic signals drive higher clinical value and higher performance



**Data-driven innovation.** Rich multi-modal data treasury creates a moat, and we are deploying InfinityAl to fuel powerful new wave of clinical applications



**Biobank to lead in early detection.** Leveraging our expansive biobank to explore new biomarker modalities that may further deconvolute early-stage cancer signals



**Expanding beyond cancer.** Exponential data growth and inflection in asymptomatic population enables novel signature development in multi-disease

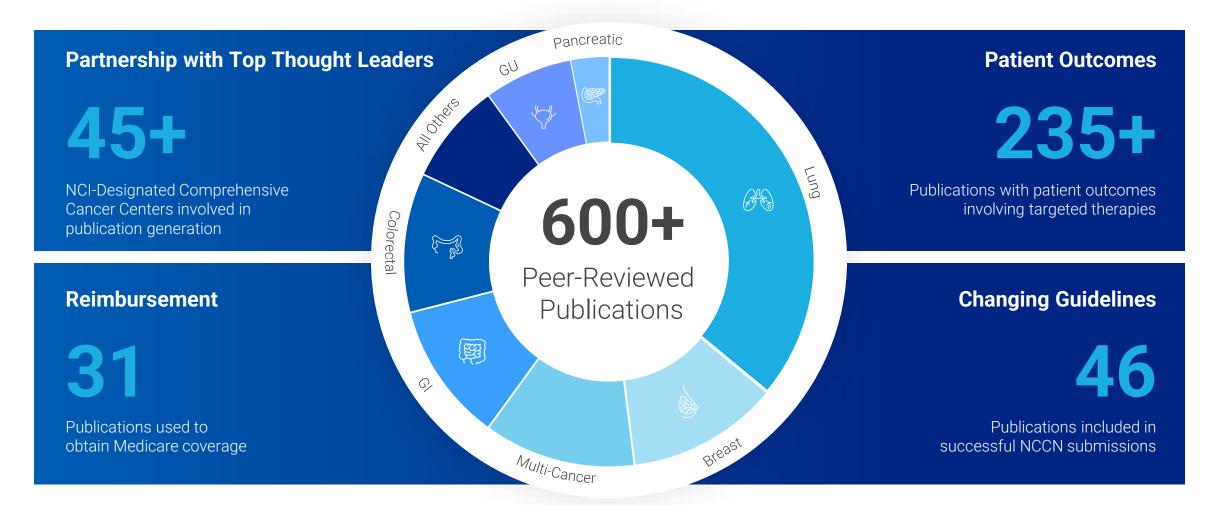


# Clinical insights powered by real-world data

Craig Eagle, MD
Chief Medical Officer



## Improving the future of cancer care through research partnerships and 600+ peer-reviewed publications





### Real-world data inflection unlocking incredible value

# Differentiated clinico-genomic and epigenomic data

- Claims data
- Congitudinal data
- Electronic medical records

**EMR** partnerships

**Industry-leading clinico-genomic database** 

Multiple time points in care journey

>1M

Unique patient samples

>350K

Smart epigenomic profiles

>100

Tumor Types





## Predict therapy response and expand indications through novel epigenomic signatures

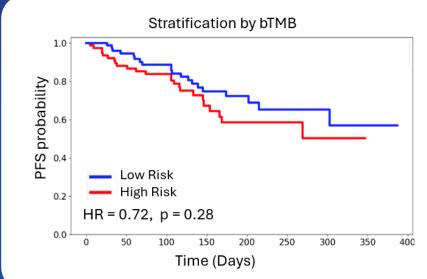


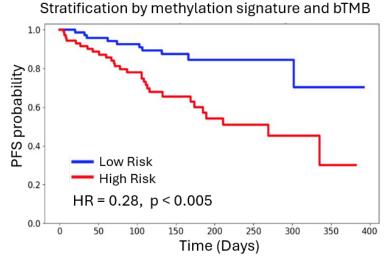


### Lung Cancer

Multimodal Signature of ICPI Response

Signature outperforms bTMB predicting ICPI response with 3x hazard ratio





## Predict therapy response and expand indications through novel epigenomic signatures

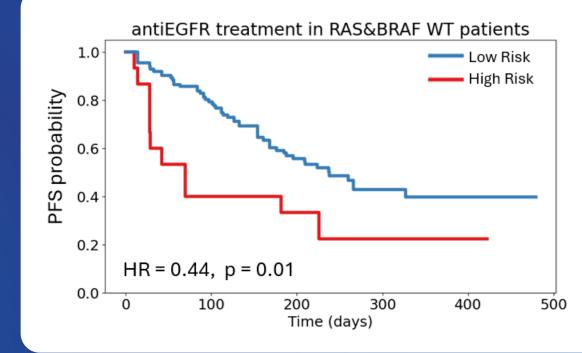




### Colon Cancer

Methylation Signature of anti-EGFR Response

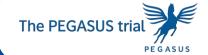
Signature predicts anti-EGFR therapy benefit beyond SoC criteria like tumor sidedness







## PEGASUS clinical utility study using tissue-free MRD guided adjuvant therapy





- Large, prospective multi-center chemotherapy de-escalation study
- Evaluates the use of Reveal to safely guidepost-surgical and post-adjuvant clinical management
- One of the first prospective clinical utility studies using tissue-free MRD



### Final results will be presented at ESMO 2025





### Real-world data inflection unlocking incredible value

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### Shield data for multi-cancer detection and cancer site of origin prediction













Esophageal

**Pancreatic** 



**75%** Overall Sensitivity (171/229)

99% Specificity (436/442)



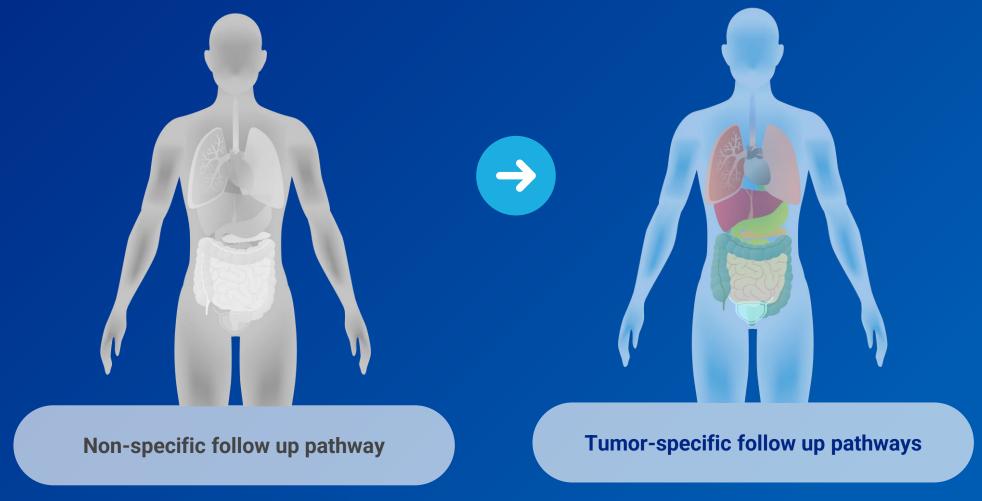
**53**% 92% Stage I/II Stage III/IV

92% Primary or Secondary CSO Accuracy



CRC

## Cancer site of origin is critical to define the follow up pathways for patients testing positive for multi-cancer



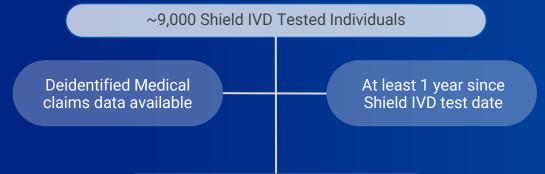


### INVESTOR 20 DAY 25

## Real-world validation studies represent a major strategic advantage



### **Shield real-world MCD study**



Shield MCD caller applied

Study Endpoints:

- ✓ Shield MCD PPV
- Shield MCD Specificity

### Unique advantages of this study design

- Saves years of development time
- Significant cost reduction
- Scalable to other diseases
- Enables rapid development and launch of new LDTs



#### INVESTOR 20 DAY 25

## New large-scale study of real-world data for Shield MCD shows strong performance



9,251

Individuals age 45+ who received Shield IVD

99%

Real-world specificity >1 year of clinical follow-up from test date with no diagnosis of cancer

41%

Positive predictive value (PPV) of Shield MCD for any solid tumor





### Real-world data inflection unlocking incredible value

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- Claims data
- Longitudinal data
- Electronic medical records

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>1M

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>100

Tumor Types





### Shield platform is driving a massive increase in data richness across human health





### **Applying Shield's capabilities to other diseases**

# Training Al models to see signals on other diseases

- Atherosclerotic CV disease
- Atopic Dermatitis
- Cardiovascular Disease
- Celiac Disease
- Chronic Hepatitis
- COPD
- Crohns Disease
- Diabetes
- Fibrosis and Cirrhosis of Liver
- Hepatic Failure

- Hypercholesterolemia
- Idiopathic Urticaria
- Neurodegenerative Disease
- Other Disease of Liver
- Other Liver Inflammatory Disease
- Psoriasis
- Rheumatoid Arthritis
- Severe Persistent Asthma
- Ulcerative Colitis
- Pre-Eclampsia / Eclampsia





**One-of-a-kind data moat.** Industry leading clinico-genomic database growing richer with epigenomics, multiple time points and EMR data



**InfinityAl is unlocking important new clinical applications.** Smart platform methylation signatures are more sensitive in predicting therapy response to ICPI and anti-EGFR



**New prospective MCD study design and data unveiled.** Real world Shield MCD study 9K patients shows strong performance of 41% PPV and 99% specificity



**Shield data collection initiative is a major differentiator.** Enables understanding of the impact of screening and provide opportunity for device improvement



**Opportunity to assess epigenomics results beyond cancer.** Database is collecting patient outcome in multiple diseases that can be combined with epigenomics from Shield



## Creating a new cancer care paradigm

Helmy Eltoukhy, PhD
Co-CEO, Co-founder and Chair



# Leader in therapy selection

Total U.S. Advanced Cancer Patients

GUARDANT 360:

GUARDANT 360°CDX

GUARDANT**360**:

\$10B

U.S. Addressable Market









### **DNA**

740+ biomarkers with variants detected at as low as 0.001% MAF<sup>1</sup>

### Methylation

**Genome-wide Coverage** 

7-Day

Turnaround time for fast treatment decisions<sup>2</sup>

### **FDA**

First Approved comprehensive liquid biopsy<sup>3</sup>

### 5 Days

Actionable results in 5 days<sup>2</sup>

### DNA

**Comprehensive Analysis** 

PD-L1

**Al-powered** 

### **RNA**

**Comprehensive Analysis** 

### Methylation

**Genome-wide Coverage** 



LIQUID

Majority of future CGP market growth will come from liquid testing

TISSUE \*\$3B
CGP Market
Today

patient per lifetime

We are the clear leader in Liquid CGP

~1 tissue/liquid test per

**TISSUE** 

\$10B Future CGP Market

Multiple liquid tests per patient per lifetime



Multiple layers of rich information contribute to every patient report

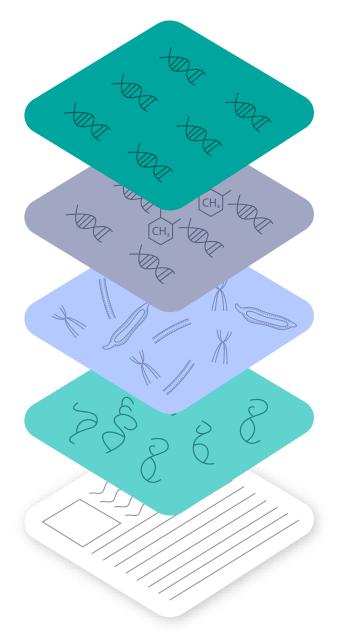
Genomics

**Epigenomics** 

Transcriptomics

Multi-modal

Real-world evidence





Multiple layers of rich information contribute to every patient report

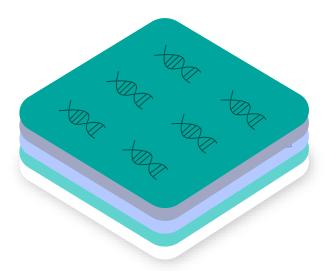
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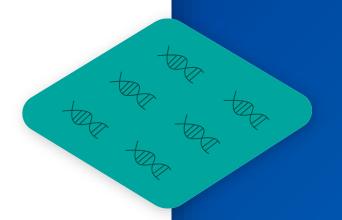
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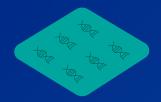
Real-world evidence





Smart Platform Application











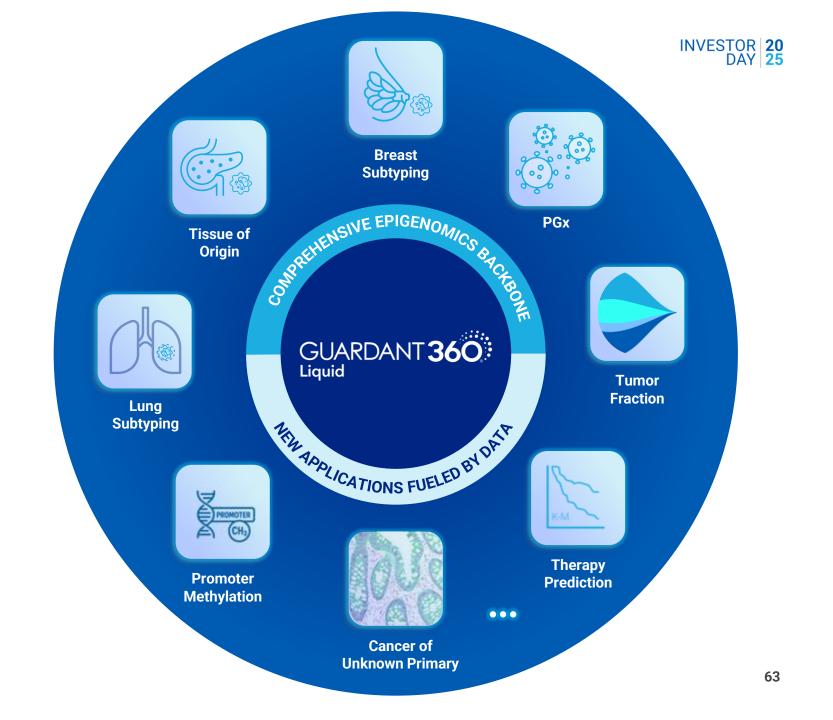




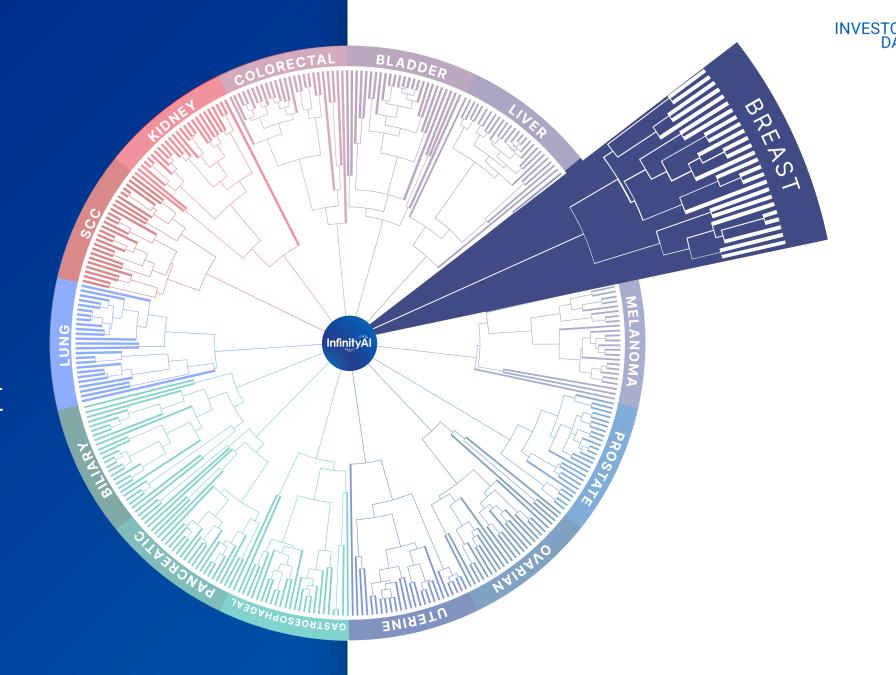




Multiple layers of rich information contribute to every patient report

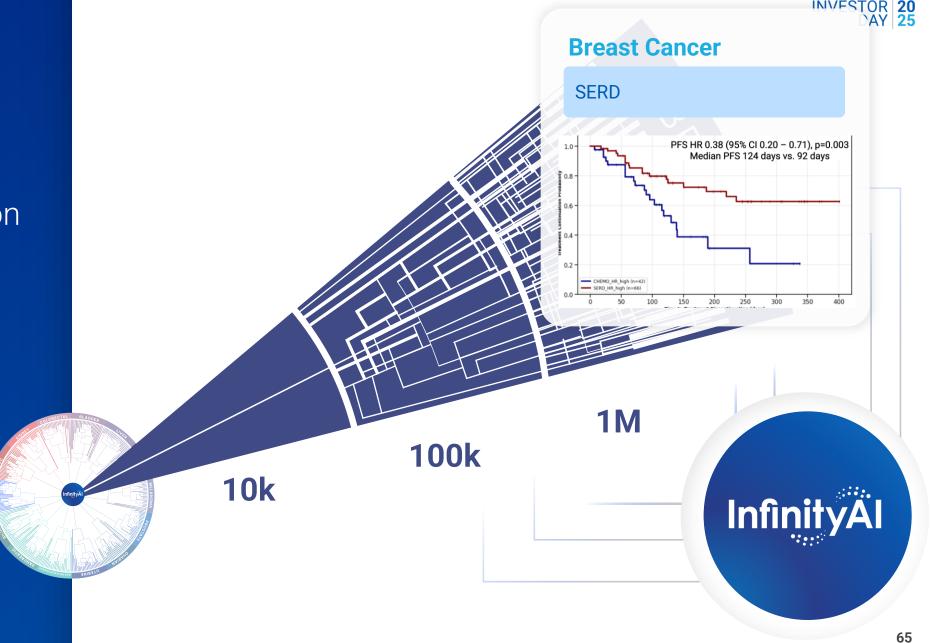


Data and science are converging to provide a new dimension to treatment selection





Data and science are converging to provide a new dimension to treatment selection





## Smart Platform applications supporting accelerating growth of Guardant360

Wave 1 - July 2024

Wave 2 - Late 2024

Wave 3 - May 2025

Wave 4 ...

**INTRODUCTION OF SLB** 

**3 NEW APPS** 

11 NEW APPS



MRD-Level Tumor Fraction

Quantification

Promoter Methylation

Next-gen CHIP Filtration

Tumor Fraction Enhancements

Cancer of Unknown Primary\*

Lung Subtyping

PGx

**HLA Genotyping** 

**Breast Subtyping** 

**Negative Prediction** 

Viral Status\*

Genomic Instability\*

### MANY MORE APPS TO COME

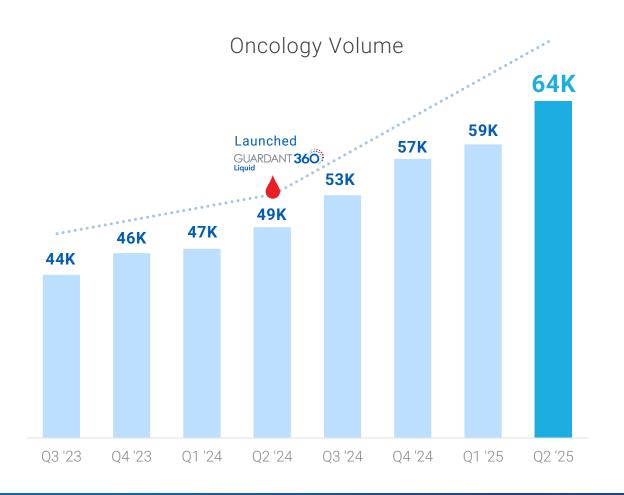
Deletion Epigenotyping

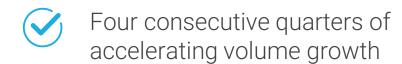
Fusion Epigenotyping

Efficacy Prediction for ICPI



## Guardant360 driving years of extremely robust volume growth





- Upgrade to Smart Platform and a steady cadence of new applications
- Product upgrade and applications are unlocking greater clinical utility and driving share gains

## Groundbreaking SERENA-6 study could potentially unlock meaningful Guardant360 volume

First monitoring (~3x per year) application for Guardant360



Exceptional response from KOLs at ASCO 2025



~40,000 patient prevalence in the U.S.<sup>1</sup>



Potential driver of significant incremental Guardant360 revenue







Using liquid biopsy to enable switch to a new treatment upon emergence of a resistance mutation



### **⊘** Submitted for PMA

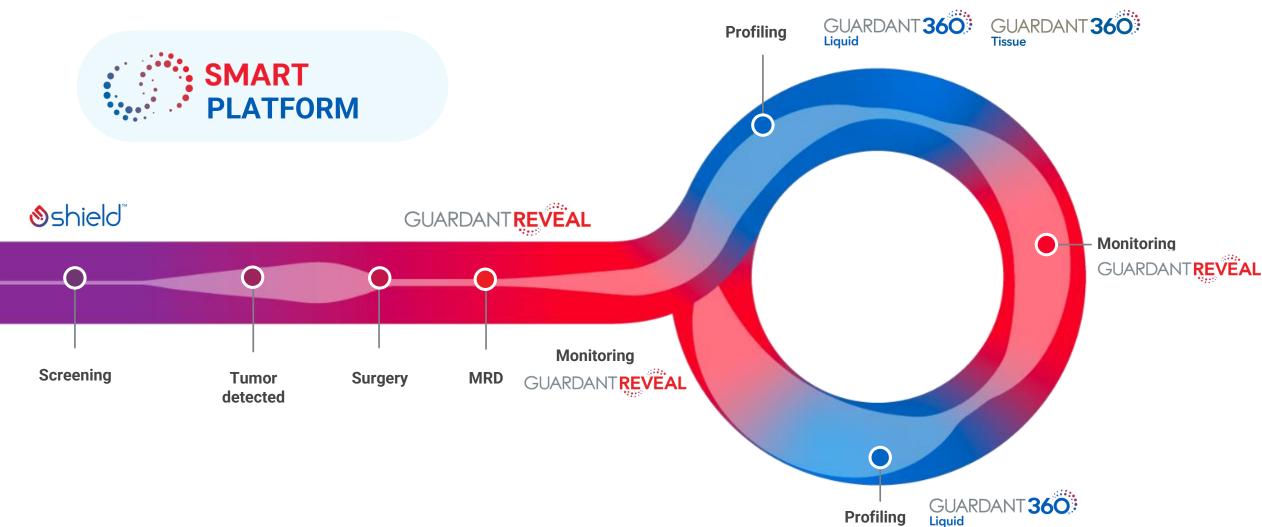
# GUARDANT 360: Liquid

- Mighest level of regulatory approval for our flagship test
- Further accelerates market adoption
- Paves the way for potential price increase with ADLT





### One testing platform for the entire patient journey





# Leader in tissue-free MRD

18 M
Total U.S. Patients

GUARDANTREVEAL

\$20B

Total U.S. Addressable Market



## Large portion of the growing MRD market can only be addressed by tissue-free

Total U.S. cancer patients

18M

Patients greater than 5 years out from surgery

12M+

Of cancer population can only be addressed with tissue-free



Of 18M patients are tested today







Most validated and highest performance tissue-free solution available

TISSUE-FREE

**MRD** detection

50 PPM

Limit of detection to maximize sensitivity

## TUMOR FRACTION

Based on methylation to accurately quantify disease burden

5-DAY

Turnaround time for timely adjuvant decision making



## Operational execution unlocking Reveal inflection







## **CRC surveillance** reimbursement

Covered in the CRC surveillance setting after curative intent treatment for stages I-IV

Medicare reimbursement rate of \$1,644 per test

## ASP Improvement

Significant step up in ASP for Reveal

ASP of \$600 - \$700 as of Q2 2025

On track to reach target of \$1,000 ASP by 2028

## **COGS Reduction**

Reduced COGS per test by >50%

Expect COGS per test for Reveal to be ~\$500 for FY 2025



#### VOLUME ACCELERATION



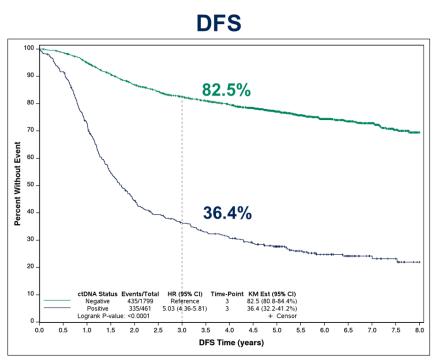






# Largest MRD study of Stage III colon cancer to-date reported at ASCO 2025

#### NCCTG N0147 Trial<sup>1</sup>



Adjusted HR (95% CI): 3.74 (3.18 - 4.39), p < 0.0001



Data from this study "support the routine use of ctDNA testing in the management of stage III colon cancer given the ability to further refine risk of recurrence and death beyond TNM stage"

Additional clinical utility data at ESMO 2025









#### Submitted breast cancer data package to MolDx for Medicare reimbursement

LIBERATE STUDY<sup>1</sup>



WUSTL STUDY<sup>2</sup>



100%

**Sensitivity** for distant recurrence in patients with ER+/HER2- breast cancer

**Specificity** 

**Positive predictive value** for relapse

Sensitivity

Distant recurrence

83% 99.5%

Specificity

Sample-level

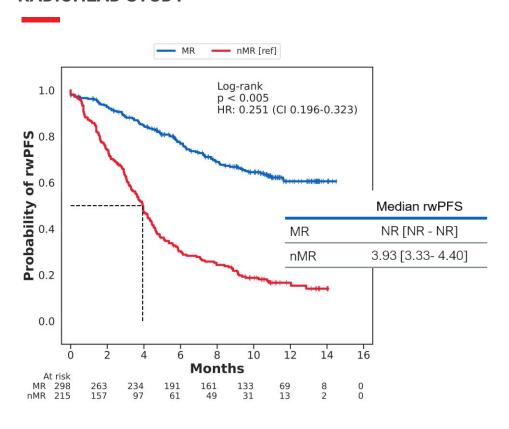


First publication utilizing Reveal on Smart Liquid Biopsy platform with early-stage (stage II-III) triplenegative breast cancer (TNBC) patients



### **Reveal IO monitoring submitted to MolDx**

#### RADIOHEAD STUDY<sup>1</sup>





Identified non-responders more than **three months before disease progression was visible** on standard imaging

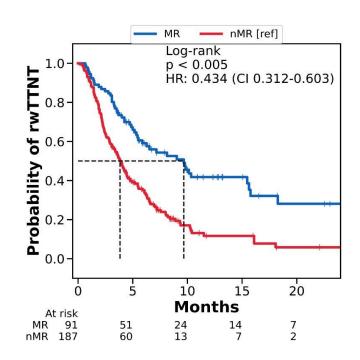
Identified a **strong decrease in tumor fraction** that was very strongly associated with improved patient outcomes



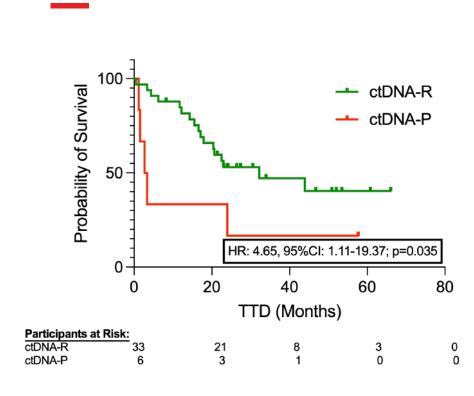
## A new paradigm of therapy monitoring

Additional data demonstrating that Guardant Reveal identified a strong decrease in tumor fraction that was very strongly associated with improved patient outcomes **across different therapy classes** 

#### Chemotherapy Monitoring Study<sup>1</sup>







Launching in Q4 2025



A new standard in therapy monitoring



# 10x increase in Reveal data generation planned for 2026





# Many expected readouts will support MolDx submissions



# 2025-2026 Reveal data pipeline driving reimbursement momentum

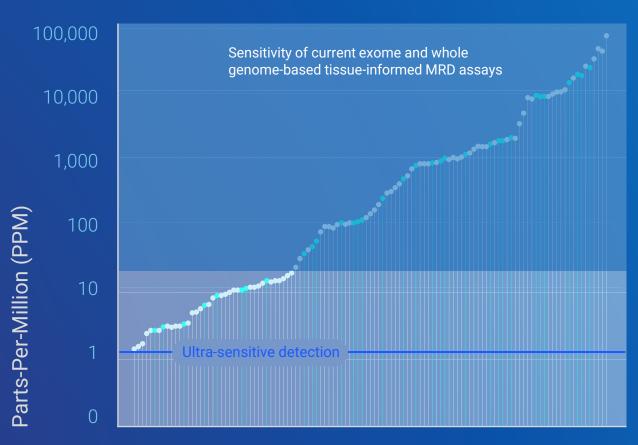
Indication	Specific Studies	1H 2024	2H 2024	1H 2025	2H 2025	1H 2026	2H 2026
CRC Surveillance	COSMOS	Covered by Medicare					
Breast Surveillance	Elliot et al, Ademuyiwa et al						
IO Monitoring	Liang et al						
Chemo Monitoring	RWE						
CDK4/6 Monitoring	Multiple						
MRD/Surveillance	Multiple 5+ Tumor Types						





## **Ultra-high** clinical sensitivity remains a challenge for tissue-informed MRD tests

#### ctDNA Detection Levels





**Coming Soon** 



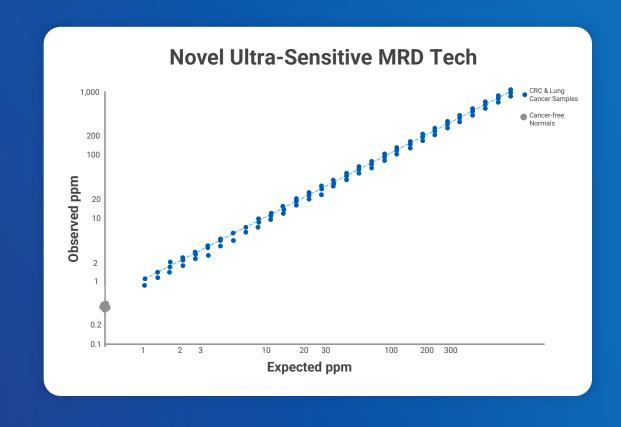
Bringing sensitivity down to 1 ppm



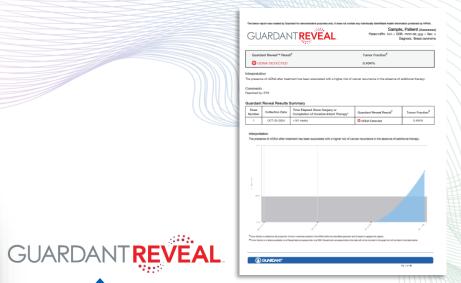


# Reveal Ultra: A novel, ultra-sensitive, tissue-informed MRD assay achieves sensitivity down to 1 part-per-million

- Leverages Smart Platform liquid and tissue breakthroughs to achieve best-in-class sensitivity
- Flexibility Reveal Ultra is designed to work seamlessly with Guardant360
- Speed and ease of use results delivered rapidly and reliably even from challenging tissue biopsy samples









Triple-negative Breast Cancer Patient







**Leader in liquid CGP.** Accelerating growth and extending leadership position through innovation and commercial excellence



**Fueling next waves of oncology growth.** Progression testing and Smart Apps developed using InfinityAI + Data Treasury will accelerate oncology growth



**Leader in tissue-free MRD.** Strong progress towards indication expansion for Reveal with Breast and IO Medicare submissions and 10x more clinical data planned for 2026



**Upcoming product launches for Reveal.** Therapy Monitoring and tissue-informed Reveal Ultra will catalyze further growth of MRD business



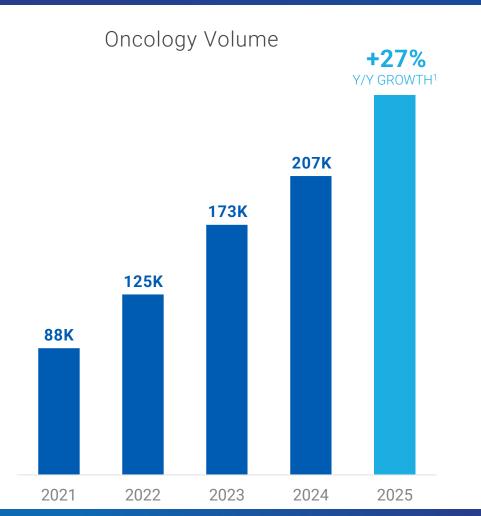


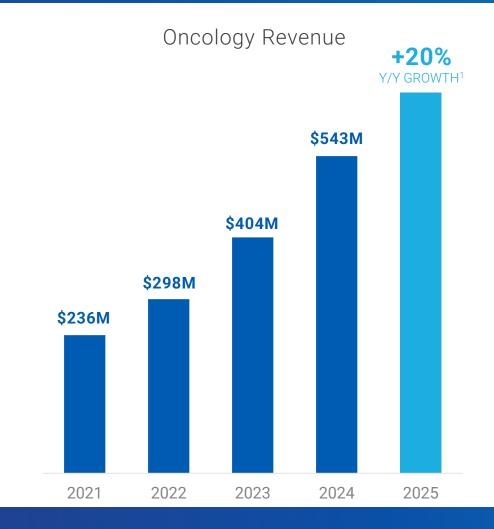
# Leading commercial engine for oncology

Chris Freeman, Ed.D.
Chief Commercial Officer, Oncology



# Focused on driving accelerated volume and revenue growth









# Complete product offering with best-in-class products for each use case

# Treatment Selection Monitoring & MRD GUARDANT 360: Liquid GUARDANT 360: Tissue All advanced-stage solid tumors All stages of CRC, breast and lung cancers



# Complete product offering with best-in-class products for each use case

#### **Treatment Selection**

## GUARDANT 360:

- Expanded DNA panel by ~10x
- 15 app launches for Smart Platform
- All guidelines biomarkers

## GUARDANT 360.

- Expanded DNA panel ~10x
- Added RNA, IHC and germline
- 40% lower sample input

#### **Monitoring & MRD**



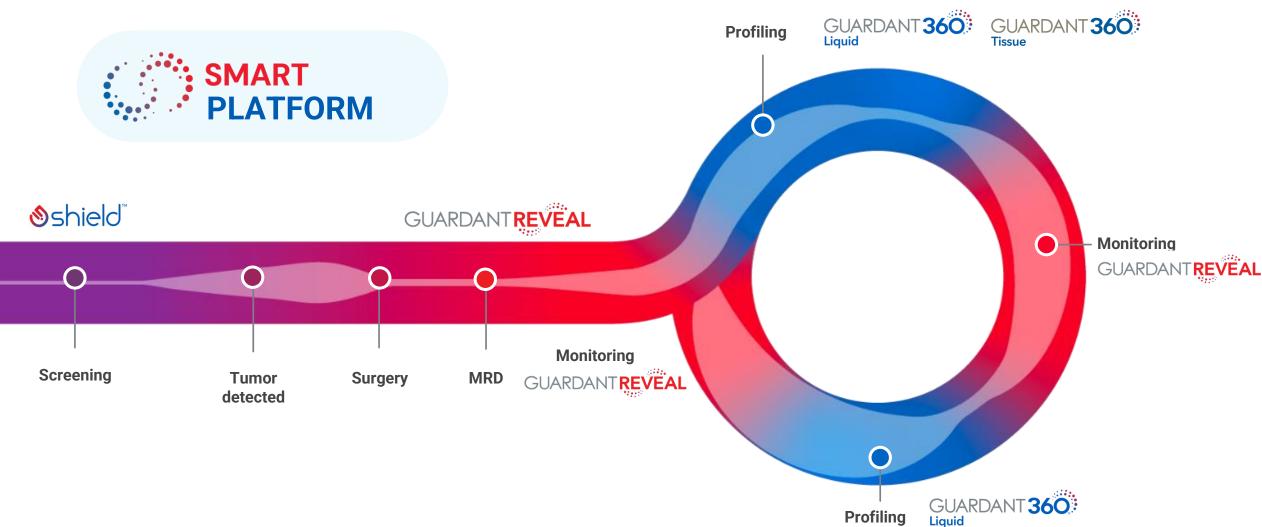
- Coverage for CRC surveillance
- 50% lower COGS
- MolDx submission for breast MRD and IO monitoring

**Completed transition to Smart Platform across portfolio** 





### One testing platform for the entire patient journey



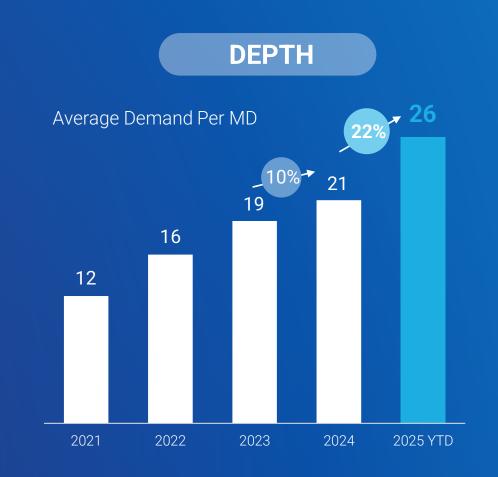


# Strong breadth and increasing depth per ordering physician

**BREADTH** 

>10K

Active Ordering MDs







# One shared commercial infrastructure across our Oncology portfolio

## SALES & SUPPORT

#1

share of voice



## EMR INTEGRATION

1300+

Integrated accounts



## DIGITAL ORDERING

>50%

of orders are digital



## BACK-END OPERATIONS

#1

Industryleading turnaround time



## MANAGED CARE

310M

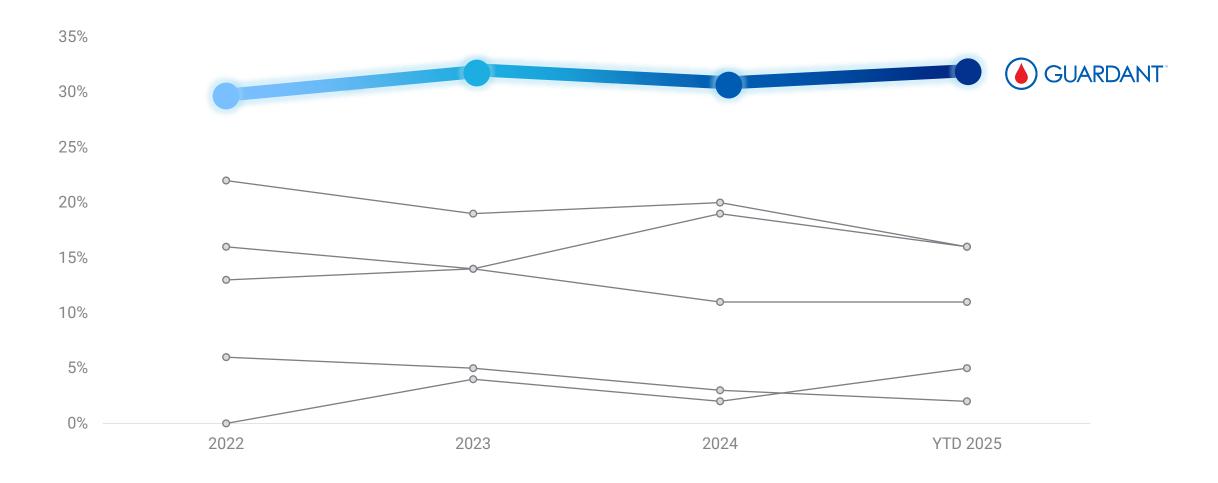
covered lives





#### INVESTOR 20 DAY 25

## Consistently the #1 share of voice in therapy selection







Field & support teams

**Share of voice** 

**Liquid CGP market share** 



# Oncology EMR integrations have accelerated access and scaled operationally







& many more...

65%

of US oncologists covered by our EMR integration<sup>1</sup>

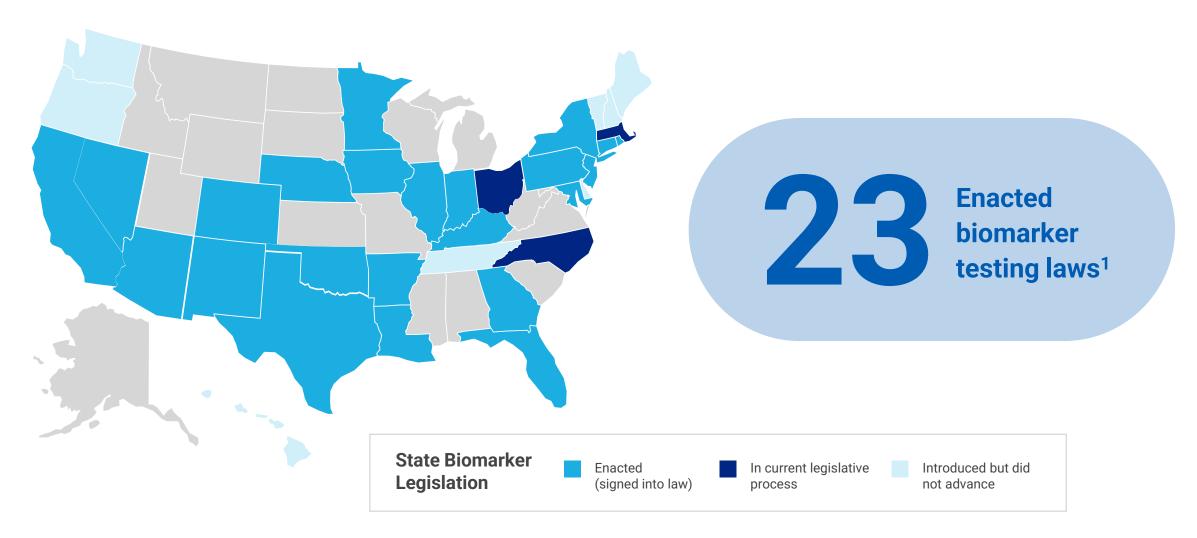
1300+

Integrated EMR accounts<sup>1</sup>





#### Momentum continues for biomarker testing coverage





97

#### Strong ASP improvement across product suite



# Significant unmet global need

2014
New Cancer Patients
Each Year

95%

Of these patients live outside of the US



# Unlocking global opportunity as markets evolve

#### UK

NHS reimbursement for lung & breast cancers. Royal Marsden lab is setting the benchmark for nationwide adoption

#### Italy

Fondazione Policlinico Gemelli lab launching Q4 2025, national expansion planned for 2026

#### Middle East

Strategic sales & marketing partnership with Hikma

#### **Spain**

Vall d'Hebron is the exclusive reference lab for Catalunya lung ctDNA pilot, national expansion planned for 2026

#### **Japan**

Guardant360 is one of two PMDA approved CGP LBx tests and has 10 companion diagnostics approvals

#### Canada

Lung reimbursement in Ontario & Quebec expected YE 2025 and national expansion YE 2026



### **Oncology growth drivers**

#### **THERAPY SELECTION**

- Product upgrades and new applications
- Repeat progression testing
- Monitoring
- International expansion

#### **MRD**

- Continued strength in CRC, Breast and other indications
- New monitoring applications (IO & Chemo)
- New products and upgrades (Reveal Ultra)
- Reimbursement coverage expansion





Market Growth



EMR Integrations







**Accelerating revenue growth.** Smart platform rollout catalyzing a new wave of growth delivering volumes and revenue ahead of our commercial milestones and plans



**Leading commercial team.** Best in class offering, strong pipeline of product plus #1 commercial team positions Guardant for continued market growth and share gain



**Strong ASPs across our portfolio**. Reimbursement wins & improved coverage driving greater ASPs





# Industry-leading Biopharma business shaping standard of care

Jaime Boyle

Senior Vice President, Biopharma



# Leader in biomarker testing in clinical studies



190+

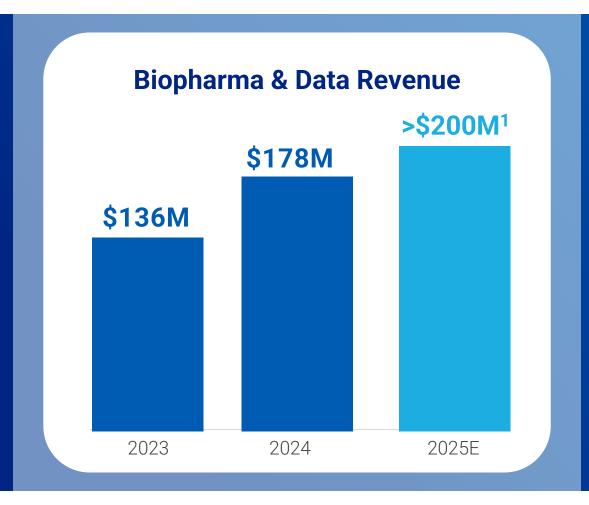
Lifetime Biopharma Partnerships

\$3B+

Total Biopharma Addressable Market



# Strong biopharma growth with a strengthening pipeline



Record quarter of volume and revenue in Q2 2025 (28% y/y revenue growth)

Expecting mid-teens growth for FY 2025

>50% of biopharma volumes are now on the Smart Platform

# The promise of precision oncology cannot be achieved through genomics alone

Of patients with actionable genomic alterations, only

~15-25%

receive a matched therapy<sup>1</sup>



Genomic-based precision medicine has revolutionized cancer treatment, but only for a fraction of patients



# Best-in-class services to expedite drug development, regulatory submission, and commercial goals



# **Companion diagnostics**

Partner to accelerate new indications and biomarkers for new drug approvals to shape standard of care



## Translational research

Unlock new drug development strategies with genomic and epigenomic biomarkers to identify and target the RIGHT patients



# Data-driven biological insights

Deep insights from InfinityAl learning engine and data treasury

Smart Platform combines comprehensive genomic, epigenomic, and RNA analysis using multimodal profiling technology across both liquid biopsy and tissue samples



## **Excellence in companion diagnostics**

22

CDx approvals in the U.S., Japan, and Europe across biomarker and tumor types













Strong and growing pipeline of new CDx deals



Multiple sPMA submissions in 2025

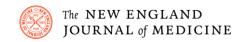


Expanding relationships with key large pharma for CDx



## CDx leadership in groundbreaking SERENA-6 results





A partnership - built on years of trust - resulting in an innovative study design to expand patient eligibility for a new treatment class

The result of multiple years of trusted partnership with AstraZeneca



Positions GH as a preferred partner for new practice changing paradigms in CDx







Unmatched testing partner for seamless CDx development in China with global clinical trials



30+

Partners engaged with 15+ partners signed



### **Rapid volume expansion**

with exponential growth over the next few years





## **Epigenomics drives smarter patient outcomes and broader label opportunities**

Epigenomic biomarkers serve as novel predictive/prognostic biomarkers to expand patient reach and improve trial outcomes for therapy



**Response Prediction** 



**Enhanced Patient Identification** 



**Molecular Tumor Subtype Identification** 



**Adverse Event Prediction** 



**Quantification for MRD/Monitoring** 

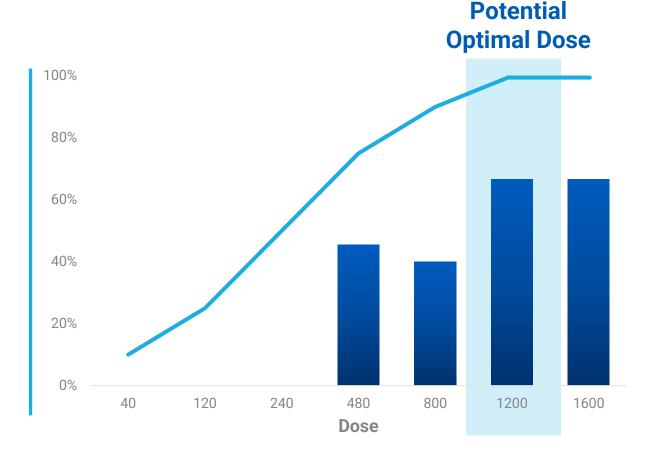




## Faster, safer dose optimization utilizing epigenomics from ctDNA on Smart Platform

### First publication with Amgen on dose optimization using ctDNA

Study utilized patients with ctDNA clearance or tumor fraction (TF) to identify optimal dose for clinical response



% of patients with ctDNA clearance
Median % of patients with TF response



### Strategic collaboration with Pfizer aims to employ Smart Platform to support Pfizer's oncology portfolio





Utilize Guardant assays in Pfizer's global clinical studies including China



Evaluate clinical utility of methylation applications, including use of ctDNA as surrogate endpoint to monitory therapy response



Partner on development and commercialization of new therapies



### **Early Stage**

Unlock diverse biomarker definitions to reveal the most urgent unmet needs

### **Clinical Development**

Model biomarker impact on patient populations to power smarter, faster trial design

### **Trial Design and Launch**

Pinpoint high-yield sites where therapy-eligible patients are already tested to accelerate recruitment





## Key portfolio enhancements will drive significant growth

Unlocking
Epigenomic
Applications with
Smart Platform +
InfinityAl

Growing Market
Share in MRD &
Monitoring

Expanding
Testing Beyond
Liquid to Tissue

Driving CDx
Partnerships with
Practice-Changing
Biomarkers





**Industry-leading growth engine.** A high-performing biopharma business delivering sustained double-digit revenue growth



**Leading indicator of clinical business.** Translational discoveries driving CDx approvals and paradigm-shifting studies like SERENA-6



**Transformative biopharma partnerships.** Employing our Smart Platform to empower smarter, faster decisions across every stage of clinical development



**Unlocking clinical innovation with data.** One of the world's largest genomic and epigenomic databases, Al-driven to unlock multimodal biomarkers for the next wave of drug innovation



## The future of cancer screening is now

AmirAli Talasaz, PhD Co-CEO and Co-founder





# Shield is a multi-cancer detection platform









83%

Overall CRC sensitivity

90%

Specificity

### **Closing the Gap**

88%

Of patients tested with Shield were unscreened for CRC<sup>1</sup>

90%

Patient Adherence

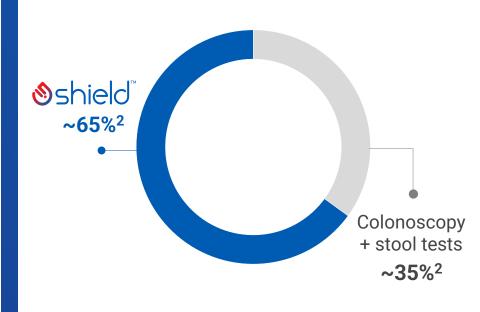






### **Lifting all Screening**

2X Increase in CRC screening rate when Shield is offered<sup>1</sup>





## Upcoming guideline and HEDIS updates are key catalysts for long-term growth

2025



National Comprehensive Cancer Network®

☑ Guideline inclusion in 2025, reflecting the recommendation of expert oncologists

2025



Leverage state-level mandates to drive accelerated insurance coverage for consumers, and adoption by HCPs 2027/28



USPSTF guideline and Quality Scores inclusion are catalysts for widespread adoption of Shield by HCPs

### Shield: Strong foundation for long-term growth

2025

**REVENUE OUTLOOK** 

\$55 - \$60M

**COMMERCIAL REPS** 

>250

Most successful Dx launch<sup>1</sup>

2028

**REVENUE OUTLOOK** 

>\$500M

**COMMERCIAL REPS** 

600 - 700

Represents testing of <2% of unscreened patients





### Strategic collaboration with Quest Diagnostics to expand access to Shield





Access to **Quest national** sales team

>650K

EMR connected HCPs and hospitals >8,000

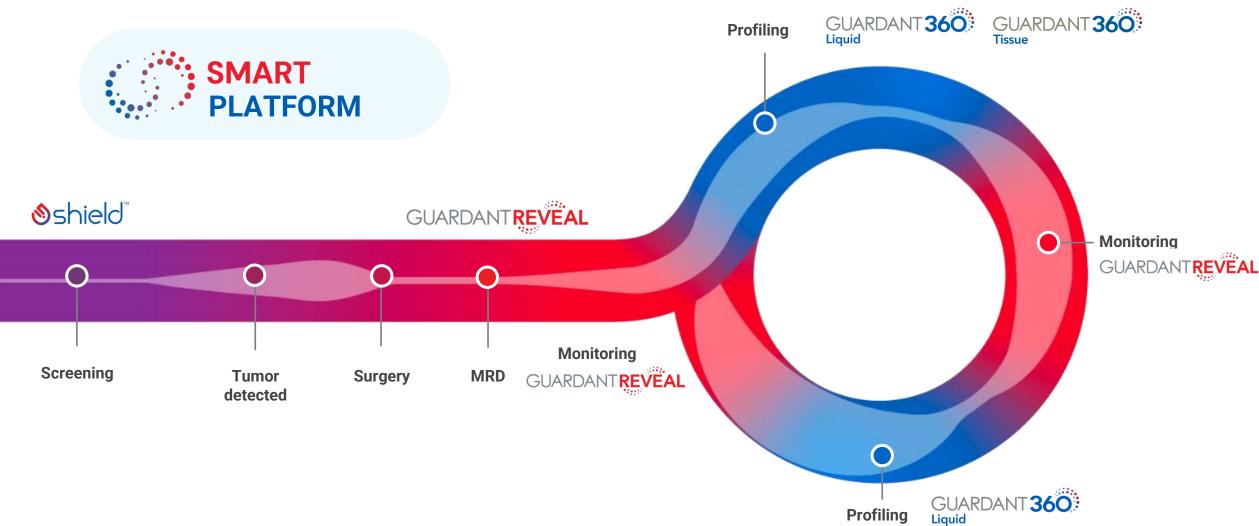
National patient access points





### **Shield leverages Smart Platform**

a leading data engine that powers efficiency and continuous improvement







When Shield is ordered for CRC screening



Physician opts in to receive MCD results report



Patient authorizes release of medical data



### The future of cancer screening is now



**Expanding Shield to include multi-cancer detection** 

Scalable platform for clinical data generation

Expand patient access to multi-cancer detection



## Supercharging data collection through Shield MCD rollout

- Orive deeper understanding of clinical utility by real-time return of results
- Population level learning engine
- ✓ Prospective clinical data collection
- High quality data helps to support reimbursement
   regulatory approvals
- Supports technology improvement and clinical indication expansion to more cancers and other diseases

Physician and patient opt in for MCD results report and enable access to medical records

Shield CRC and MCD result returned to physician

Positive

Negative

Multiple endpoints including device performance, safety, cancer stage shift and impact of interventions



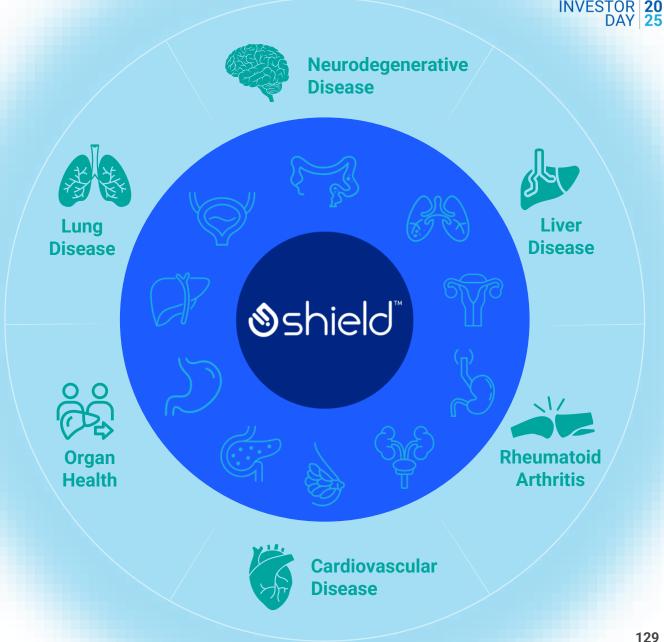


Breakthrough
Device Designation





## Shield is a platform with the ability to expand beyond cancer







## Shield: Building a Blockbuster Brand

Stephen Murphy

Senior Vice President, Screening Marketing



#### **KEY ACHIEVEMENTS**



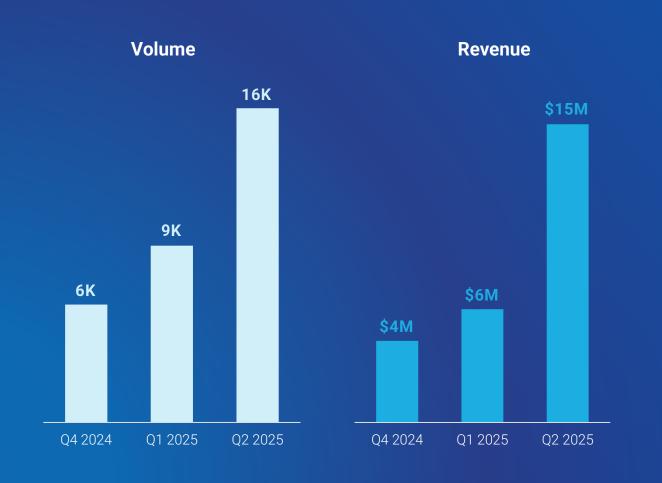
## Strong market position one year post launch

- Launched FDA-approved Shield in August 2024
- Covered by Medicare
- Obtained ADLT status March 2025
- Deployed a national commercial field force
- Included in NCCN guidelines
- 40,000 coast-to-coast phlebotomy network
- Multiple EMR integrations, including Epic
- National recognition and multiple awards
- Best-in-class technology and data





### Strong momentum underway for Screening



### **⊗**shield<sup>™</sup>

2025 Screening Outlook<sup>1</sup>

**VOLUME** 

68 - 73K tests

**REVENUE** 

\$55 - \$60M





Market leader in blood, and just getting started

120M

Average-risk U.S. individuals eligible for CRC screening

\$50B

U.S. Addressable CRC Screening Market



## First mover in blood

Focused on rapid growth





Win with leading CRC blood test today



Precision targeting of reimbursed populations



Drive awareness and outsized impact through bold, differentiated messaging



### Commercial infrastructure is scaling rapidly



>250

Coast to coast field force by the **end of 2025** 

>40K

phlebotomists network nationally



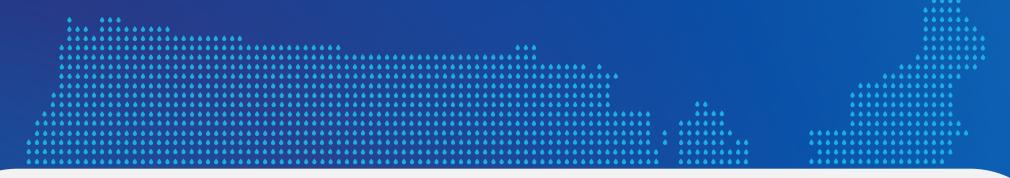
250 hospitals & health systems across 26 states
1K+ in-office phlebotomists







### Nationwide EMR integrations simplify ordering







eClinicalWorks





136

Employing bold messaging to capture attention and open doors



## Multi-channel messaging for HCPs and patients helps ensure Shield is top of mind at decision point

### **Awareness**

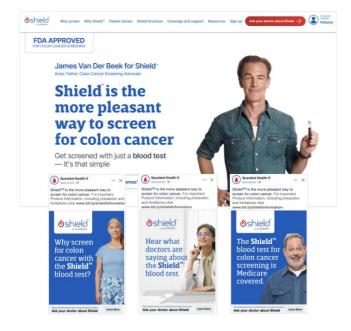






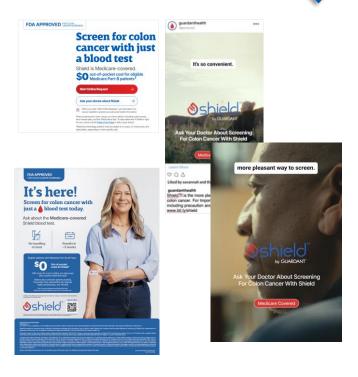
### **Education**





### **Point of Decision**









### **MEDICARE PRICING OF \$1,495**

following ADLT designation



Strong reimbursement from Medicare Advantage commercial payers





## Next-generation operating model will increase scale with practical Al-integrations

Al Scaling of Service	Stronger C/X and Self-Service Options	Internal AI Automations
Al-Powered Outreach Q3'25	Simplified Ordering Q1'26	Al-Driven Sales Tools Q4'25
Al-Integrated Client Q4'25 Services	Enhanced Self-Service Q1'26 Account Support	
Greater call volume without adding FTE or compromising quality	Effortless interaction by removing friction for HCPs and patients	Simplifying field force workflows to enable more selling time



### Shield's fundamentals will deliver strong margins at scale

## Expecting Screening to be FCF breakeven at \$600m to \$800m revenue run rate

### Strong Gross Profit

\$1,495 ADLT price and \$200 COGS contribute to ~70% gross margin at scale

## Deep Ordering Per Account

90%+ patient adherence and pleasant modality preference drives higher volume per HCP

### Next Generation Operating Model

Efficient and scalable sales model strengthens operating margin

### Scalable Platform

Smart Platform enables low COGs





**Trailblazing new markets.** Created a new category in screening that's on track to be the most successful diagnostics launch



**Positioned to win.** Best-in-class performance and a first-mover advantage for CRC screening alongside our rapidly scaling commercial infrastructure and exponentially growing data treasury widens our moat



**Expanding our offering.** Expanding our Shield product offering to include Multi-Cancer detection results



## Accelerating revenue growth and path to profitability

Mike Bell
Chief Financial Officer



### **Guidance for full year 2025**

Revenue	Guidance
Total	\$915M - \$925M 24% - 25% y/y growth
Oncology	~20% y/y growth
Biopharma & Data	Mid-teens growth
Screening	<b>\$55M - \$60M</b> 68K - 73K Shield volume

Non-GAAP Gross Margin

63% - 64%

Non-GAAP Operating Expenses

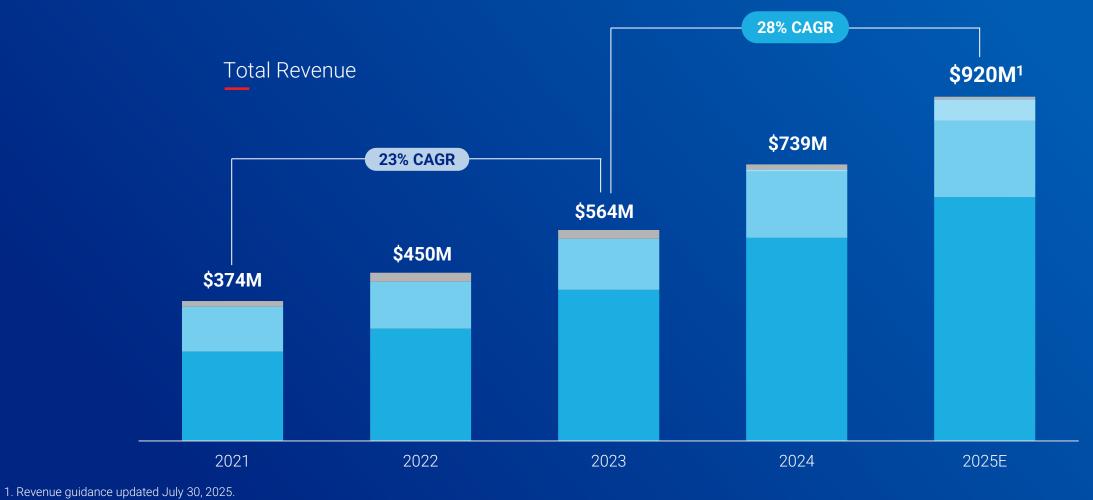
\$840M - \$850M

Free Cash Flow

\$(225M) - \$(235M)



## Revenue growth has accelerated over the last two years

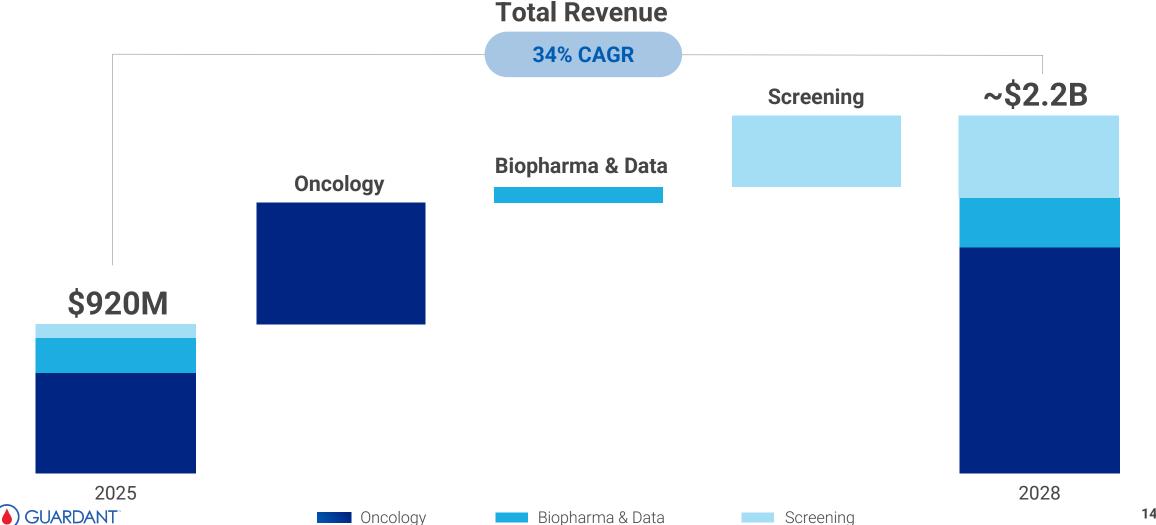






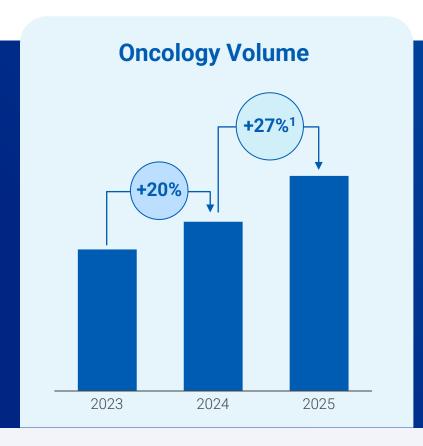


#### Increasing 2028 revenue target with growth driven across all businesses





## Multiple drivers to sustain strong Oncology volume growth





Best-in-class commercial team

Market growth

International expansion







	Q2 2025	Prior 2028 Target	Updated 2028 Target	
GUARDANT 360: Liquid	\$3,000-\$3,100	\$3,000	\$3,300	Expanded commercial coverage
GUARDANT 360: Tissue	\$2,000	\$2,000	\$3,000	Expanded commercial coverage Medicare Advantage pull-through Tissue RNA reimbursement
GUARDANT <b>REVEAL</b> :	\$600-\$700	\$1,000	\$1,000	Breast/IO/other Medicare coverage Medicare Advantage pull-through Biomarker bills/commercial coverage

Potential upsides from obtaining ADLT status across Oncology portfolio





2028 Oncology revenue target

~30%

2025-2028 CAGR



## Biopharma & Data business is well-positioned to continue generating significant value

~\$300M

2028 Biopharma & Data revenue target



Business delivers strong GMs and positive FCF



Pharma partnerships fuel product innovation



CDx approvals drive clinical volume



Global footprint supports international expansion



Bolsters capabilities of InfinityAl



#### SCREENING



## **Strong progress against previous Investor Day Screening assumptions**

#### 2023 assumptions

2025 assumptions

FDA approval 2024



FDA approval 2024

2<sup>nd</sup> line label



1<sup>st</sup> line label

Medicare rate \$920 / ASP ~\$500



Medicare rate \$1,495 / ASP ~\$700

1 year first mover advantage



2 years first mover advantage

CRC only



CRC + MCD

USPSTF guidelines 2026



**USPSTF guidelines 2027-2028** 



## On track to deliver 2028 Screening revenue target



2028 Screening revenue target



#### **Increasing 2028 total revenue target**

~\$2.2B

2028 Total revenue target

~34%

2025-2028 CAGR





## ASP increases and COGS reductions will deliver improved gross margins

#### **Key drivers to reduce COGS**



NovaSeq X transition Test volume



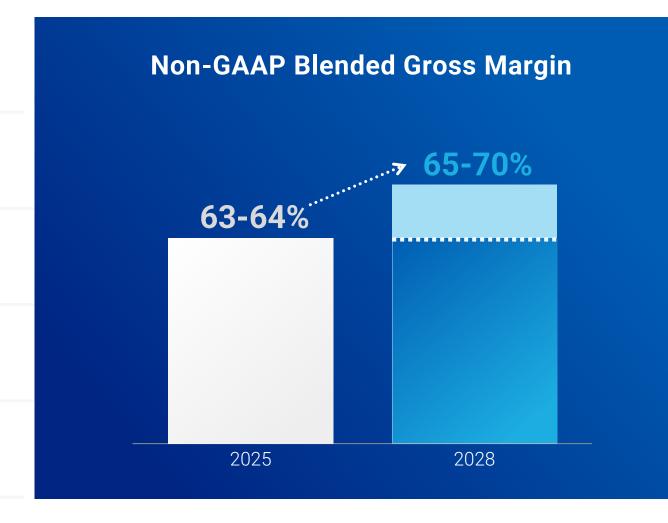
Operational efficiencies
Test volume



Automation Test volume



Workflow efficiencies Automation Test volume







## Balancing tight cost control with investments in innovation and commercial expansion



**GUARDANT** 

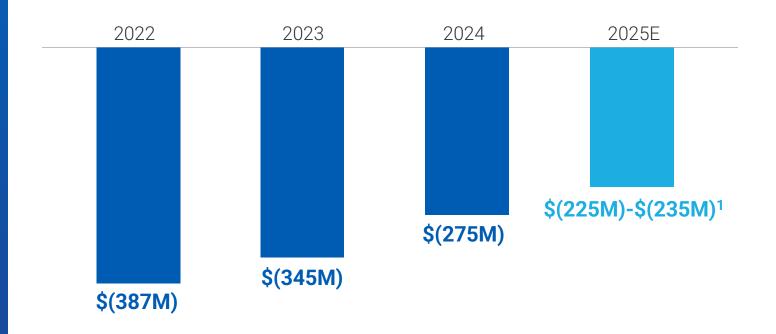
#### Adopting AI to drive significant efficiencies across all areas of the business

Technology	Clinical Data	
Software	Sales	
Systems Development	Finance	
Regulatory	Legal	
Reimbursement	Human Resources	
Client Services	Investor Relations	00



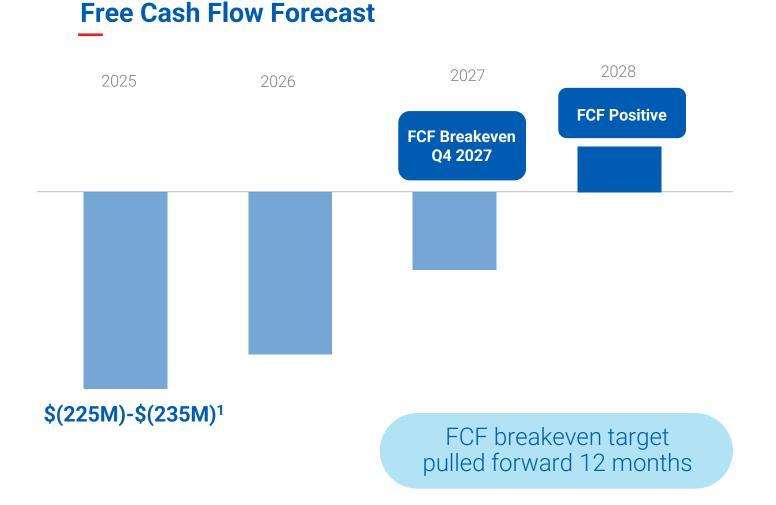
#### **Free Cash Flow**

Topline growth, improved gross margins, and tight cost control has led to year-over-year reductions in cash burn





# Improved revenue and gross margin forecast brings forward free cash flow breakeven target to end of 2027







**Executing ahead of plan.** Increased 2028 revenue target to ~\$2.2B with growth forecasted across all businesses



**Expanding gross margins.** ASP increases and COGS reductions will deliver improved blended gross margin



Balancing cost control with investment in innovation and commercial expansion. Maximizing efficiencies, Al and operating leverage



**Accelerating path to profitability.** Improved revenue and gross margin forecast brings forward free cash flow breakeven target to Q4 2027



## Delivering on our promise to patients

Helmy Eltoukhy, PhD co-Chief Executive Officer, co-Founder & Chair

AmirAli Talasaz, PhD co-Chief Executive Officer & co-Founder











**Powerful InfinityAl learning engine accelerating clinical science.** Exponential epigenomics data growth and real-world evidence powering InfinityAl speeding up clinical validation of advancements



**Oncology business acceleration.** Smart apps fueling new wave of growth in Therapy Selection; #1 player in tissue free MRD with rapid acceleration of upcoming clinical data readouts



**Industry-leading Biopharma business.** Sustained double-digit growth with the science continuing to set new standards and deepen relationships with top biopharma companies



**Shield is the winner in blood-based screening.** Shield is a blockbuster brand with a strong first mover advantage that is further increasing with Shield MCD expansion



#### **NEW ANNOUNCEMENTS TODAY**

- Increased 2028 revenue target to ~\$2.2B
- Accelerated company-wide breakeven to Q4 2027, 12 months ahead of previous guidance
- Submitted Guardant360 Liquid PMA to FDA
- Launching Reveal for therapy monitoring in Q4 2025
- Increasing Reveal clinical data generation by 10x in 2026 with 20+ publications expected
- Tissue-informed Guardant Reveal Ultra with sensitivity down to 1ppm
- Expanding Shield to include Multi-Cancer Detection
- Initiating a large-scale study of real-world data for Shield Multi-Cancer Detection
- Strategic collaboration with Quest Diagnostics to expand nationwide access to Shield





On a mission to guard wellness and give every person more time free from disease