



Corporate Presentation

Biodesix is a leading diagnostics company, driven to improve clinical care and outcomes for patients.

November 2025



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Biodesix is a leading diagnostics solutions company, driven to improve clinical care and outcomes for patients.

MISSION

Our mission is to **transform patient care and improve outcomes** through personalized diagnostics that are timely, accessible, and address immediate clinical needs.

VISION

We envision a world where **patient diseases are conquered** with the guidance of personalized diagnostics.

Biodesix revenues are generated by two business lines enabled by scientific, technological, regulatory, and commercial excellence.



Lung Diagnostic Tests

Supporting clinical decisions to expedite personalized care and improve outcomes for patients with lung disease



Development Services

Enabling the world's leading biopharmaceutical, life sciences, and academic research institutions with scientific, technological, and operational capabilities that fuel the development of diagnostic tests, tools, and therapeutics.



Key Capabilities	Offering	Path to Profitability
~95 Sales representatives expected in the field in 4Q25 focused on lung diagnostics	5 Medicare covered tests for lung – 3 with ADLT status	81% Industry-leading gross margins
300+ Publications and presentations	>20 NYS CLEP approvals for genomic and proteomic tests	\$84-86M Increased FY 2025 Revenue Guidance
Differentiated multi-modal approach including proteomics, genomics, radiomics, combined with AI to discover, develop, & commercialize innovative diagnostic tests	4 Tests in pipeline	4Q25 Expected Adjusted EBITDA break even

~300 Biodesix Teammates; 'Top places to work' 2 years in a row



Increased FY2025 revenue guidance to \$84-86M

	Total Revenues	Lung Dx Revenues	Dev't Svcs Revenues	Gross Margin	Net Loss	AEBITDA*
Q3 2025	\$21.8M	\$19.8M	\$1.9M	81%	(\$8.7M)	(\$4.6M)
Year over Year	+20%	+16%	+97%	+400 basis points	+15% improvement	+18% improvement

Two highly-certified, technologically-advanced laboratories



- CLIA certified
- CAP accredited
- **NYS CLEP certified:** Clinical Chemistry (limited to soluble tumor markers), Oncology - Molecular & Cellular Tumor Markers
- ISO 13485 certified

IQLUNG®
Cancer Treatment Guidance

GeneStrat® Test

VeriStrat® Test

GeneStrat NGS® Test



DE SOTO, KS

- CLIA certified
- CAP accredited
- **NYS CLEP certified:** Clinical Chemistry (limited to soluble tumor markers), Diagnostic Immunology – Diagnostic Services Serology

NODIFYLUNG®
Nodule Risk Assessment

NODIFY CDT® Test

NODIFY XL2® Test

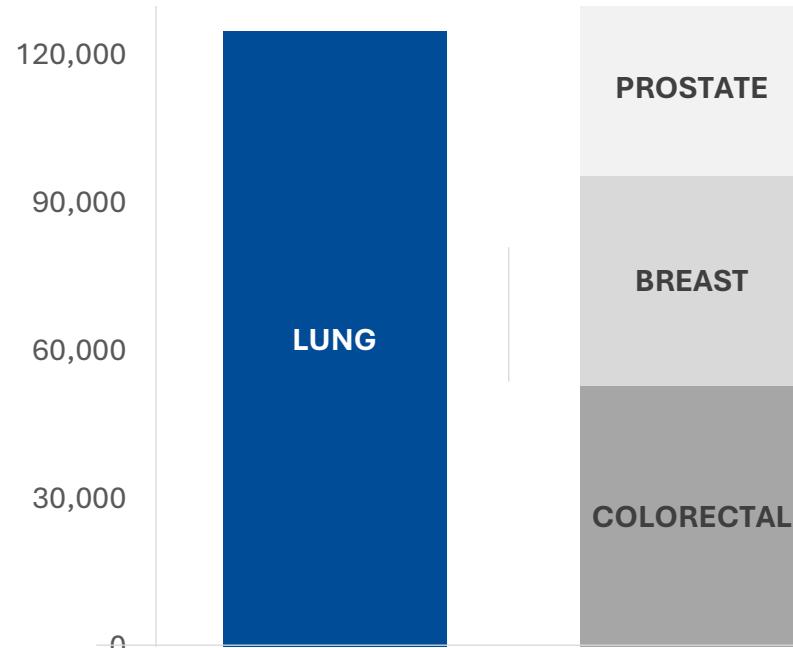


Lung Diagnostic Tests

Our Core Commercial Clinical Offering



USA lung cancer deaths vs colorectal, breast, and prostate cancers combined



1 in 18

People will be diagnosed with lung cancer in their lifetime

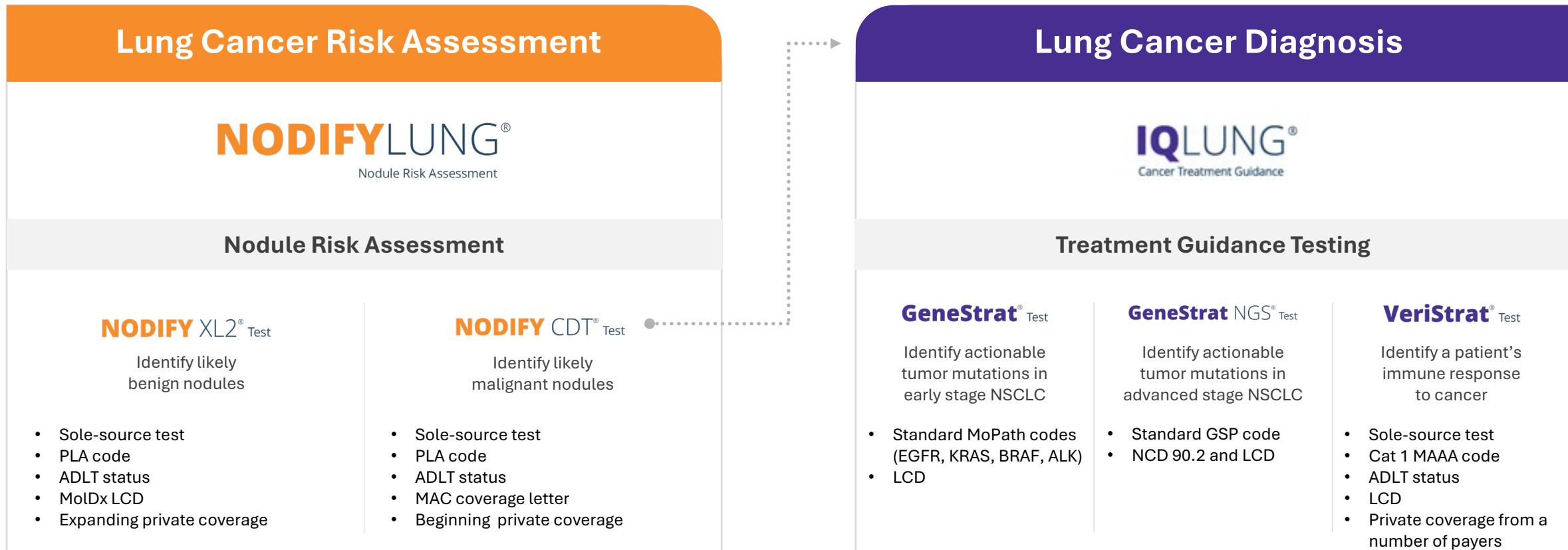
6%

5-year survival for patients diagnosed with metastatic lung cancer

1 in 5

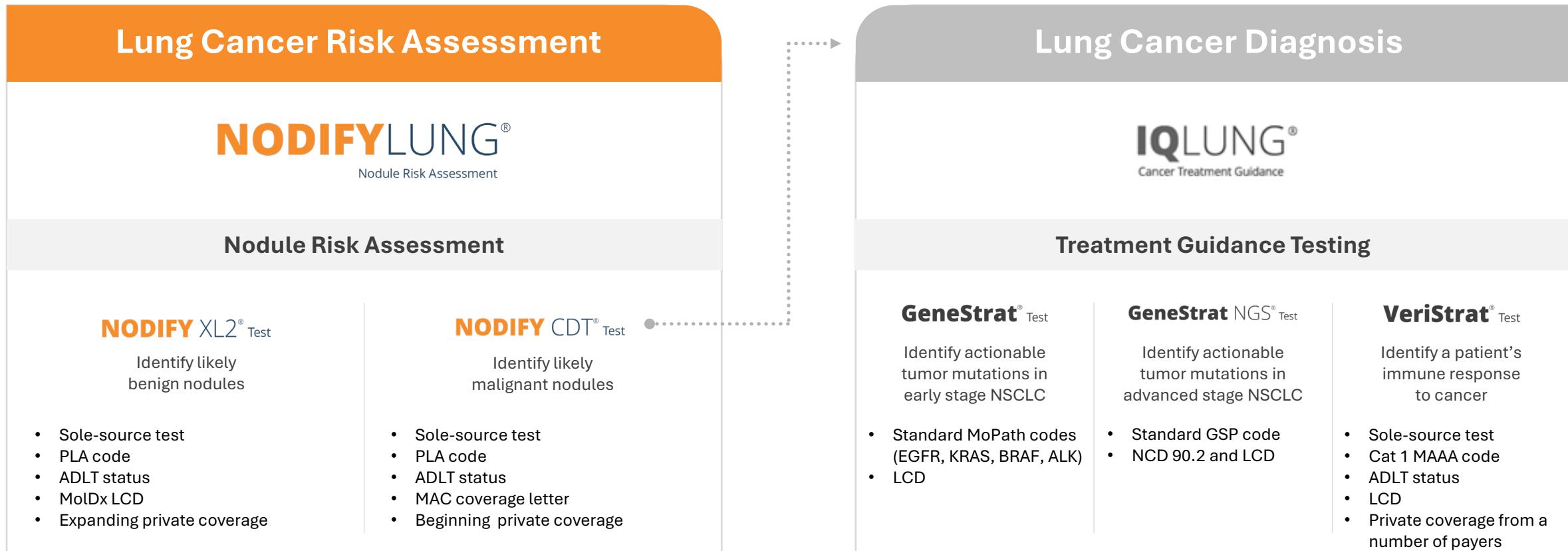
Cancer deaths are due to lung cancer in the USA, annually

biodesix[®] Lung Diagnostics Test Portfolio



All five tests are NY State CLEP-approved – three proprietary tests all with ADLT status

biodesix[®] Lung Diagnostics Test Portfolio



All five tests are NY State CLEP-approved – three proprietary tests all with ADLT status

The Challenge in Lung Nodule Management

Balancing CT Surveillance with Intervention



The smaller the nodule at diagnosis, the greater the overall 5-year survival³



Cheerio
10mm

Penny
20mm

Banana
30mm

92% 83% 77%

Surveillance

Majority of lung nodules are benign

Intervention

Diagnosing cancer earlier leads to better outcomes

Procedures on benign nodules come at a cost



4.7% Pneumothorax¹
2.7% Pulmonary bleed¹
67.8% Diagnostic yield¹



28x higher cost of care for patients with benign disease that receive a biopsy²



Patient prioritization and resource utilization

How do we make sure we're triaging patients appropriately?

¹ Folch E, Bowling M, Pritchett M et al. *JTO*. 2022; 17(4): 519-531.; ² Lokhandwala T, Bittoni M, Dann R et al. *Clin Lung Cancer*. 2017; 18(1): E27-E34.;

³ Detterbeck F, Boffa D, Kim A, et al. *CHEST*. 2017; 151(1): 193-203.

Standard Lung Cancer Risk Assessment Has Led to Over- and Under-Treatment of Patients



62%

of patients receiving biopsy as the sole diagnostic procedure were benign¹



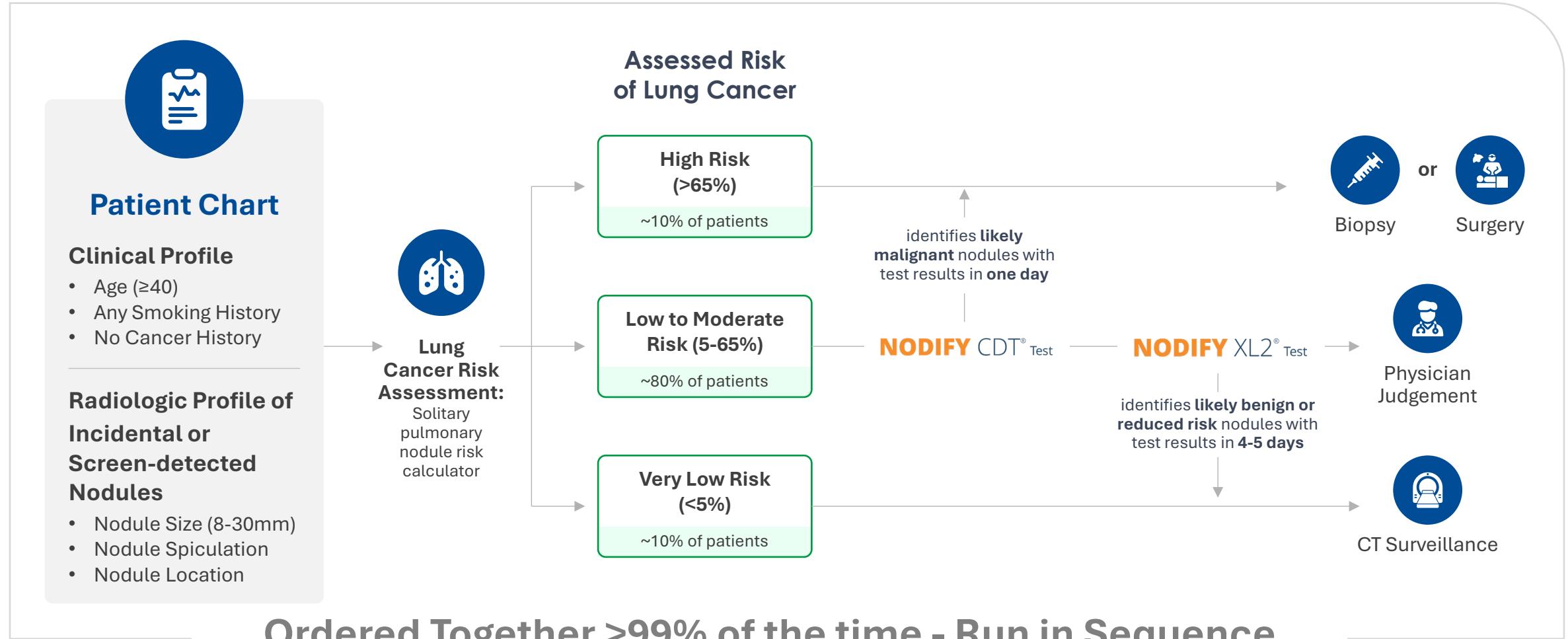
35%

of patients who underwent surgery had benign nodules¹



17%

of patients sent to CT surveillance have malignant nodules²



NODIFYCDT® Test

Ordered together - Run in sequence

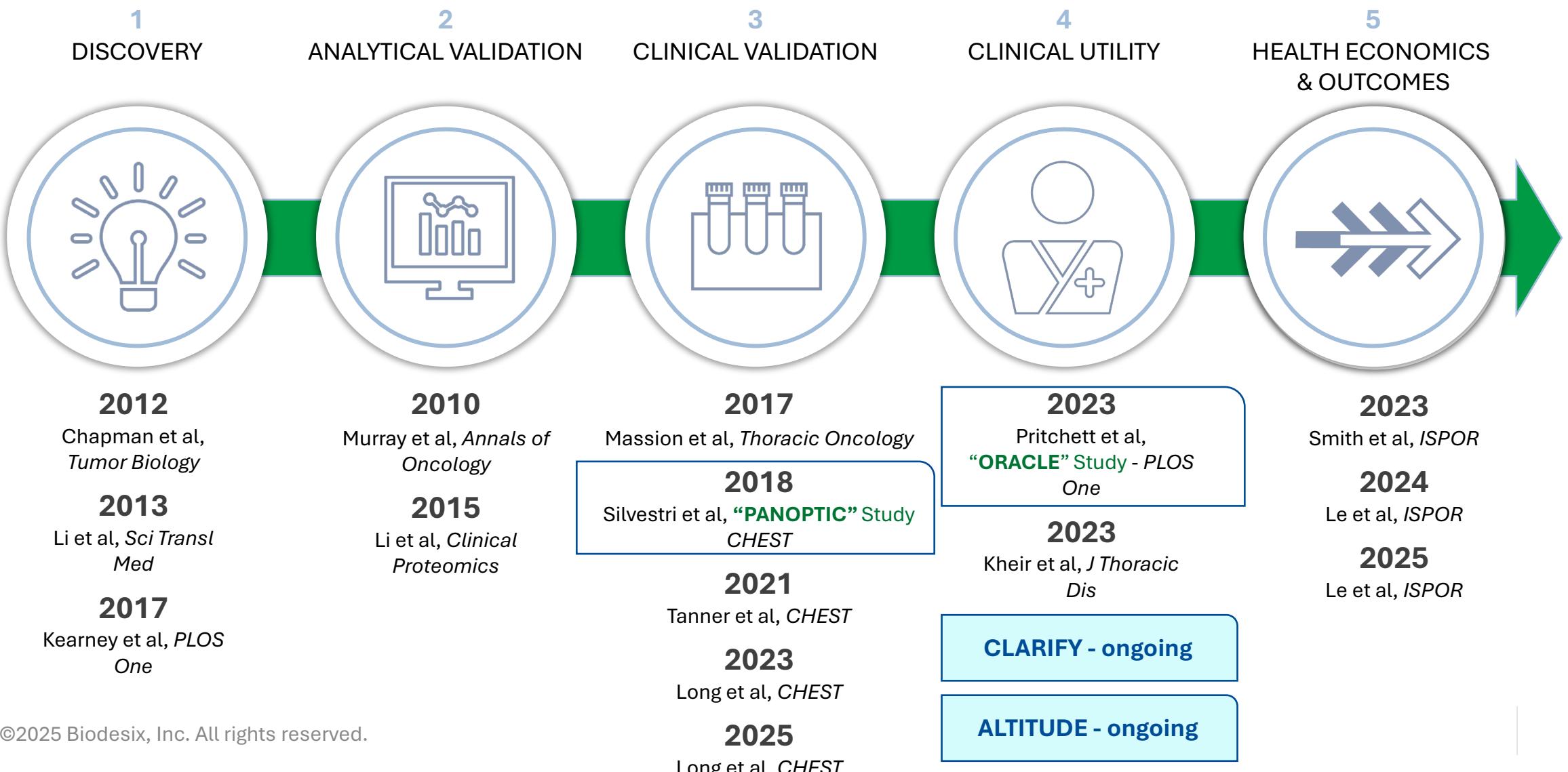
NODIFYXL2® Test

- **Rule-In Test:** Identifies patients with lung nodules that are **likely malignant**
- **Autoantibody detection on an ELISA platform from blood**
Protein antigens: P53 | CAGE | NY-ESO-1|GBU4-5 | MAGE A4 | SOX2 | HuD
- **78% PPV, 98% specificity & 28% sensitivity**
- **1 business day** turnaround time
- **Medicare and new Private Payer coverage**
with a unique CPT PLA code & ADLT status

- **Rule-Out Test:** Identifies patients with lung nodules that are **likely benign**
- **Proteins on an LC-MS platform from blood**
Protein targets: LG3BP | C163A
Clinical Profile: Age | Smoking History | Cancer History
Radiologic Profile: Nodule Size | Location | Spiculation
- **98% NPV, 97% sensitivity & 44% specificity**
- **4-5 business days** turnaround time
- **Medicare and new Private Payer coverage**
with a unique CPT PLA code & ADLT status

**Two studies (ALTITUDE & CLARIFY) for combined lung nodule risk assessment
and over 50 peer-reviewed publications, presentations, & abstracts**

Nodify Lung® Test: Published Data Package

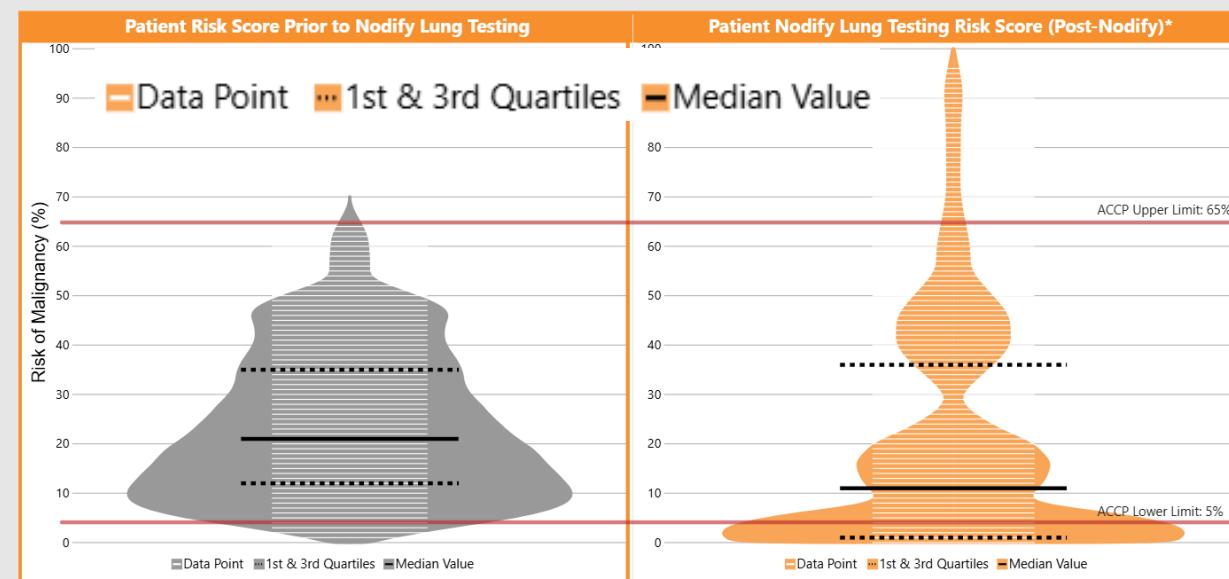
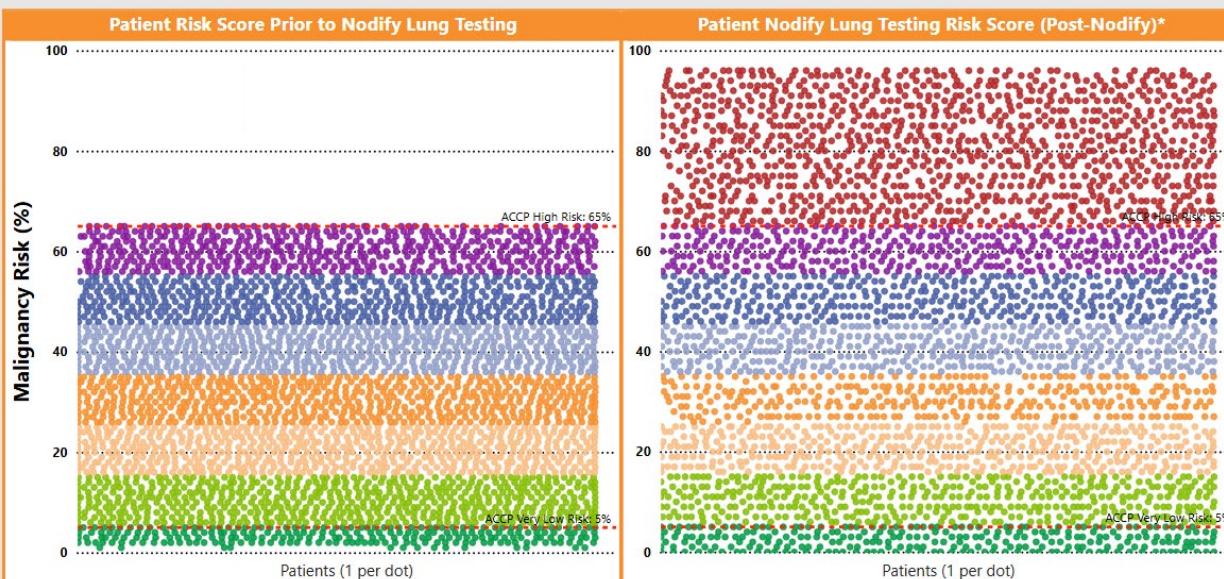


Lung Cancer Risk Assessment Before and After Use of Nodify Lung® Testing



Biodesix Clinical Utility Review Tool – available for use in clinical consultation with physicians

Pre- and Post-test risk of lung cancer for first 110,000 commercial Nodify CDT and Nodify XL2 tests.



Same data displayed in scatter plot and violin plot.

HIPAA-compliant and customizable by physician, facility, city, state.

Improved clinical workflows with patients' risk of lung cancer reclassified based upon Nodify Lung testing.

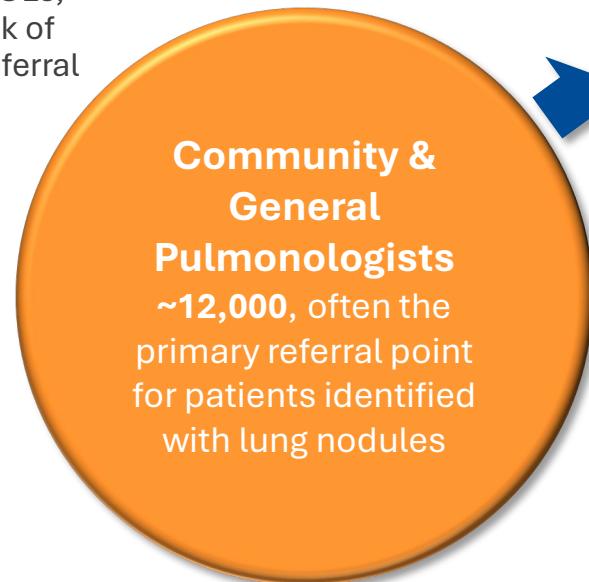
Generalizable - Results consistent with clinical studies, indicating generalizability with broad, real-world use.

Phased targeting execution from launch

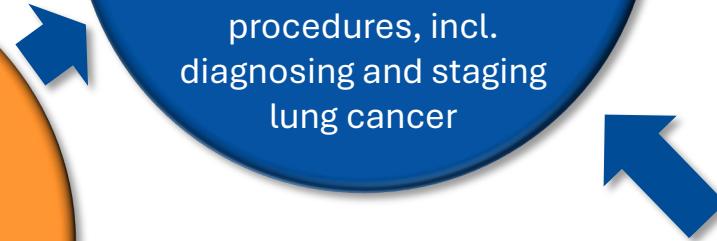


Phase 2 Targets starting in 2021

GOAL: Drive adoption with endorsement from KOLs, triage nodules by risk of malignancy prior to referral

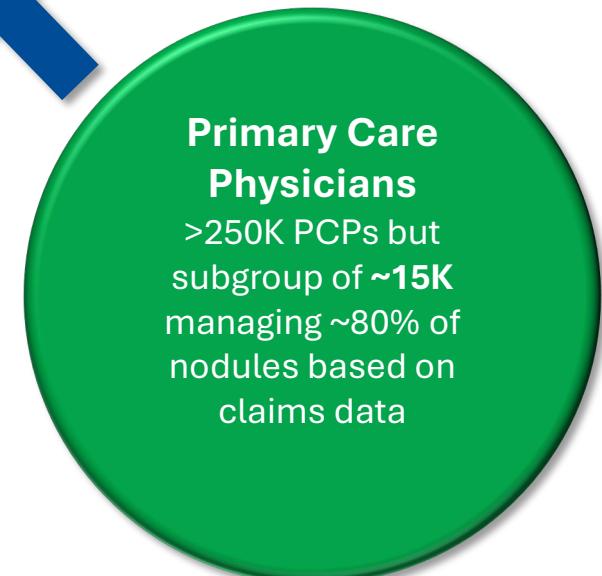


Interventional Pulmonologists and Proceduralists
Sub-group of **~2,000** pulmonologists specializing in bronchoscopic procedures, incl. diagnosing and staging lung cancer



Phase 1 Targets at Nodify testing launch in 2020

GOAL: Build KOLs - Secure endorsement for Nodify Lung, mobilize for research & Peer-to-Peer education



Phase 3 Targets starting in 2025

GOAL: Drive adoption with endorsement from KOLs, triage nodules by risk of malignancy prior to referral, identify patients "lost to follow up" in the community

After a comprehensive review and pilot study, we reconfigured our sales team to continue calling on pulmonologists and their referring PCPs, expanding our commercial channel to the full spectrum of care

Pulmonology Targeting

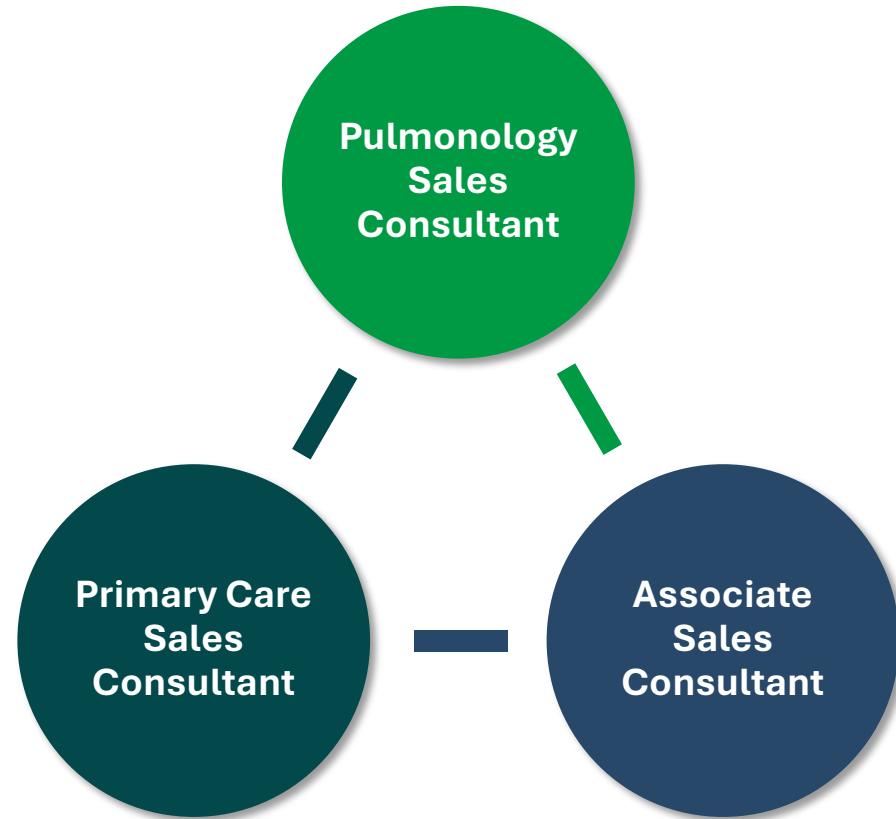
- Tiered approach to pulmonology
 - Total universe of Pulmonologists in US ~14K
 - Subgroup of ~2K have a focus on bronchoscopy, point of diagnosis for lung cancer
- Leverage influential bronchoscopists (experts in cancer diagnosis) to educate referring community / general pulmonologists on the use of Nodify
 - Triage and prioritize high risk nodules into interventionalist
 - Low risk nodules stay in community under watchful waiting

Primary Care Targeting

- Claims data shows ~50% of pulmonary nodules are managed in primary care
- Influential pulmonology thought leaders requested BDSX help move use of Nodify into their referring base in primary care
- Select targeting of Primary Care
 - Approximately 250K total primary care providers (PCP)
 - Identified ~15K PCPs as priority targets who manage ~80% of nodule in Primary Care based on claims data
- Mobilizing motivated pulmonologists to educate PCPs in their referral network
 - Triage and prioritize high risk nodules to interventionists
 - Low risk nodules stay with primary care under watchful waiting

The addition of a primary care channel preempts HEDIS measures on lung cancer screening that we anticipate will further drive PCP involvement in this market, it also opens the opportunity to partner and promote blood-based cancer screening tests in the future

Territory-Based Sales “Pods” Accessing Concentrated Nodule Referral Network Leveraging Support from Pulmonology



Territories anchored by senior pulmonology sales representative with complementary primary care sales representatives and associate sales representatives providing support and driving adoption across specialties and care settings.

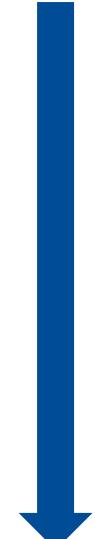
	1Q25A	2Q25A	3Q25A	4Q25E
Avg sales reps fully trained and in the field	65	74	85	93 - 97

Plan to add approximately 6 new representatives per quarter in 2026

Building the Market: Increasing Patient Access in Pulmonology and Primary Care



2024



~50% Managed by Primary Care
tend to CT surveillance



~50% Managed by Pulmonology
tend to intervene



FUTURE

Helping to identify high-risk patients sooner, leading to a *stage-shift*, improving capability for lung cancer diagnosis & treatments at an earlier stage

Breadth of Call Points in US:

- ~14,000 pulmonologists
- ~15,000 of the ~250K PCPs are active in lung health programs

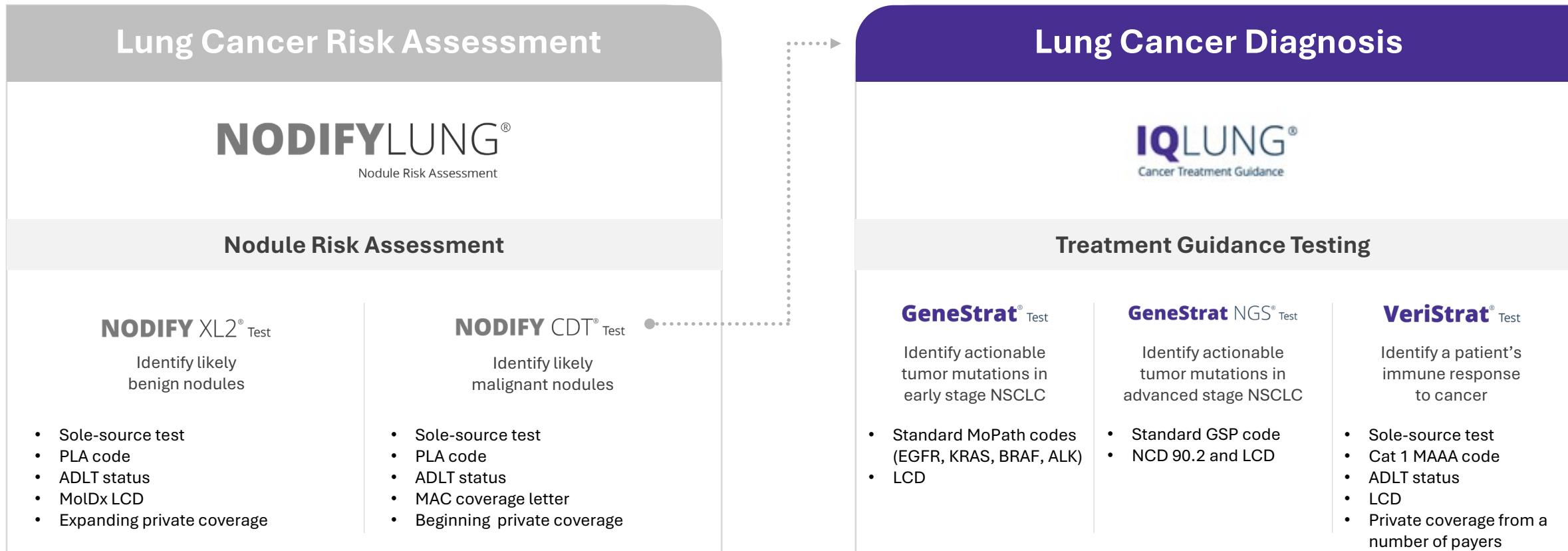
Nodify Lung Tests Help:

- Enrichment of patient population referred to pulmonology
- Helps primary care identify the appropriate high-risk patient to be referred on and continue to surveil patients at low risk



High risk for cancer or has a cancer diagnosis

biodesix[®] Lung Diagnostics Test Portfolio

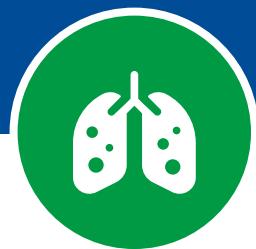


All five tests are NY State CLEP-approved – three proprietary tests all with ADLT status

Following Diagnosis, Therapeutic Guidance Testing Helps Identify the Right Treatment for the Right Patient as Quickly as Possible



>60 treatments and combinations recommended by NCCN for patients with lung cancer⁴



~ 225k

patients diagnosed annually with lung cancer in the US¹



10.5 months

median overall survival of patients with advanced stage NSCLC²



26 days

Length of time for turnaround for tissue testing³

Early stage Lung Cancer

VeriStrat® Test Immune profiling test

GeneStrat® ddPCR™ Test

Advanced, metastatic, or recurrent Lung Cancer

VeriStrat® Test Immune profiling test

GeneStrat[®] NGS Test 52-gene test

Average turnaround time of 2-3 business days

5000 patients enrolled in INSIGHT¹ prospective clinical utility study

GeneStrat® ddPCR™ Test

-  Identifies **blood-based, guideline recommended NSCLC** tumor mutations
-  **4 genes** - EGFR, KRAS, BRAF, EML4-ALK on Bio-Rad ddPCR platform
-  **91% sensitivity & 100% specificity**
-  Average **2-3 business day** turnaround time
-  **Medicare and private payer coverage**
Can be ordered multiple times per patient.
Billed using existing Molecular Pathology
Codes for each ordered gene

GeneStrat NGS® Test

-  Identifies **blood-based, guideline recommended NSCLC** tumor mutations
-  **52 genes** including somatic nucleotide variants, indels, copy number amplification and rearrangements on Thermo Fisher Scientific NGS platform
-  **95% sensitivity & 100% specificity**
-  Average **3 business day** turnaround time
-  **Medicare and private payer coverage**
One per patient per cancer per lifetime. Billed using existing GSP code

VeriStrat® Test

-  **Blood-based test** identifies a **chronic inflammatory disease state** associated with compromised immune system leading to poor outcomes
-  **Proprietary proteomic signature** identified from **blood** by **MALDI-ToF Mass Spectrometry** on Bruker platform
-  VeriStrat Good test result (**2x median overall survival**) vs. VeriStrat Poor test result
-  **Average 2-3 business day** turnaround time
-  **Medicare and private payer coverage** with a unique Cat I CPT code & ADLT status

For tests outside of lung commercial focus, plan to partner for commercial distribution

Test	Type	Indication	Utility	Recent Presentations
 Risk of Recurrence (ROR) & Molecular Residual Disease(MRD) Combination Test	Proteomic & Genomic	Lung and other solid tumor types	Likelihood of recurrence and recurrence monitoring	Memorial Sloan Kettering Cancer Center and Bio-Rad
 VeriStrat – immunotherapy	Proteomic	Lung and other solid tumor types with approved immunotherapy indications	Likelihood of response to standard of care immunotherapy and combination therapy	Memorial Sloan Kettering Cancer Center
 VeriStrat –prostate cancer	Proteomic	Castration-resistant metastatic prostate cancer	Likelihood of response to standard of care hormone therapy	Memorial Sloan Kettering Cancer Center
 Digital Diagnostics	Digital	Lung disease		



Development Services

Biopharmaceutical companies, life sciences tools and diagnostics companies, & academic research institutions



End Q3 2025: All time high of \$12.9M in Development Services under contract

Select Highlights

Top Proteomics Company¹

Life Sciences Review

Developed

>30 custom tests

(Genomics and Proteomics)

>20 New York State CLEP Approvals

Life Sciences Tools Companies & Academic Research Partners

ThermoFisher
SCIENTIFIC

BIO-RAD

BRUKER



Memorial Sloan Kettering
Cancer Center

STRECK

1

Biopharma Partnerships

60+

Biopharma, life sciences, and diagnostics
partners

Projects completed for
9 of the Top 12

Largest pharma companies
by 2023 revenue

Select publicly-disclosed biopharma customers

AstraZeneca  Genentech  GSK  Pfizer 



Thank you

Appendix

Leadership Team: Extensive Experience in Diagnostics, Pharma, MedTech, Radiomics, & Healthcare Economics



Scott Hutton
CEO


Spectranetics
Analytical Partner


Medtronic



Robin Harper Cowie
CFO


Precision Therapeutics
The Science of Individualizing Cancer Therapy


UPMC
LIFE CHANGING MEDICINE



Kieran O'Kane
CCO


Eisai


Bristol-Myers Squibb


nanostring
A BUCHER COMPANY



Gary Pestano
CDO (PhD)


Dana-Farber
Cancer Institute


VENTANA


HARVARD
MEDICAL SCHOOL


Roche



Brianna Phillips
VP RA | QA


COVIIDEN


Medtronic



Michael Kammer
Head of Radiomics (PhD)


CRCT
Centre de Recherche en Cancérologie de Québec


ATS
American Thoracic Society


VANDERBILT
UNIVERSITY
MEDICAL
CENTER



James Jett
CMO (MD)


Mayo Clinic


Oncimmune



Steve Springmeyer
CMO (MD)


UNIVERSITY OF WASHINGTON


Indi
Integrated Diagnostics, Inc.


spiration



Niki Givens
VP Clin Dev


TERUMO BCT
Unlocking the Potential of Blood


University of Colorado



Jessica Olbricht
Head of HR


UNIVERSITY OF NEBRASKA
LINCOLN


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SOLUTIONS

Board of Directors: extensive MedTech, Pharm, and Diagnostics industry expertise



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Scott Hutton
President & CEO

Hany Massarany
Chair – Compensation Committee

Jean Franchi
Chair – Audit Committee

Matt Strobeck, Ph.D.
Chair – Nominations & Governance Committee

Jon Faiz Kayyem, Ph.D.

Lair Kennedy

Jack Schuler
Board Emeritus as of May 2025

Crabtree Partners LLC

McKinsey
& Company



Birchview Capital

WESTFIELD
CAPITAL MANAGEMENT



Health Carousel





>100 Issued Patents
US and International



15 Unique Registered and Filed Trademarks
Across 13 Countries

Patent Subject Matter:

- VeriStrat® and Nodify® tests and their uses in non-small cell lung and other diseases (e.g., breast cancer, prostate cancer, liver cancer, graft v. host disease)
- DeepMALDI® mass spectrometry methods
- Classifier development using the Biodesix AI platform
- Pipeline tests using proteomic testing in immunotherapies
- Biodesix Blood Collection Device (BCD)
- Proteomic drug-associated tests developed for our 3rd party partners

Exemplary Registered Marks:

- Biodesix
- VeriStrat
- GeneStrat
- Nodify
- Nodify Lung
- Nodify XL2
- Nodify CDT
- GeneStrat NGS
- IQLung

Filed Marks:

- Biodesix Logo

Impact to Lung Nodule Patient Care



- Single-use blood lancing device intended for obtaining capillary whole blood samples from a patient's upper arm
- FDA Class II Lancet 510(k) cleared
- Improves patient access to Nodify Lung® testing in practices without convenient access to venous draw services
- Administered in minutes by any healthcare provider without need for venipuncture
- Virtually painless sample collection
- Improves care delivery by accelerating time to results and preventing patients from making a second trip to have blood drawn

“Oneida Health is a referral center serving patients in a wide geographical area. This device has allowed us to order Nodify Lung testing when patients are here for visits, ensuring that we get the critical information to inform the shared decision-making process quickly and accelerate the time to diagnosis.”

- Pedro Del Pino, MD, Oneida Health