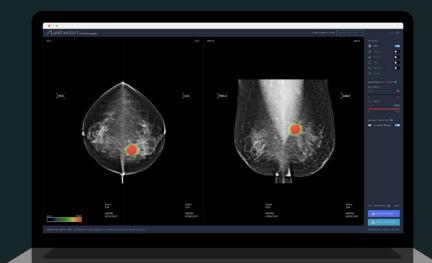
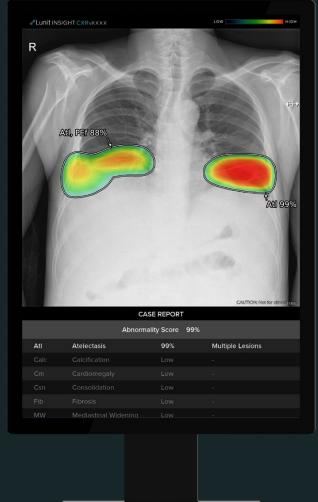
Conquer Cancer through Al



Lunit INSIGHT®

2022 INVESTOR RELATIONS







Accurate and Effective Detection of Cancer

Needs

Many cancer cases are gone unnoticed

Missed Cases

30%

False Negative Rate 3) Chest X-Ray and Mammography

Unnecessary Tests

False Positive Rate 4)

Mammography

1) NLST trial, NEJM 2012

2) Breast Cancer Screening Consortium data

3) False Negative Rate: Falsely diagnosed as not cancerous

4)False Positive Rate : Falsely diagnosed as cancerous, but normal



Product

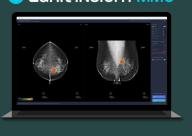
Major Lung Diseases

Lung Cancer, Tuberculosis, Pneumonia, etc. Lunit INSIGHT CXR®



Breast Cancer Detection

Lunit INSIGHT MMG°



Effect

Increase of Reading Accuracy/Effectiveness

Interpretation

Earlier **鄭 Diagnosis**









Higher Reading Accuracy | Better performance than specialists; proven in major journals

Evidence

Studies Published in Major Journals

Studies/abstracts

THE LANCET Digital Health

JAMA Oncology

Radiology

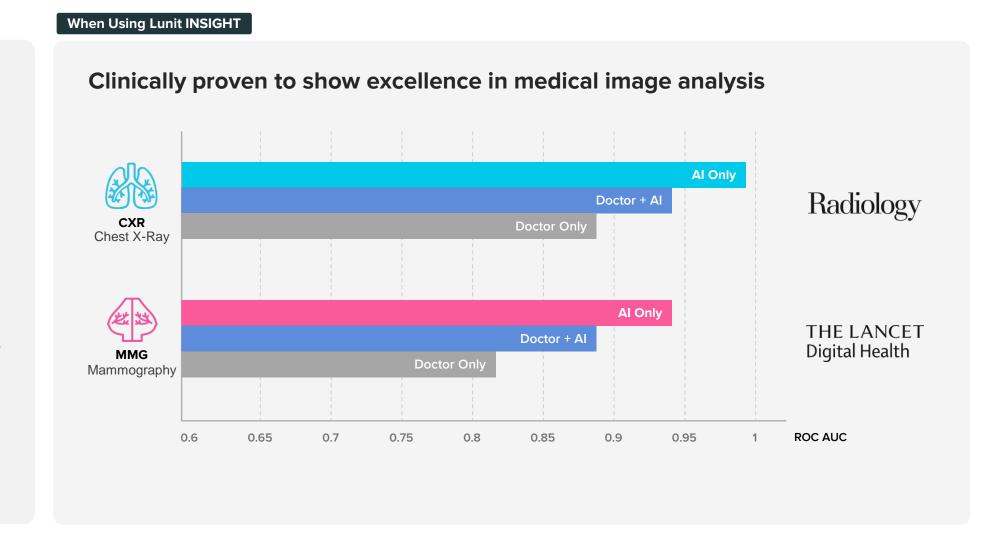
JAMA Open..

RSNA°

SCIENTIFIC REPORTS

Clinical Infectious Diseases

European Radiology





Earlier Diagnosis | Chest X-ray(CXR) & Mammography(MMG)

Needs

Significance of Early Diagnosis in Lung Cancer

4.3x Survival Increase

5-Year-Survival **Diagnosed Stage 1,2**

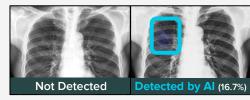
5-Year-Survival Diagnosed Stage 3, 4

Reference: AJCC 8th Edition

When Using Lunit INSIGHT

When Diagnosed with Lunit INSIGHT CXR

54-year-old male: Al found a lung cancer that was missed 3 years ago





of lung cancer patients can be diagnosed earlier

of breast cancer

patients can be



Significance of Early Diagnosis in Breast Cancer

1.4x Survival Increase

5-Year-Survival Diagnosed Stage 1,2

5-Year-Survival Diagnosed Stage 3, 4

Reference: AJCC 8th Edition

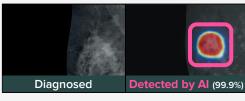
When Diagnosed with Lunit INSIGHT MMG

59-year-old female: Al found a breast cancer that was missed 2 years ago



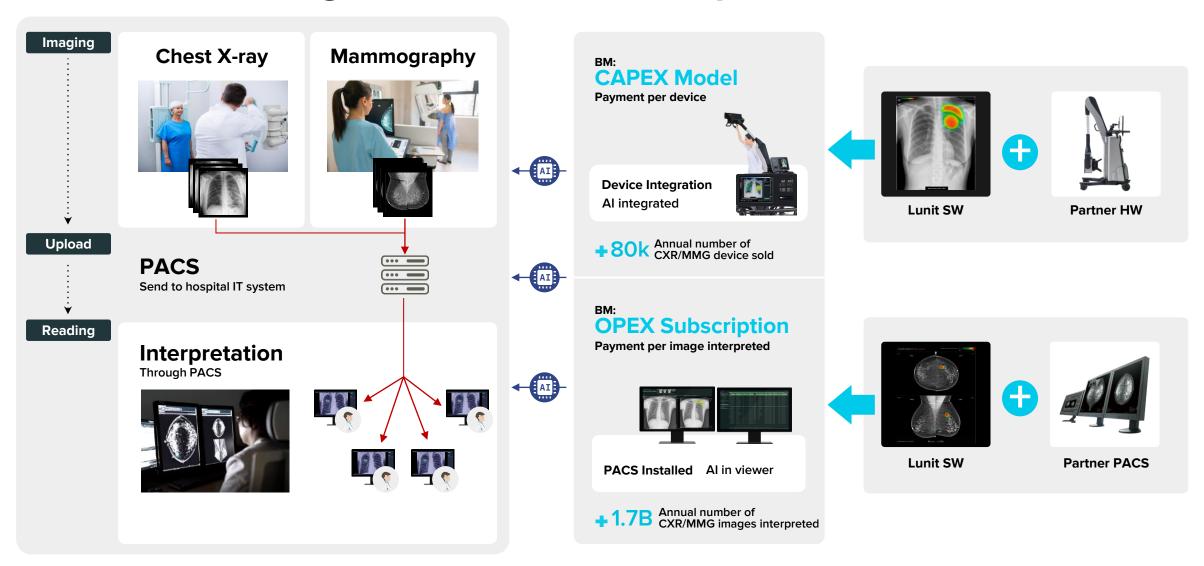






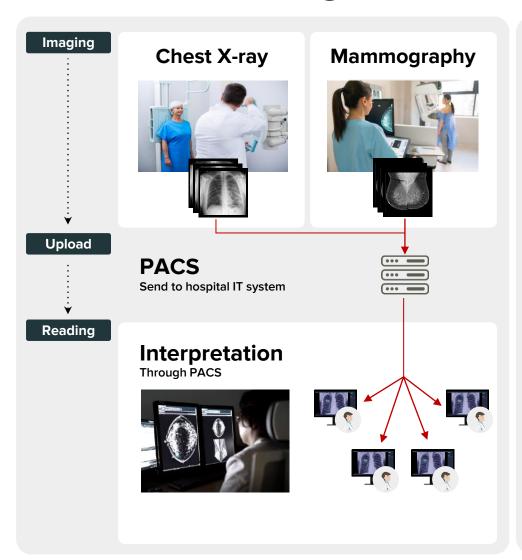


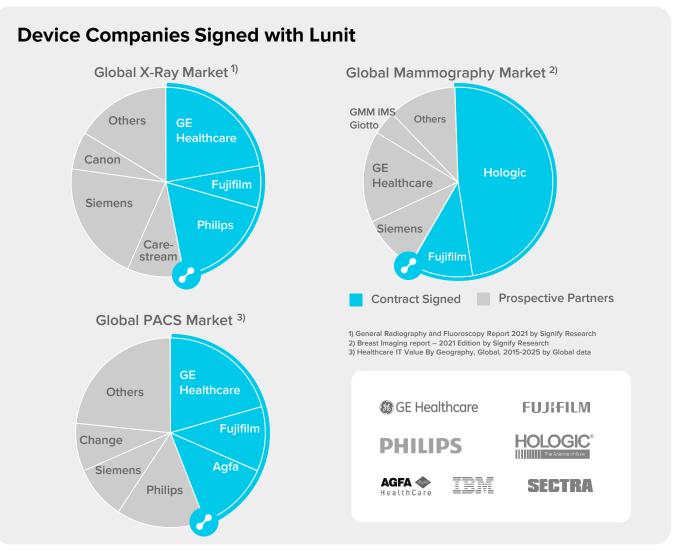
Business Through Global Partnerships





Business Through Global Partnerships







"Like working with a well-trained specialist"

Number of paying sites worldwide 1

Global Customers

80%

Retention Rate

+95%

Lunit Users among Top 10 Hospitals in Korea²

Chest X-Ray exams in Korea³ **Analyzed by Lunit INSIGHT CXR 2021**

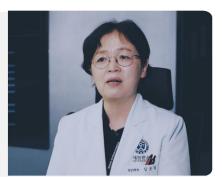
10%

Lunit INSIGHT MMG Users among 45 Large Hospitals in Korea

1) Excludes demo and research use: only commercial sales 2) Newsweek, World's Best Hospitals - South Korea, 2020:

3) Source: KOSTAT.go.kr Appx. 40M Chest X-ray exams performed annually in Korea

Lunit Al is like a navigation. It is like working with a very smart Radiologist. My reading speed has increased 30%. With the time saved, I interact more with the patients, performing biopsies and tasks that require more professional Korea Yongin Severance Hospital knowledge. I can now work more efficiently.



Lunit's AI helps highlight the cancerous area in mammography. It does not neglect even the smallest nodules, helping the double-checking process. This way of working is like working with a well-trained breast specialist.

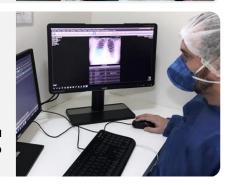
> Singapore FeM Surgery Dr. Felicia Tan (Breast Specialist)

Eun-Kyung Kim, Deputy Director



Lunit Al helps in situations when patients are overflowing whereas only few radiologist are available. In such, Al greatly assists in patient triage and monitoring.

> **Brazil Prevent Senior Hospital** Dr. Fabrício Próspero Machado





Superior Performance Among Competitors

Accuracy

Superior Performance

JAMA Oncology Salim, et al. JAMA Oncol. 2020 Aug 27.



IF 24.799¹⁾

Comparing 3 Commercial Mammography Al

Retrospective analysis of 8 years of mammography screening
Compared Al screening performance with data from 739 breast cancer-diagnosed
women and 112,924 healthy women

	Lunit	Company A	Company B
Al	C Lunit INSIGHT MMG	Algorithm A	Algorithm B
Sensitivity	81.9%	67.0%	67.4%
False Negativity	18.1%	33.0%	33.0%
Accuracy (ROC AUC)	95.6%	92.2%	92.0%

1) Impact factor, Top 7 among Oncology Journals



Research

Robust Research (SCIE Journals²)

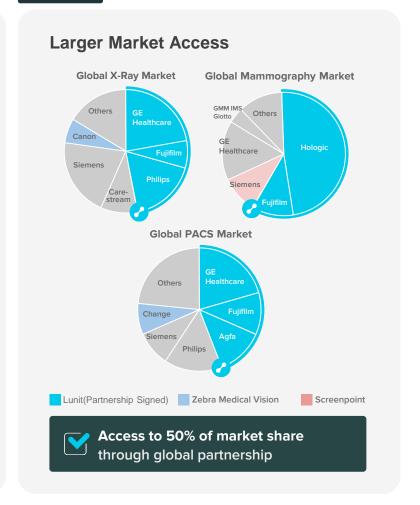
Modality Company (Country)	
Lunit KR	27
Qure.ai ID	10
Zebra IL	3
Others (>10)	None
Lunit KR	14
ScreenPoint NL	14
CureMetrix us	3
Zebra IL	1
Others (>10)	None
	Lunit KR Qure.ai ID Zebra IL Others (>10) Lunit KR ScreenPoint NL CureMetrix US

2) SCIE(Science Citation Index Expanded): Citation index originally produced by the Institute for Scientific Information and created by Eugene Garfield



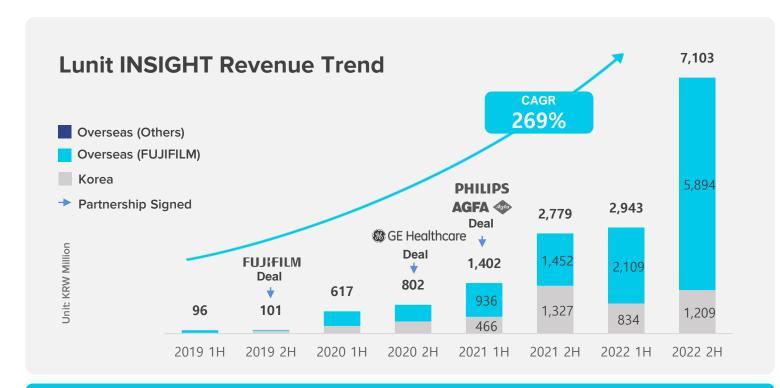
Robust research with strong clinical evidence in peer-reviewed journals

Partnership





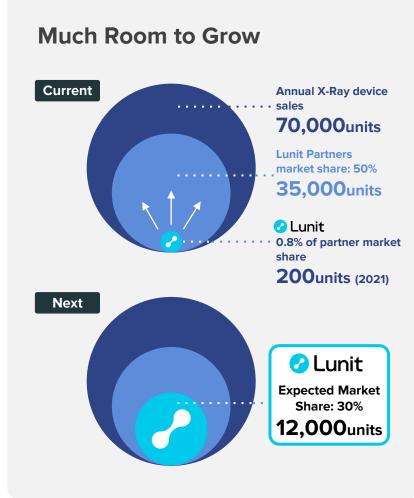
Expanding Globally with More Partners



Commercially Approved Sep 2022

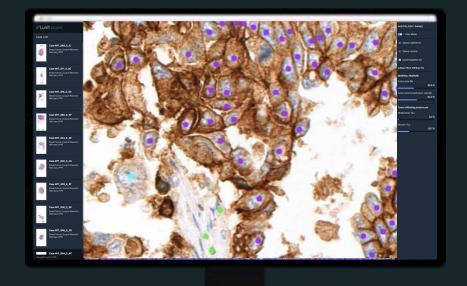
CXR 44countries 41countries

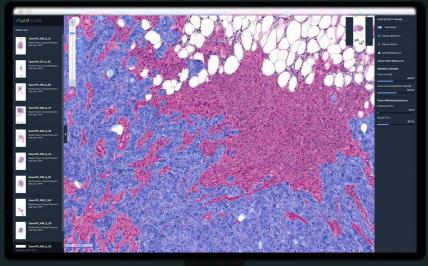
MMG





Lunit scope® 2022 INVESTOR RELATIONS







Lunit SCOPE, Game-changer in Drug Development

Needs

High expenditure in cancer treatment but drug response rate is low



Annual cost spent in cancer treatment globally*



Average treatment response rate

Research

When using Lunit SCOPE, more patients can be treated with immunotherapy

+50%

more responsive patients are found with Lunit

Journal of Clinical Oncology®

Investment

Guardant Health Global no.1 liquid biopsy company First-ever strategic investment



Pharma

Collaboration with big pharmas

Interests shown by major big pharmas

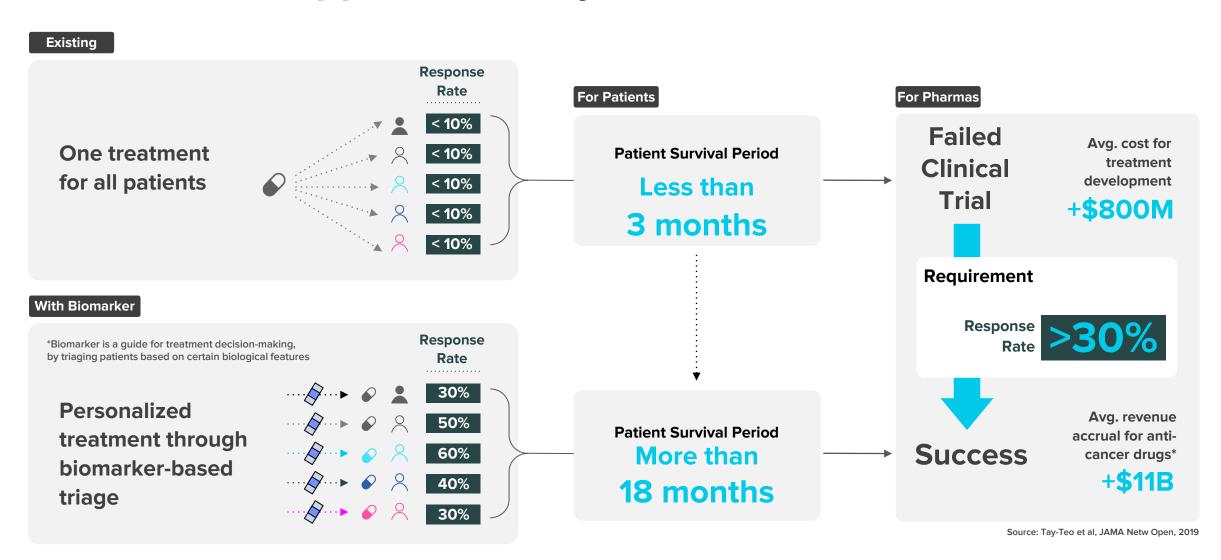
Global Big Pharma

Currently discussing research agreement/collaboration with leading global pharmas

*Source: Oncology Drugs Market size by Globe Newswire

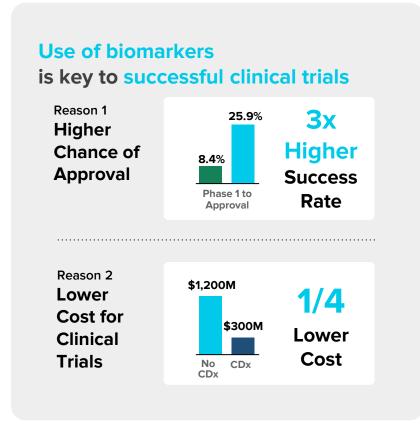


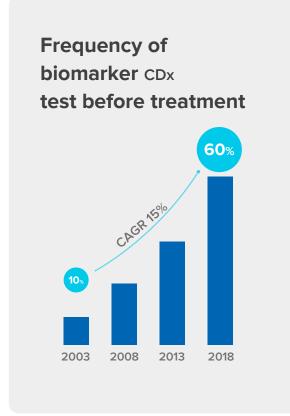
Personalized Approach is Key to Anti-Cancer Treatment





Why Pharmas Need Biomarkers





Global anti-cancer treatment solid tumor revenue ranking

Unit: B\$

No	Drug	Pharma	Revenue 2020	FDA Approved Biomarker (CDx)
1	Keytruda	Merck	14.38	PD-L1, MSI, TMB
2	Opdivo	BMS	7.92	PD-L1
3	Ibrance	Pfizer	5.39	ER/PR
4	Avastin	Roche	5.32	-
5	Tagrisso	Astra- Zeneca	4.33	EGFR
6	Herceptin	Roche	4.23	HER2

Source: ARK investment Management LLC

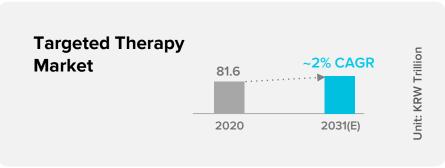
Source: Vadas et al, J Precision Medicine



Lunit SCOPE Development

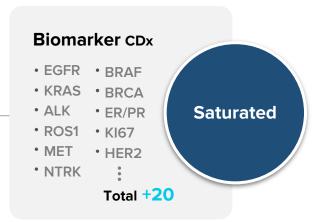
The Next Cancer Treatment is Immunotherapy

Targeted Therapy

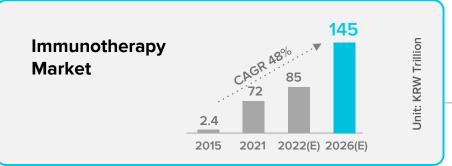


Source: Targeted Therapeutics Market by Transparency Market Research

Focus on genomic mutation Directly targets certain DNA mutations



Immunotherapy



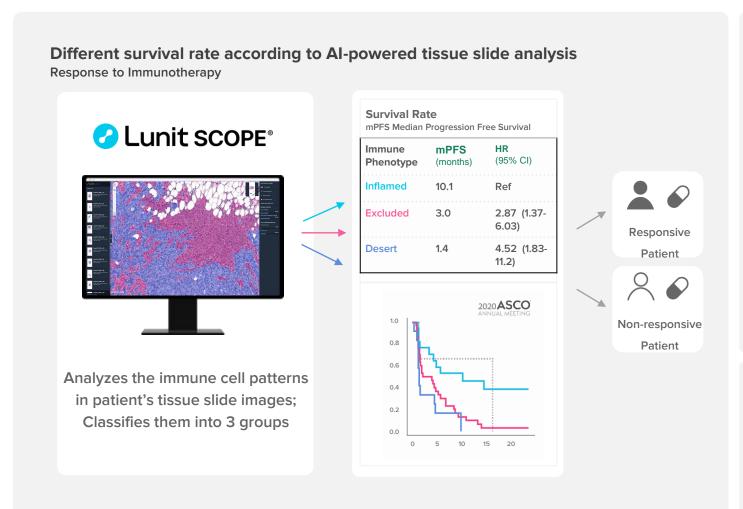
Source: Publicly disclosed information, The Business Research Company







Accurately Identifies Patients Responsive to Immunotherapy













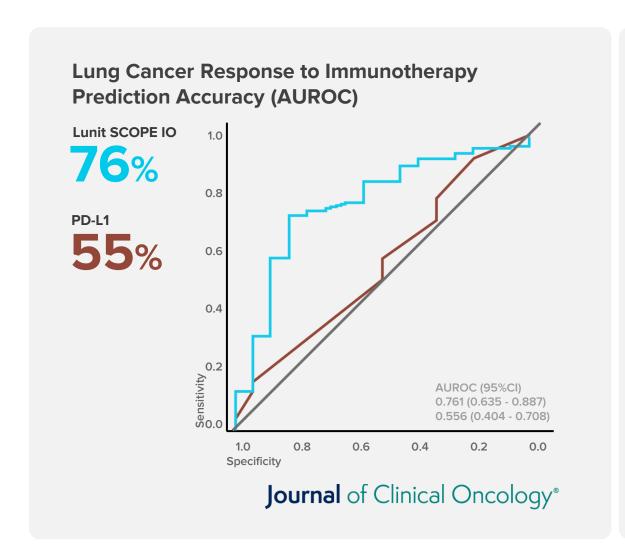








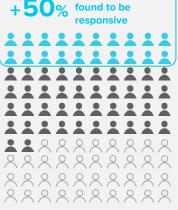
Accurately Identifies Patients Responsive to Immunotherapy



Increasing Treatment Efficacy through
Predicting Treatment Response

PD-L1
PD-L1+ Lunit SCOPE IO
62%
Only 42% of patients are qualified for immunotherapy
immunotherapy

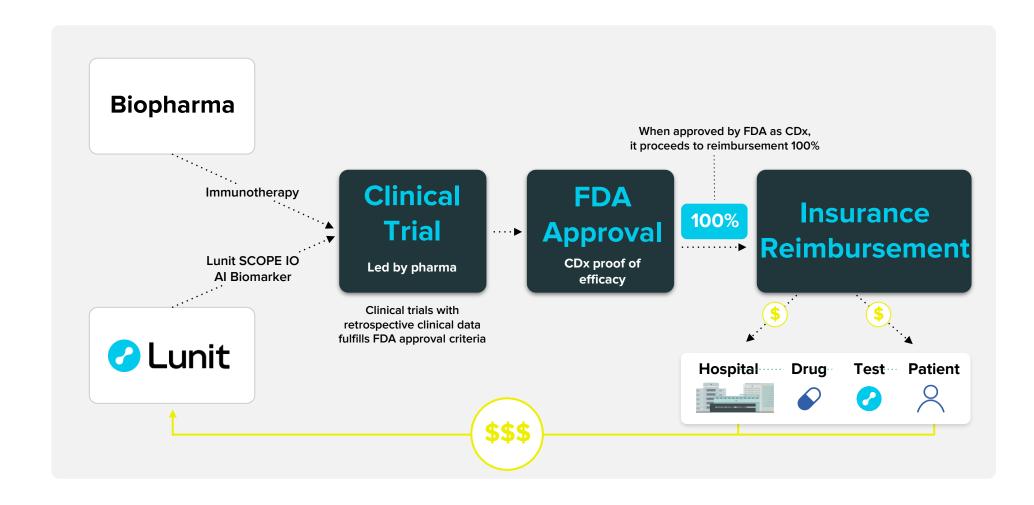
more patients are found to be responsive
responsive



ASCO

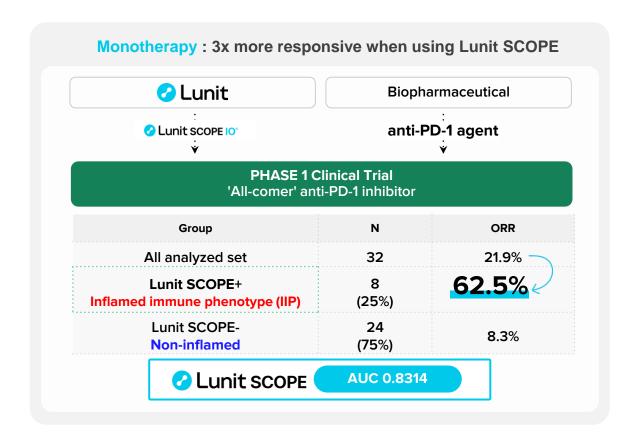


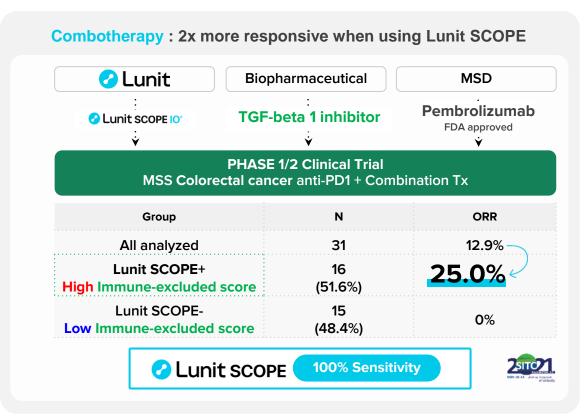
Business Model | Companion Diagnostics (CDx) through Al-based Biomarker





Initial Achievements from Collaboration with Pharmas







In discussion with 10+ drug development companies for collaboration agreement



Authorized to use Al in clinical trials; in discussions for agreement

Global Big Pharma

Currently discussing research agreement/collaboration with leading global pharmas



Pharma Collaboration and Sales Channel through Partnership



Guardant Health?

- Global #1 in Liquid Biopsy
- Founded in 2011
- NASDAQ listed in 2018: GH
 (Market Cap \$13B, Jul 2021)*
 2021 Revenue: \$360M



CLIA Lab



- Lunit Al products are installed in Guardant Health's CLIA certified Lab
- Provided with Guardant Health products

Pharma Network

70 out of global top 100 pharmas collaborate with

Guardant Health



Sales from Research Use Only

early revenue generation

Co-Research
CDx agreement



80% of US Oncologists

use Guardant Health products



Secured hospital customers

Through GH's existing sales network



THANK YOU

