# Conquer Cancer through Al



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# **Company Overview**

**2023 INVESTOR RELATIONS** 





About Lunit Since 2013 | 1st Generation Medical Al Company | Listed in KOSDAQ since 2022

### **Global Investors**

**Backed by leading global investors** 

Raised \$122M while unlisted

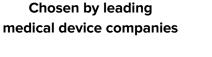
Foreign investment =\$73M 60%

- 15% of global shareholders after IPO
- → Top 7% of KOSDAQ listed 1,600 companies in Korea



### **Global Partners**

**Established partnerships with industry giants** 



FUJIFILM PHILIPS

Chosen by leading bio companies

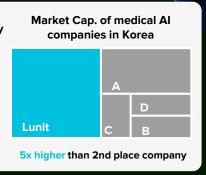
(A) GUARDANT

Multiple global pharmas

# **Industry Leader**

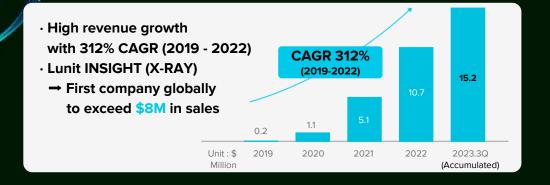
**Best-in-class Al technology and products** 

- Unprecedented "AA-AA" highest level in technology assessment among healthcare companies
- Best performance proven by direct comparison with global competitors in various studies
- Highest market cap. among listed medical Al companies (2023.09)



# **Commercial Success**

Successfully scaling out revenue growth



# **Core Competence**

# #1 Technology



### **Strong Foundation**

**Tech-based startup** 

Six cofounders from KAIST

**Al Researchers** 

- First deep learning startup in Korea
- Top-tier AI researchers

**Software Developers** 

**66** 23%

**47** 16%

KAIST

### Cofounders



**Anthony Paek** Former CEO & **Executive Chairman** 





**Cancer Screening** Chief Product Officer



Minhong Jang Cancer Screening **Chief Business Officer** 



Kyunghyun Paeng Chief Product Officer



Jeongin Lee VP of IT & Infrastructure



### **Best-in-Class A.I.**

Global leader in AI technology

- Top-tier proprietary AI technology
- 30+ papers presented in top AI conferences
- Large-scale medical data for R&D (N = +4 million cases)

### **Top Ranked in AI Competitions**

### 2015

Main Task (CLS-LOC)

IM. GENET



Challenge Tumor Proliferation



2017 Camelyon



Microsoft 1 Microsoft 5 Lunit Lunit 7 Google Google

1 Lunit

2 IBM 3 Microsoft

1 Lunit 2 Harvard Univ. Eindhoven... Univ. of Tech

IRM Microsoft

Lunit

Lunit HARVARD



### **Global Recognition**

International spotlight

• The **only Korean company** spotlighted by World Economic Forum, CB Insights

WØRLD ECONOMIC FORUM

### 2020 / 2022 / 2023

**TECHNOLOGY PIONEER / GLOBAL INNOVATOR /** ASSOCIATE PARTNER



2017 **CB** Insights **AI 100** 



2019 / 2020 / 2021

**CB** Insights **DIGITAL HEALTH 150** 

**Forbes** 

Newsweek



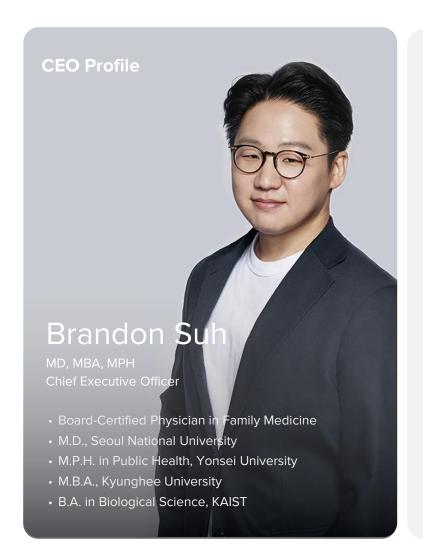


Technology Review



# **Core Competence**

### **#2 Medical Expertise**



### 13 Full-time Physicians at Lunit



**Chanyoung Ock** Oncology

Yoojoo Lim

Oncology

Seunghwan Shin

Rheumatology



Kihwan Kim Radiology



Taebum Lee **Pathology** 



Sanghyup Lee **Wonkyung Jung Pathology** 



Radiology

Changho Ahn endocrinology



Radiology



Ambika Seth Radiology





John Jongseok Ahn **General Physician** 

### Renowned Scholars as Advisors





Tony Mok Oncologist of AstraZeneca



Linda Moy east Radiologist **KOL/RSNA** 



Oncologist KOL in immunotherapy



YoungKwang Yung-jue Bang **KOL** in Korea

### **Publications in Major Peer**reviewed Journals

**Journal** of Clinical Oncology\*

THE LANCET JAMA Oncology



ASCO

European Radiology

REPORTS

**AACR** 

Radiology

**RSNA** 

Clinical Infectious Diseases



**XUSCAP** 

### **Research Partnerships**

























**Company Overview** 

# **Core Competence**

### **#3 Global Business**

### Global Talents at Lunit



Ken Nesmith **CEO** of Lexent Bio (acquired by Roche/ Foundation Medicine)



**Chris McKinney Business Development** ead at GE and



Michael Hreczuck **Business Development** 



Antoine Khoury Business Development



Thijs Kooi Published Al research papers in top Al



Sergio Pereira Leading AI researcher in medical imaging



Wei-cheng Wang Development lead at Yahoo and Foxconn



**Ambika Seth** esearch for Al startups

**International Colleagues** (non-Koreans)

**53** 18%

### **Global Investors Back Lunit**

- \$73M funded by overseas investors (60% of total funding)
- First Korean medical device company invested by major US healthcare VCs (Pre-IPO funding round)
- Multiple strategic investments by industry leaders















International Shareholders by Company (2023.09.30)



+15%

- Top 7% of 1,600 KOSDAQ listed companies
- 1st among Healthcare Technology sectors in Korean stock market

**SAMSUNG BIOLOGICS** 

**10**%

companies



VUNO JLK INSPECTION [DEEPNOID] < 5%

### **Global Sales Channel through Strong Business Partnerships**

Global market share of device partners

**FUJIFILM HOLOGIC** 



SECTRA







US Oncologists using Guardant Health products



### **Global Big Pharma**

**Currently discussing** research/collaboration agreement with multiple big pharmas

# Conquer Cancer through Al

Increase cancer survival through Al-powered cancer diagnosis and treatment

Cancer diagnosis support solutions



+50%

50% more patients can be screened earlier



**Flagship Lunit INSIGHT CXR / MMG** 





Mammography



Chest CT



3D Mammo (DBT)

Increase Survival of **Cancer Patients** 

Al research

platform

Cancer treatment support solutions

Lunit scope®

+50%

50% more patients can be eligible for immunotherapy



**Flagship Lunit SCOPE IO** 



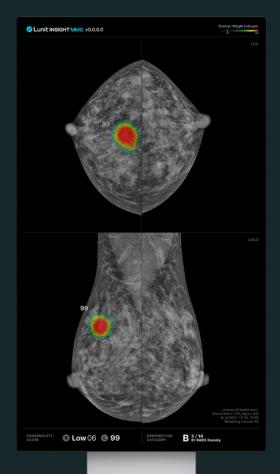


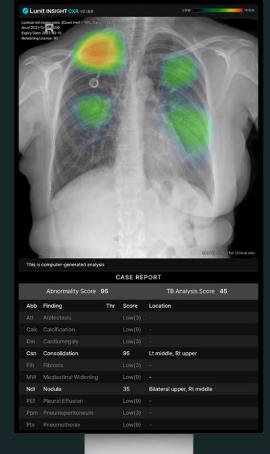


Tissue

# **Lunit INSIGHT®**

**2023 INVESTOR RELATIONS** 











# Accurate and Effective Detection of Cancer

Needs

### **Current limitations in cancer** diagnosis/screening

Missed Cases

30% 1) 2)

False Negative Rate 3)

Chest X-Ray and Mammography

**Unnecessary Tests** 

False Positive Rate 4)

Mammography

### Focusing on major cancers

**Lung Cancer** 

**Breast Cancer** 

Global incidence rate

Global incidence and

mortality rate

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

5) SEER Cancer Statistics Review, 1975-2015

**Product** 





**Effect** 

### **Increase interpretation** accuracy and efficiency

Interpretation

Earlier

Unnecessary Recalls

Exam Result Turnaround Time X

# Higher Reading Accuracy | Better performance than specialists, proven in major studies

Evidence **Extensively** validated through studies Studies/abstracts

> THE LANCET Digital Health

JAMA Oncology

Radiology

JAMA Open.

**RSNA**°

REPORTS

Clinical Infectious Diseases

European Radiology



ВМС Pulmonary Medicine

AJR

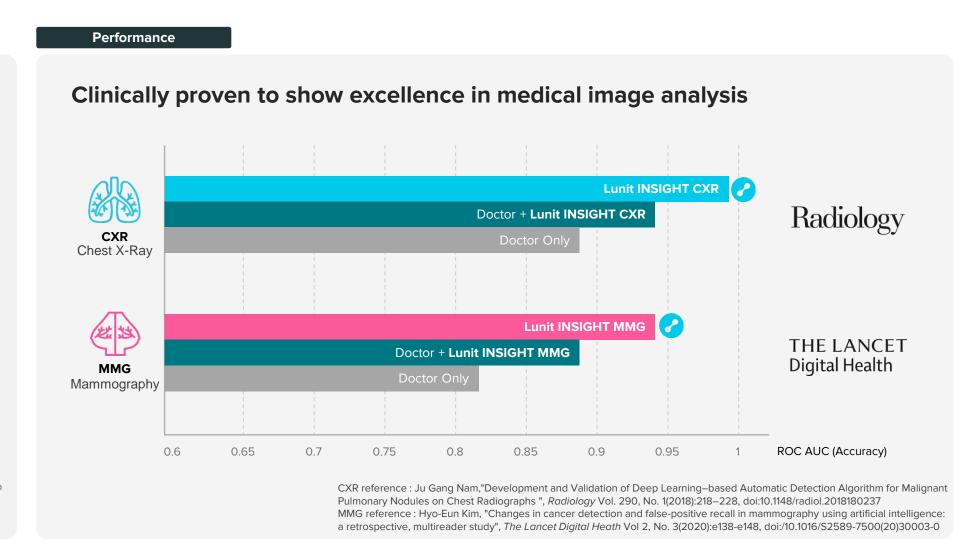
ACTA RADIOLOGICA

ITD

THE LANCET Regional Health Americas



EUROPEAN RESPIRATORY journal





# Earlier Diagnosis | Higher reading accuracy leads to earlier diagnosis of cancer

### When Using Lunit INSIGHT

of lung cancer patients can be diagnosed earlier when analyzed by Lunit **INSIGHT CXR** 







**Impact of Earlier Diagnosis** 

Significance of Early Diagnosis

in Lung Cancer 4.3x Survival Increase

Diagnosed Stage 1,2

5-Year-Survival

5-Year-Survival Diagnosed Stage 3, 4

Reference: AJCC 8th Edition

of breast cancer patients can be diagnosed earlier when analyzed by Lunit **INSIGHT MMG** 

Case)





**Detected by AI (99.9%)** Diagnosed

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

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

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

Lunit 2023 INVESTOR RELATIONS

12

\*Randomized Controlled Trial

**Lunit INSIGHT Value** 

# Real World Evidence | Building solid evidence through prospective studies

Study Method

What is prospective study?

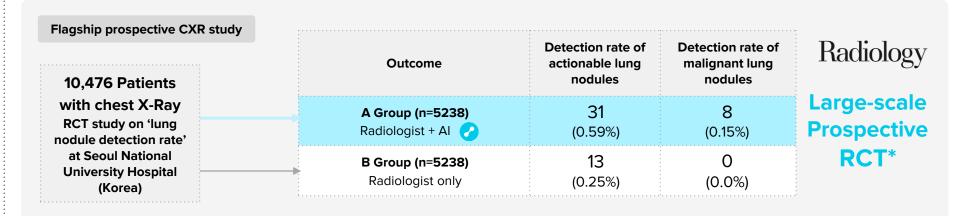
Study designed Retrospective **Prospective** 

> Outcome is measured after the baseline state of the subjects is determined and controlled intervention applied.



Higher possibility to receive reimbursement if backed by prospective studies

### **Lunit INSIGHT CXR**

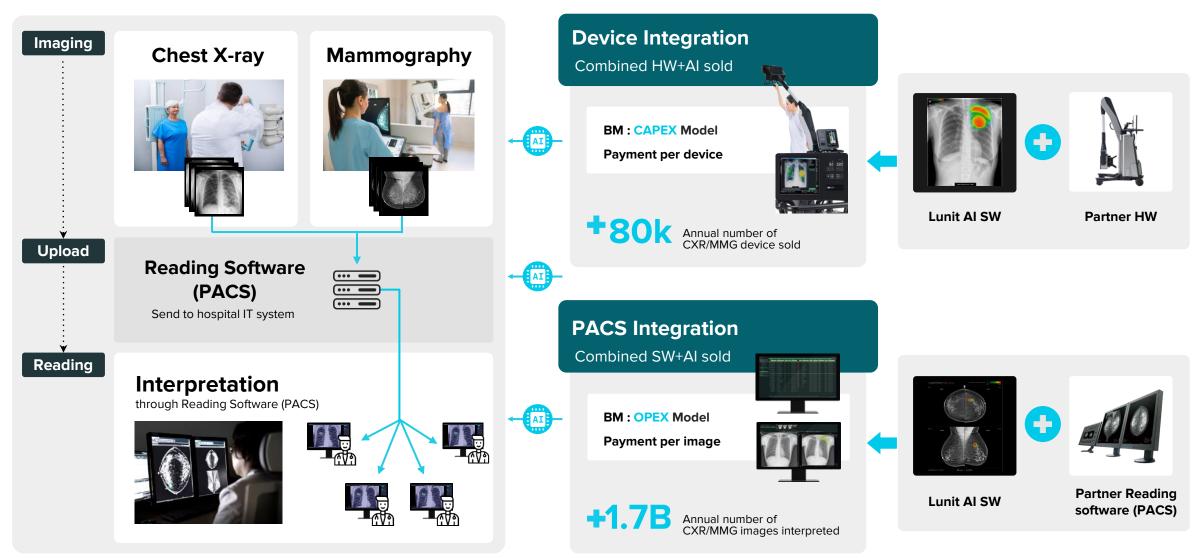


### Lunit INSIGHT MMG

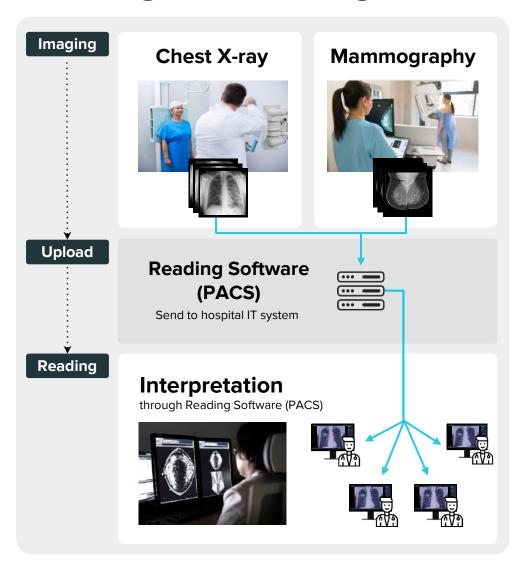
: Research method in which subjects are randomly divided into control and experimental groups for comparison

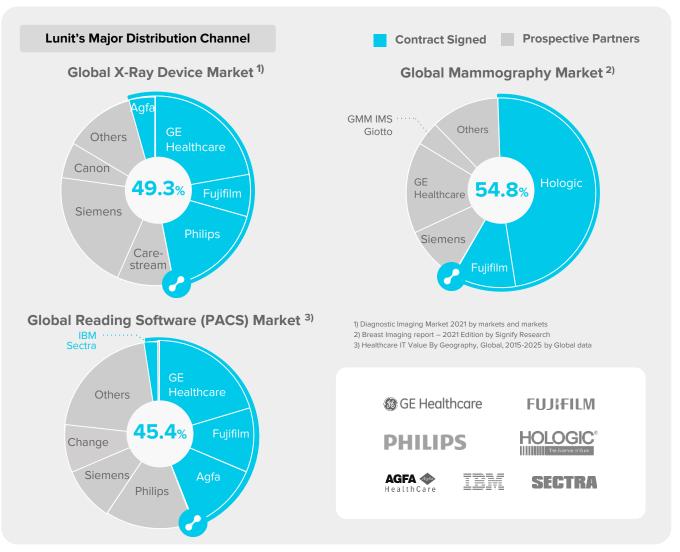
Flagship prospective MMG study	Outcome	Detection rate of cancer per 1,000 women	Recall rate per 1,000 women	THE LANCET Digital Health
55,579 women screened for	<b>1</b> Radiologist + Lunit INSIGHT MMG	4.3	28	Digital Health
breast cancer Study on 'Double Reading' by Karolinska Institutet (Sweden)	<b>2</b> Radiologists	4.1	29.3	Large-scale Prospective
	Lunit INSIGHT MMG 🕜	4.1	15.5	Study

# Distribution through Integration into Imaging Platform



# Scaling out through Global Partnerships







# **Key Success Factor: Proven to Be Best-in-Class**

### Accuracy

**Superior Performance** 

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



IF 24.799<sup>1)</sup>

### **Comparing 3 Commercial Mammography Al**

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

	Lunit	Company A	Company B
Al	✓ Lunit INSIGHT MMG°	Algorithm A	Algorithm B
Sensitivity	81.9%	67.0%	67.4%
Accuracy (ROC AUC)	95.6%	92.2%	92.0%

1) Impact factor, Top 7 among Oncology Journals

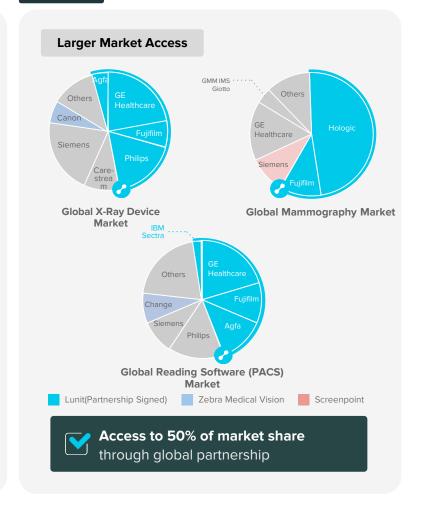


### Research

### Robust Research (SCIE Journals<sup>2</sup>) # of Company (Country) Modality **Journals** 50 Lunit Qure.ai Chest X-Ray Oxipit Zebra Others (>10) None 25 Lunit ScreenPoint 15 Mammography Zebra 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





# **Current Commercialization Status**

Usage

Number of paying sites worldwide 1

**Global Customers** 

90%

**Lunit Users among** Top 10 Hospitals in Korea<sup>2</sup>

Chest X-Ray exams in Korea<sup>3</sup>

10%

**Analyzed by Lunit INSIGHT CXR 2021** 

Lunit INSIGHT MMG Users among

45 Large Hospitals in Korea

ides demo and research use; only commercial sales 2) Newsweek. World's Best Hospitals - South Korea. 2020;

### **Partner Testimonials**

First AI company collaboration for our x-ray business

**GE Healthcare** 

— General Manager K★★

"This is actually out first AI company collaboration for our x-ray business. The offering will be available on all of GE digital, fixed, and mobile, and even fluoroscopy. Leveraging the long-term established expertise, that GE has on x-ray equipment in combination with Lunit's technology will help to keep up with the customer needs, care deeply about patients and diagnosing physicians or radiologists."

Felt very high customer satisfaction \*\*\*





— Global Marketing Manager M<sup>⋆</sup>⋆

"In Japan especially, many of the elder people cannot move from home to the clinic to take x-ray. Our x-ray with Lunit Al can visit to take x-ray immediately at home, so it is a significant difference. After we used Lunit Al in the market, I didn't have any complaints. From Fujifilm's standpoint, whatever Al lunit made has a very high quality, so we would want to implement it in our x-ray system or PACS system. Customers have already started to use Al and expect more support."

Lunit has both strong clinical record and national scalability



Global Software Product Manager P\*\*

"Lunit has a strong clinical validation track record and is registered in Europe and also more than 19 countries, making it an excellent partner for developing solutions that bring our customers intelligent and definitive answers to their daily needs.

We believe that the integration of Lunit's Al in Agfa's advanced medical imaging workstation will help facilitate more effective clinical workflows in various hospital situations."



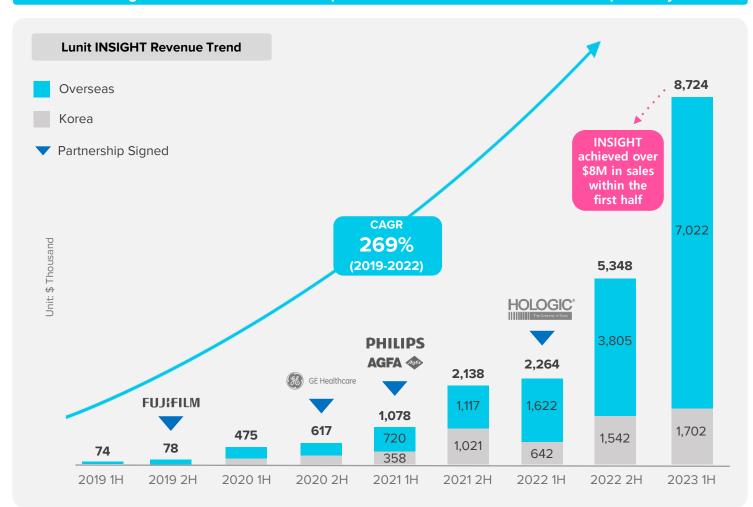
Lunit 2023 INVESTOR RELATIONS

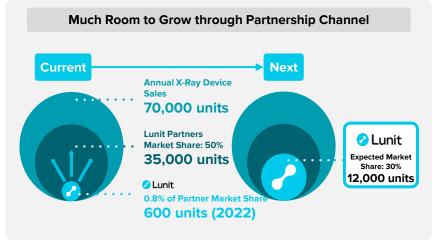
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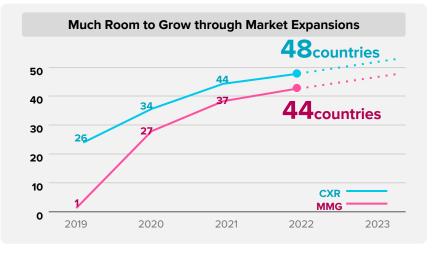
<sup>3)</sup> Source: KOSTAT.go.kr Appx, 40M Chest X-ray exams performed annually in Korea

# **Exponential Revenue Growth Expected to Continue**

### Scaling out business and sales as partners and markets are activated sequentially







### **Lunit INSIGHT Business**

# Next Step Becoming global standard of care by B2G expansion and successful reimbursement

Europe

B to G

**National Cancer Screening Programs** 

**NSW** 

### **First Case**

### **Selected into Australia's National Breast Cancer Screening Program**

### BSNSW (BreastScreen New South Wales):

A free national breast cancer screening program in NSW (MMG every 2 years to women over 40). The first case globally in which an Al-based solution is being applied in a national cancer screening program.





+10 countries in discussion. B2G business expansion expected in near-future



### Reimbursement

### Al can reduce burden caused by **Double Reading in Europe**

	Outcome	Detection rate of cancer per 1,000 women	Recall rate per 1,000 women
+ Lur	1 Radiologist nit INSIGHT MMG	4.3	28
:	2 Radiologists 🕜	4.1	29.3
Luni	t INSIGHT MMG	4.1	15.5

AI + one reader outperforms Double Reading Detection Rate of Cancer △ / Recall Rate ▽

Clinical evidence to replace one reader of double reading system (unique in Europe)

### Possibility of reimbursement in Europe \( \triangle \)

EU, 암 정복 위해 우선 '조기 진단'에 힘 쓴다

"2025년까지 대상 인구 90% 유방암·자궁경부암·결장 직장암 검진 받을 수 있도록 한다"

최윤수 기자 ijysc0229@yakup.com 💿 기자가 쓴 기사 더보기

### Korea

### Government Regulation v / Support A



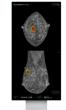


의 방식으로 **규제가 완화**된다. 아울러 국내 **의료기기**에 향후 5년간 **민간과 정부**가 연구개발(R.





2020.09 Selected as an Innovative Medical Device



### **Lunit INSIGHT MMG**

2021.09 Selected as an Innovative Medical Device

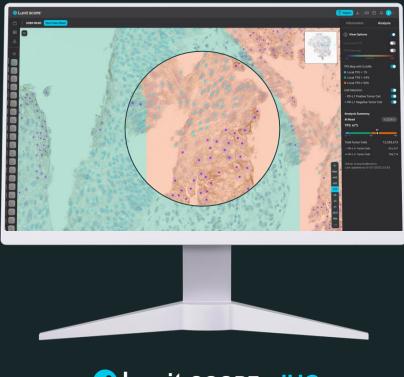
19

### Possibility of reimbursement in Korea \vartriangle 🗅

# **Lunit SCOPE®**

**2023 INVESTOR RELATIONS** 







✓ Lunit SCOPE uIHC

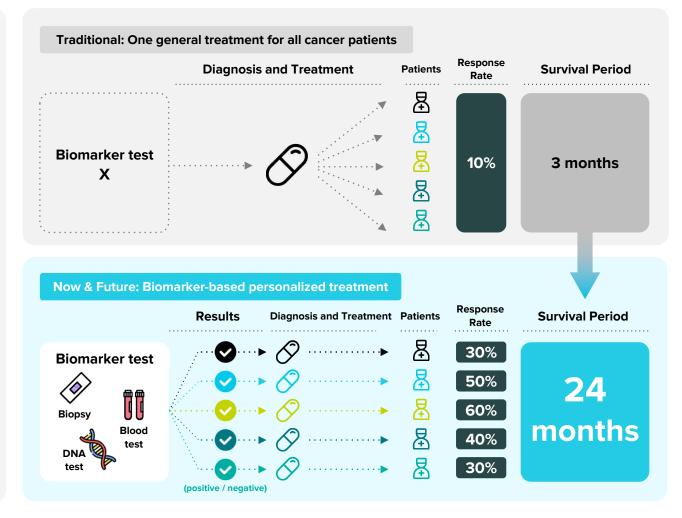


# Personalized Approach Is Key to Cancer Treatment

### **High Complexity in Cancer**



### **KEY: Personalized Treatment by Biomarkers**



### **Lunit SCOPE Development**

# **Lunit SCOPE: Novel Biomarker to Immunotherapy**

**1st generation (1940 - )** 

Chemotherapy

Biomarker test X

2nd generation (2000 - )

### **Targeted Therapy**

Biomarker test O = Genetic test



Directly targets certain DNA mutations

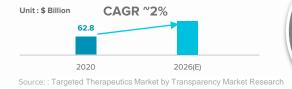
### Detects and attacks fast-growing

cells recognized as cancer cells

### **Biomarker** CDx

••• Total +20 HER2

### **Targeted Therapy Market**



**Saturated** Market

### 3rd generation (2015 - )

### **Immunotherapy**

Biomarker test O = Analyzing tissue cells



2015

Activates immune cells to kill cancer cells

Not related to DNA mutations

### **Biomarker** CDx

PD-L1 (2015~) MSI (2017~) TMB (2020~) Total 3



2022(E)

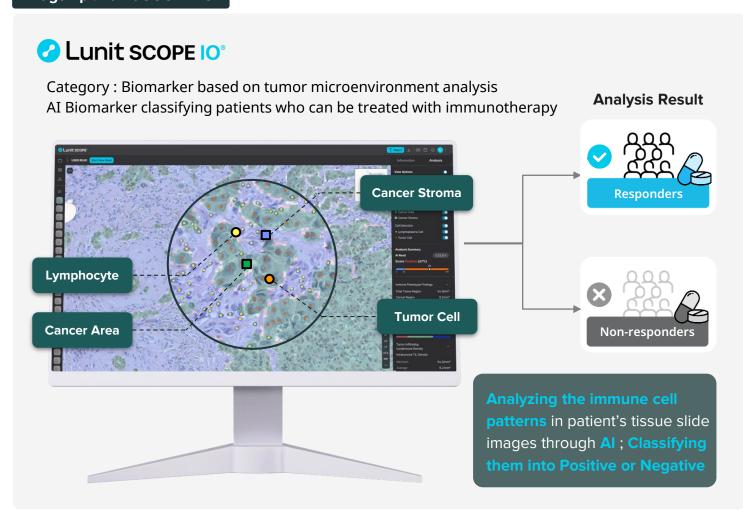
2021

**Optimized target for Lunit with** 

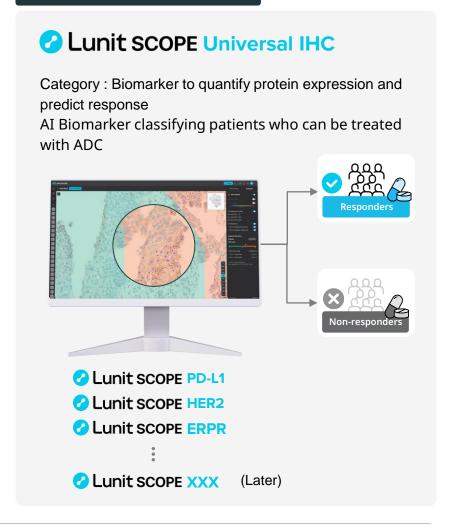
large-scale AI image processing technology

# **Next Generation Al-powered Biomarker**

Flagship: Lunit SCOPE IO



**Others: Lunit SCOPE Next** 



# **Accurately Identifies Patients Responsive to Immunotherapy**

### **High Prediction of Response to Immunotherapy**

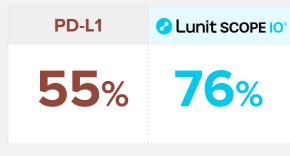
SCOPE Classificat ion	Immune Phenotype	mPFS (months)	HR (95% CI)
Positive	Inflamed	4.1	Ref
	Excluded	2.2	1.52
Negative	Desert	2.4	1.58

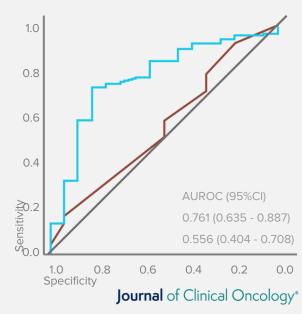
PFS	No.	ORR (%)	mPFS (95% CI)	HR (95% CI)	р
Inflamed	288	26.8	4.1 (2.8 to 6.2)	NA	NA
Immune- excluded	192	11.5	2.2 (2.0 to 2.8)	1.52 (1.23 to 1.88)	9.6 x 10 <sup>-</sup>
Immune- desert	98	11.2	2.4 (1.7 to 4.2)	1.58 (1.23 to 2.03)	4.1 × 10 <sup>-</sup>
1.0 - (%) 0.5 -	Joseph Marie Contraction of the				

Reference: Sehhoon Park, "Artificial Intelligence-Powered Spatial Analysis of Tumor-Infiltrating Lymphocytes as Complementary Biomarker for Immune Checkpoint Inhibition in Non-Small-Cell Lung Cancer", Journal of Clinical Oncology Vol 40, No. 17(2022):1916-1928, doi:10.1200/JCO.21.02010

Time (months)

**Accuracy Comparison Versus PD-L1** (already used biomarker)

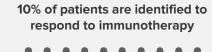


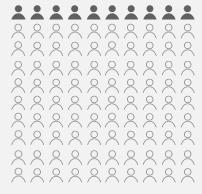


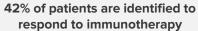
**Patient Selection Comparison Versus TMB/MSI** (already used biomarker)

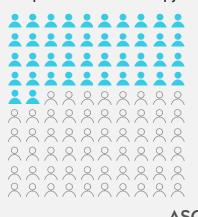


### Analysis on PD-L1(-) patients who would not be eligible for immunotherapy





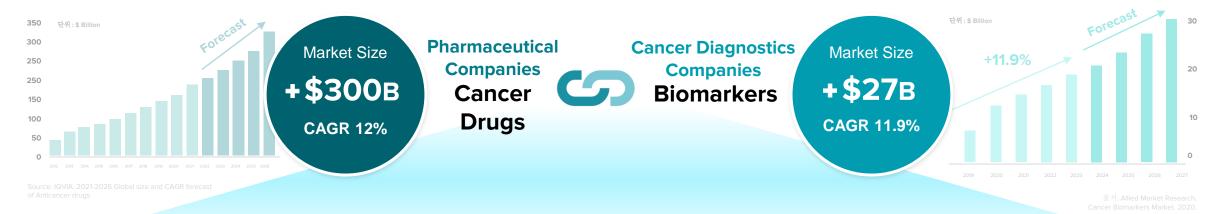




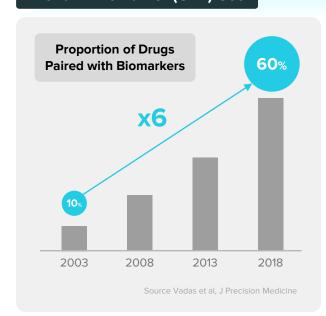
ASCO

### **Lunit SCOPE Market**

# Use of Biomarkers Is Standard in Cancer Medical Treatment



### Trend in Biomarker (CDx) Use



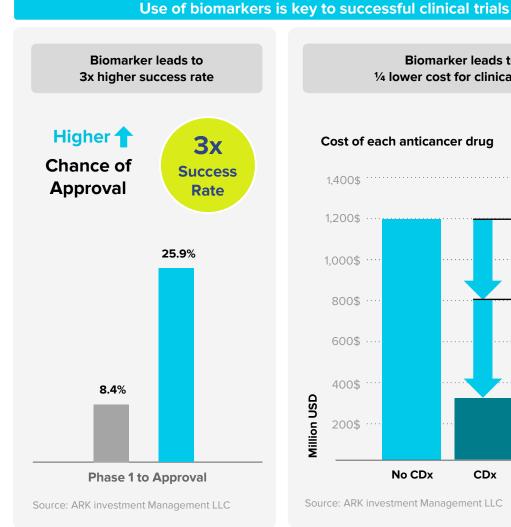
### **Global Cancer Drugs** (solid-tumor)

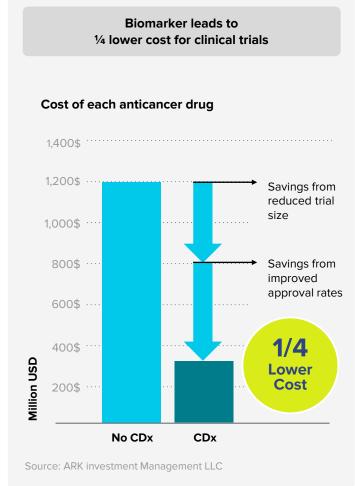
Reve	nue Rankir	ng		Un
No	Drug	Pharma	Revenue 2022	FDA Approved Biomarker (CDx)
1	Keytruda	Merck	20.94	PD-L1, MSI, TMB
2	Opdivo	BMS	8.25	PD-L1
3	Tagrisso	Astra- Zeneca	5.44	EGFR
4	Ibrance	Pfizer	5.12	ER/PR
5	Perjeta	Roche	4.30	HER2
6	Tecentriq	Roche	3.91	PD-L1
7	lmfinzi	Astra- Zeneca	2.78	PD-L1
8	Lynparza	Astra- Zeneca	2.64	BRCA
9	Herceptin	Roche	2.25	HER2
10	Avastin	Roche	2.23	-

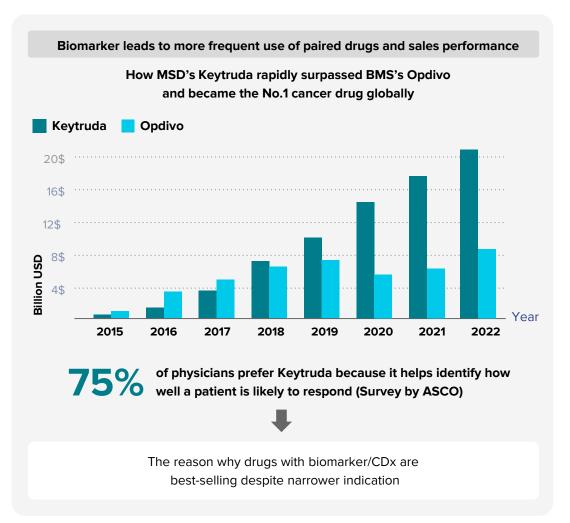
### Successful CDx Cases

APPROVED	Case 1	Case 2	Case 3
Biomarker	EGFR	HER2	ТМВ
CDx Product	Total Cober	CDX  FOUNDATION  MEDICINE	CDX FOUNDATION MEDICINE
Pairied Drugs	AstraZeneca 2	Roche	MERCK

# Why Pharma Actively Use Biomarkers (CDx)



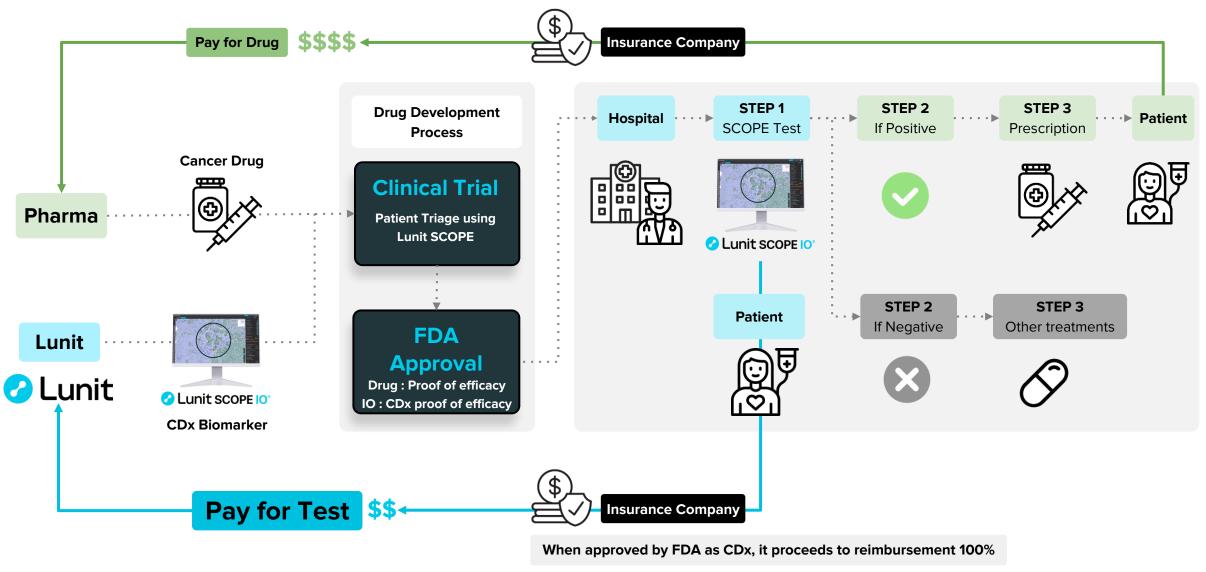






### **Lunit SCOPE Business Model**

# Business Model Paired with pharma's drug, generating high sales by active testing before treatment



# Proven to Be Effective in Pharma Clinical Trials

Monotherapy: 3x more responsive when using Lunit SCOPE IO Phase 1: "multiple cancer", anti-PD-(L)1 Inhibitor Ν ORR Group Anti-PD-(L)1 Pharma 32 All analyzed set 21.9% 62.5% Lunit SCOPE(+) Lunit Scope 10° (25%) Lunit 24 8.3% Lunit SCOPE(-) (75%)

+20 Global Big Pharma

TGF-beta inhibitor

Currently discussing research agreement/ collaboration with leading global pharmas

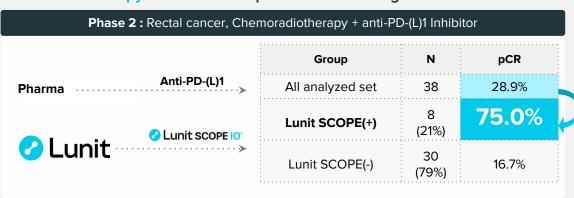
Combotherapy: 2x more	Combotherapy: 2x more responsive when using Lunit SCOPE IO			
Phase 1/2 : Colorectal cancer	r (MSS), TGF-beta In	hibitor + anti-F	PD-(L)1 Inhibitor	
	Group	N	ORR	

Pharma	Anti-PD-(L)1
<b>2</b> Lur	Lunit SCOPE IC

Pharma

Group	N	ORR	
All analyzed set	31	12.9%	
Lunit SCOPE(+)	16 (51.6%)	25.0%	
Lunit SCOPE(-)	15 (48.4%)	0%	

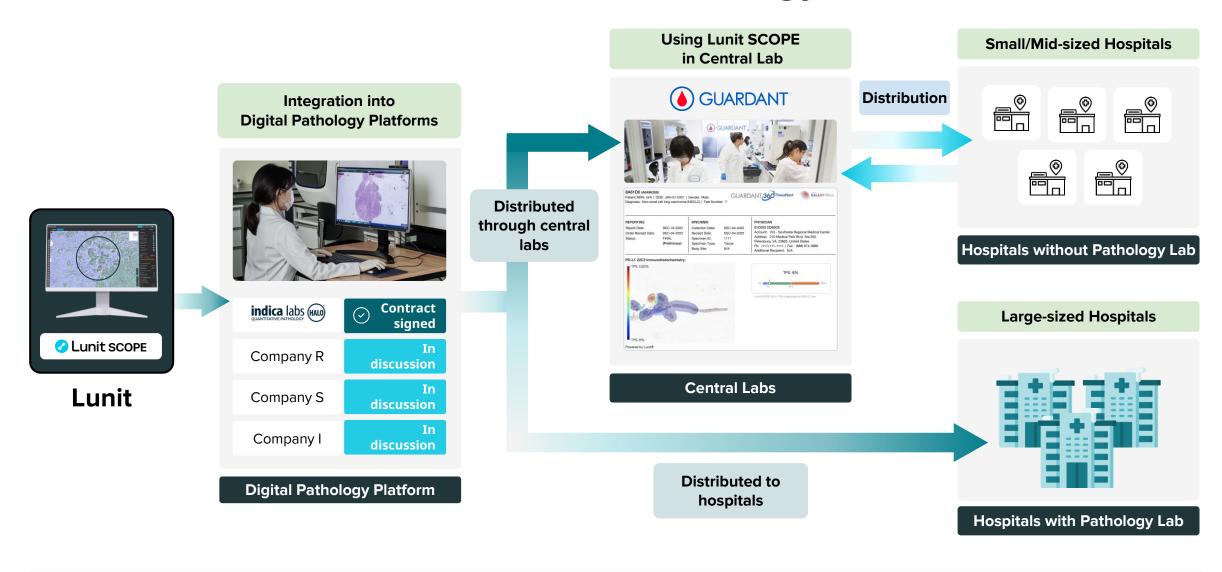
### Monotherapy: 2.6x more responsive when using Lunit SCOPE IO



### **Combotherapy: 1.6x higher PFS when using Lunit SCOPE IO**

Phase 2: Nasopharyngeal cancer, Chemotherapy + anti-PD-(L)1 Inhibitor					
Anti-PD-(L)1	Group	N	PFS rate (%)		
Pharma	All analyzed set	24	32.2%	H	
Chemotherapy →	Lunit SCOPE(+)	12 (50%)	<b>52.1</b> %	V	
Lunit CLUNIT SCOPE IO	Lunit SCOPE(-)	12 (50%)	0%		

# **Lunit SCOPE Commercialization Strategy**



Company Overview Lunit INSIGHT Lunit SCOPE Our Future Appen

# **Commercialization Roadmap**

**Biopharma Collaboration** 

Paired as biomarker for new drug development clinical trials

2021 -

# Early Revenue (RUO Sales) Clinical collaborations with big pharma to generate research revenue E.g.) Guardant Health 2019 Revenue \$214M 100% RUO sales Queen the sales The sales of th

# Lunit SCOPE IO Market FDA Approval \$27B market for cancer bio

Exponential increase in revenue

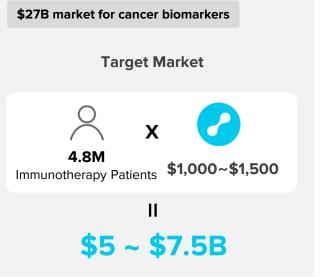
Approved as CDx product;

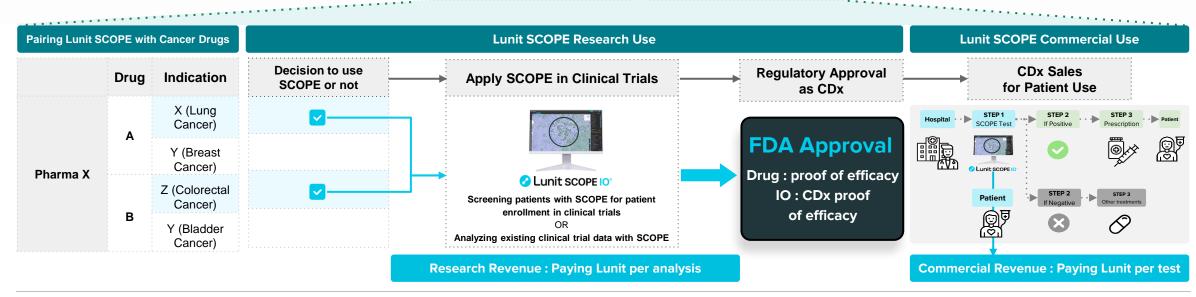
authorized for reimbursement

Increase in US Labs that order PD-

L1 tests

**CDx Approval Example PD-L1** 





✓ Lunit 2023 INVESTOR RELATIONS

2017 -

**Product Development** 

Lunit SCOPE®

**Lunit SCOPE Lunit SCOPE Next Steps** 

# **Al-powered "Comprehensive Histophenomic Profiling"**

1940 -

1st Generation

Chemotherapy

2000 -

2nd Generation Targeted Therapy

### CGP (Comprehensive Genomic Profiling)



- Comprehensive NGS-based biomarker panel mainly focusing on targeted therapy
- Accurate but slow (2~3 weeks)

Test Result	Matched Drug
EGFR mutation	Tagrisso, Iressa,
HER2 (ERBB2) amplification or overexpression	Enhertu, Perjeta, Herceptin,
BRCA1/2 mutation	Lynparza, Nerlynx, Rubraca, Talzenna,
ALK fusion	Alecensa, Zykadia, Alunbrig, Xalkori,
KRAS mutation	Lumakras, Krazati,
ROS1 fusion	Rozlytrek, Xalkori,
MET exon-skipping	Tabrecta, Tepmetko,
NTRK fusion	Vitrakvi, Rozlytrek,
FGFR2 fusion	Lytgobi, Truseltiq,
RET fusion	Retevmo,
:	: :

2015 -

**3rd Generation Immunotherapy**  2025 -

4th Generation

Antibody-drug Conjugate (ADC)

### CHP (Comprehensive Histophenomic Profiling)



Lunit SCOPE®

- Comprehensive tissue-based biomarker panel → Lunit's new approach
- Comprehensive and fast (<3 days)

Matched Drug (example)

anti-PD-(L)1 +/- anti-CTLA4

anti-PD-(L)1 +/- anti-CTLA4 anti-PD-(L)1 + anti-TGFB

anti-PD-(L)1 + IL7-agonist Chemotherapy + IL7-agonist

anti-PD-(L)1 + anti-VEGF

anti-PD-(L)1 + Macrophage-modulators

### **Test Result**

Lunit SCOPE IO (Inflamed)

Lunit SCOPE PD-L1 (Inflamed)

Lunit SCOPE IO (Immune-Excluded, Fibroblast)

Lunit SCOPE IO (Macrophage) Lunit SCOPE IO (Blood Vessel)

Lunit SCOPE HER2

Lunit SCOPE uIHC - TROP2

Lunit SCOPE uIHC - ROR1

Lunit SCOPE uIHC - PSMA

Lunit SCOPE uIHC

anti-TROP2 ADC anti-ROR1 ADCs

PSMA-targeted PET

anti-HER2 ADCs

**Novel Target ADCs** 

Lunit SCOPE will become a widely used biomarker panel

for immunotherapy and ADCs



# **Our Future**

2023 INVESTOR RELATIONS



### Solution

# **Our Direction**









**Al Application Developer** 



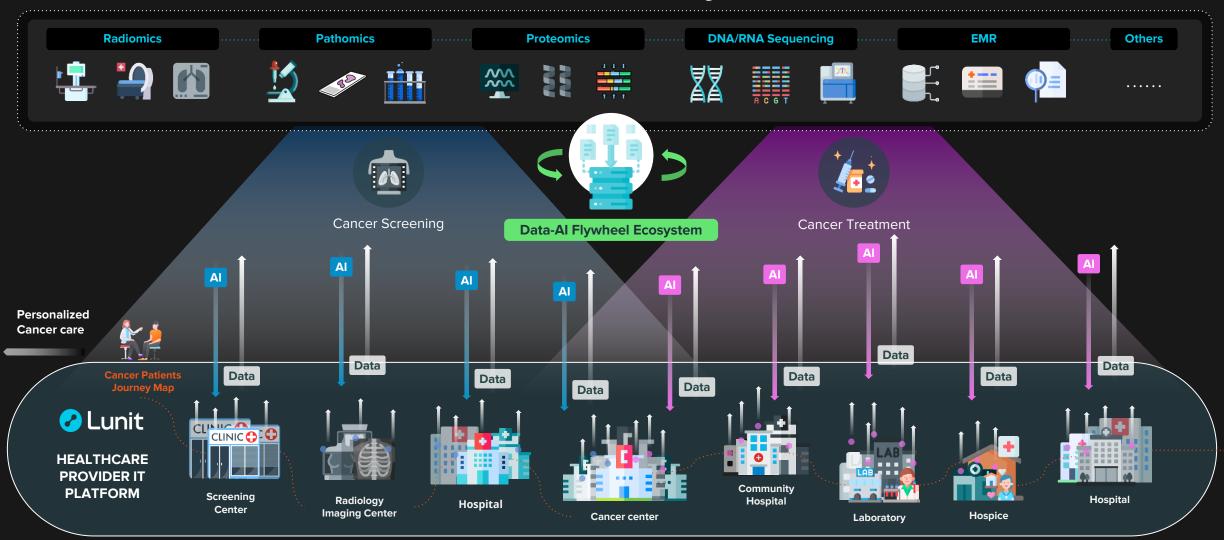
**Al Platform Developer** 





## **Lunit's 10-year Master Plan**

Lunit's Cancer Al-Data Platform | Federated Learning Scalable Multiomics Al Platform



**2023 INVESTOR RELATIONS** 

# Why Platform Approach?



# Data, Data, Data

- Only way for scalable data procurement and permanently gain competitive advantage
- Easy customer data access required for customization (few-shot learning)



# **Maximize value to patients**

- Comprehensive multi-omics approach requires platform integration → Outcome
- Cost efficiency through economies of scale
- Access & Continuity of care



# **Independence from partners for** distribution (esp. major markets)

- Partners are often narrow-minded in trying to mainly sell their own hardware/software
- This poses a major risk long-term, although valuable in the short-term



# **Maximize revenue through** direct and indirect value creation

- Going beyond revenue generation through Al product sales
- Platform approach significantly increases our total addressable market size

2023 INVESTOR RELATIONS

# **Cancer Screening**

### **Autonomous AI - CAD**

State-of-the-art AI → Autonomous AI

- Our Al products will soon reach very high accuracy level, close to 100%
- It will be cost-efficient and effective to let Al run autonomously on routine cancer screening imaging tests



2023 INVESTOR RELATIONS

### **Al-Powered Risk Assessment**

**Personalized Cancer Screening** 

- Al can accurately predict future incidence of cancer incidence
- Risk stratification will enable more effective and cost-efficient cancer screening



### Whole-body MRI AI

### **Pan-cancer Coverage Key**

- Rather than going organ by organ, which leads to high costs
- One imaging to cover all cancer types will enable effective and cost-efficient pancancer screening



MRI of the Whole Body

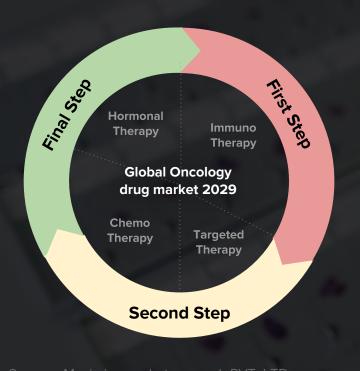
"Game Changer of Cancer Screening"

The state of the s

# Oncology

### **Cover All Types of Drugs**

Lunit SCOPE will be able to cover all types of oncology drugs



### **Multiomic Biomarkers**

**Lunit SCOPE will deliver optimal** cancer treatment through multiomics analysis







Genomics

**Pathomics** 

**Radiomics** 





**Metabolomics** 

**Proteomics** 

**Comprehensive Data Analysis** 

"Multiomics"

### **Drug Discovery & Development**

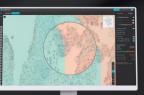
Lunit SCOPE biomarkers shall be applied to drug discovery/development



















Lunit

# Conquer Cancer through Al-powered Precision Medicine

Having strong faith that a data-driven approach is the future,

# Lunit will be the center of cancer care Globally become the new standard of care



# THANK YOU



# **Consolidated Financial Statements**

### **Statement of Financial Position**

Unit:KRW million

				OTILLAR VV ITIIIIOTI
	2023.3Q	2022	2021	2020
Current Asset	46,106	68,050	89,619	22,018
Non Current Asset	29,836	29,103	4,230	3,106
Total Assets	75,941	97,153	93,849	25,124
Current Liabilities	7,713	9,446	87,626	153,251
Non Current Liabilities	19,758	18,797	4,185	2,511
Total Liabilities	27,471	28,243	91,811	155,762
Capital Stock	6,191	6,114	4,635	401
Additional paid-in Capital	323,928	320,856	216,650	14,168
Others	366	142	5	-2
Deficit	-282,014	-258,202	-219,253	-145,206
Total shareholders' equity	48,471	68,910	2,038	-130,638
Course DADT Common V IFDC Audited				

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Unit:KRW million

Source: DART, Company K-IFRS		<b>55</b> , <b>5</b>		
Net Income	23,811	39,118	73,676	83,739
Income Tax	-	-	-	-
Income before Tax	23,811	39,118	73,676	83,739
Other Expenses	69	92	91	35
Other Income	66	43	461	245
Financial Income	2,090	2,060	28,909	63,275
Financial Loss	2,743	13,642	563	276
Operating Loss	24,461	50,651	45,700	20,951
Operating Cost	44,144	64,517	52,339	22,381
Operating Income	19,683	13,866	6,639	1,430
	2023.3Q	2022	2021	2020

Source: DART, Company K-IFRS Audited