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WHY MAUNA KEA?



DIFFERENTIATED TECHNOLOGY



- Cellvizio® proven proprietary cutting-edge opto-mechatronics and image processing software
- Leading the global adoption of real-time cellular imaging

COMMERCIAL STAGE



- 42% growth to \$11.4m 2023 revenue including \$5m U.S. revenue with 50% Pay-Per-Use
- Fully covered by Medicare and Medicare Advantage as well as multiple major thirdparty payors

GROWING MARKET OPPORTUNITY



 Current markets represent \$7B opportunity, with an additional \$1.3B potential through strategic partnerships

FINANCIAL DISCIPLINE



- Topline improvement with increased licensing revenues
- Dramatic reduction in U.S. commercial costs and G&A

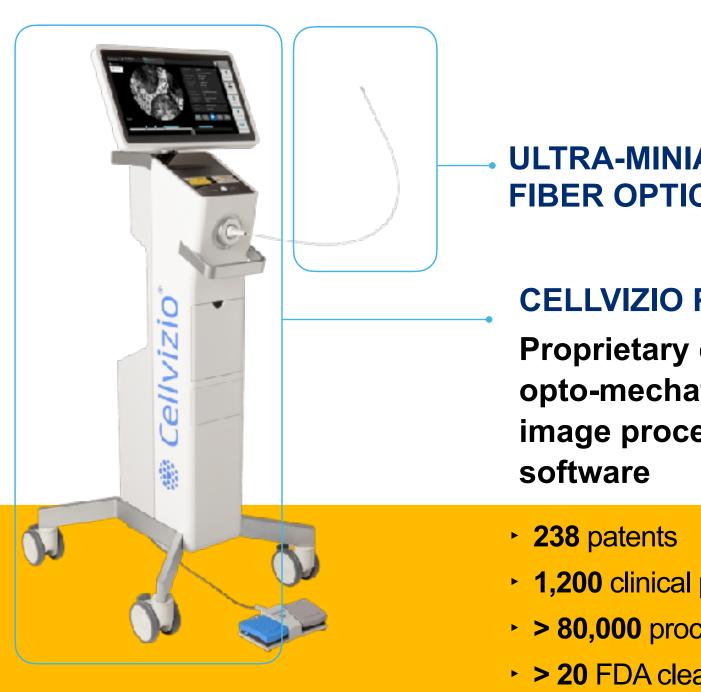
EXPERIENCED TEAM



- Leadership with 100+ years of experience in all fields of Medtech
- Battle-tested and highly connected

Equipping healthcare professionals with the most advanced tools to detect and treat diseases effectively, enhancing patient outcomes and advancing healthcare worldwide

CELLVIZIO® THE SMALLEST MICROSCOPE IN THE WORLD



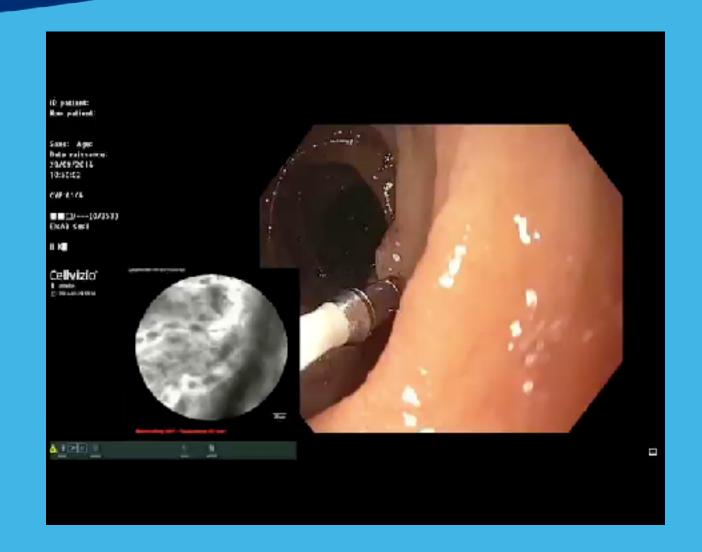


ULTRA-MINIATURIZED FIBER OPTIC MINIPROBES

CELLVIZIO PLATFORM

Proprietary cutting-edge opto-mechatronics and image processing

- ► 1,200 clinical papers
- > **> 80,000** procedures
- > 20 FDA clearances
- Cat. 1 CPT Codes



REAL-TIME VISUALIZATION OF CELLS AND CELLULAR ARCHITECTURE

HUNDREDS OF LIVE MICROSCOPIC IMAGES PER MINUTE INSTEAD OF ONE RANDOM / BLIND BIOPSY

ENDOMICROSCOPY CELLVIZIO SUCCEEDS WHERE CONVENTIONAL TOOLS HAVE FAILED



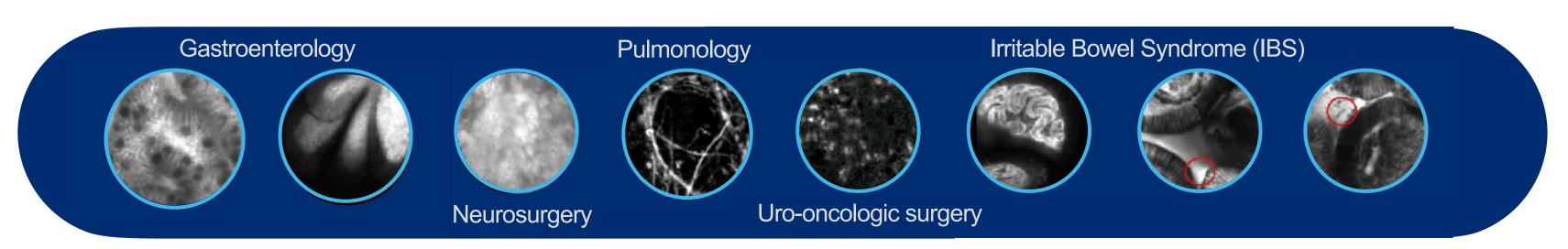
UNMATCHED DIAGNOSTIC ACCURACY

- ► 100% accuracy in cyst characterization
- ► +243% increase in detection of architectural changes associated with dysplasia
- ► 96% symptoms improvement associated with IBS after detection/exclusion of food intolerance

UNMATCHED BENEFITS

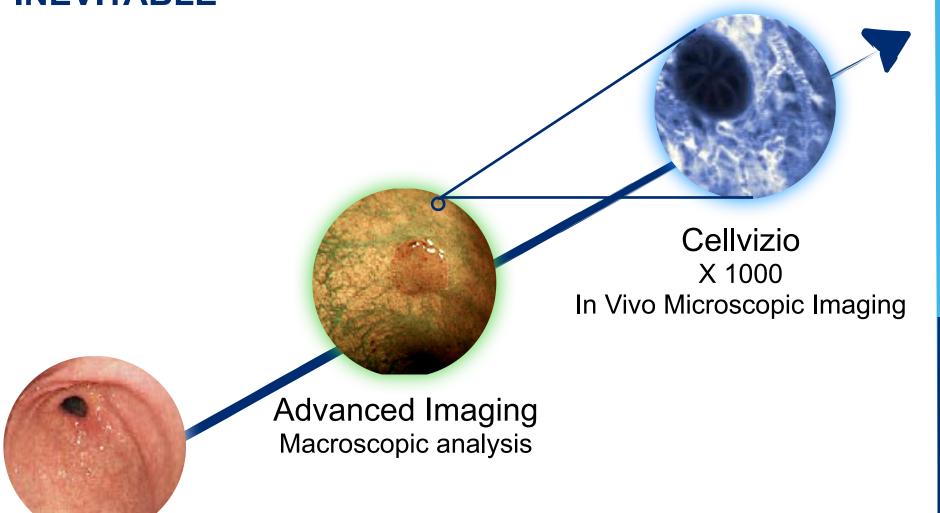
- Avoids unnecessary, invasive, sometimes morbid random biopsies
- Significantly improves diagnostic performance and speed

A DIFFERENTIATED AND PROVEN TECHNOLOGY APPLICABLE ACROSS A WIDE RANGE OF FIELDS



INVESTMENT OPPORTUNITY LEAD THE GLOBAL ADOPTION OF REAL TIME CELLULAR IMAGING

THE TREND TOWARD ADVANCED IMAGING IS INEVITABLE



CELLVIZIO WILL BE INDISPENSABLE FOR ANY PRECISION MEDICINE PROCEDURES



Interventional endoscopy / endoluminal robotics



Needle-based /
hybrid
interventions



Minimally invasive / robotics assisted surgery

 A miniprobe that can be incorporated into any robot platform and tools



Endoscope/catheter



Needle



Trocar



HD White light

X 30

Macroscopic analysis

MAUNA KEA TECHNOLOGIES A DISRUPTIVE INNOVATOR CREDENTIALED BY INDUSTRY LEADERS AND SHAREHOLDERS

THE SECTOR HAS REACHED A MATURE PHASE MARKED BY RECENT VIGOROUS AND SUSTAINED ACTIVITY

Booming field of minimally invasive interventions with massive influx of innovation

Advanced Imaging is key to provide real-time,
 high-resolution data for informed decision-making

Strong interest from industry leaders investing in our technology

 Cellvizio to play a key role in enhancing technologies and addressing new markets

Shareholder

Johnson Johnson

- R&D collaboration in interventional pulmonology
- Shareholder since 2019

Shareholder



- R&D collaboration in Urologic Oncologic surgery
- Shareholder since 2023

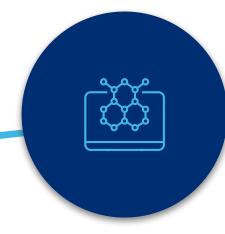
ATASLY

- Joint-Venture in China with commercial license
- R&D collaboration in neurology/ neurosurgery

STRATEGIC PRODUCT ROADMAP ALIGNED TO VALUE CREATION MANDATE

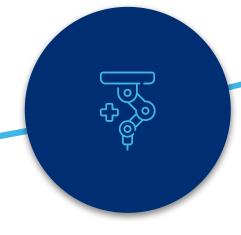


MOLECULAR CANCER IMAGING



- In vivo endoscopic visualization of targeted cancer cells
- 1st FDA clearance in 2022

ROBOTIC ASSISTED IMAGING



- Integrated navigation and data capture
- Smart needle probe localisation
- Agnostic exploration tools



CELLVIZIO IMAGING DATASETS

- Advanced prototype developed for various applications in GI

ARTIFICIAL INTELLIGENCE

Other applications in development

- In situ / In vivo endomicroscopic imaging data for multimodal datasets
- Development of foundation models, including IBD / IBS



CURRENT END MARKETS REPRESENT A MULTI-BILLION DOLLAR ANNUAL OPPORTUNITY



(Barrett's Esophagus, Stomach cancer, pancreatic cysts)

\$1B

HISTORICAL BUSINESS

revitalized with new business model and clinical data



GI - IBS (Food Intolerance)

\$6B

NEW BUSINESS

with huge potential, limited marketing investment so far





Neurology/ neurosurgery

\$0.3B



Uro-oncologic surgery

\$0.5B

JohnsonaJohnson

Interventional Pulmonology

\$0.5B

COMMERCIALIZATION PHASE



DEVELOPMENT PHASE



GI ENDOSCOPY: ACCURATE DIAGNOSIS OF BARRETT'S ESOPHAGUS TO PREVENT THE DEVELOPMENT OF CANCER

20% OF ADULTS HAVE GERD, POTENTIALLY LEADING TO ESOPHAGEAL CANCER

Metaplasia

Chronic Acid Reflux (GERD)

Common GI disorder affecting 20% of adults

Metaplasia

Barrett's Esophagus

Pre-cancerous condition than can be eradicated if detected

Dysplasia

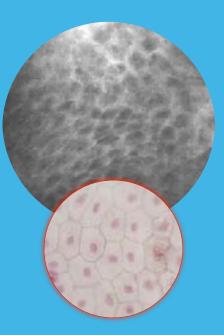
Esophageal Cancer

Low prognosis with 20% survival rate at 5 years

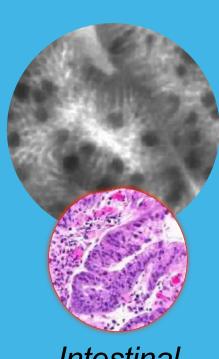
 91% of esophageal cancer patients failed to have a diagnosis of Barrett's Esophagus

THE USE OF CELLVIZIO DRAMATICALLY INCREASES DETECTION OF BARRETT'S ESOPHAGUS

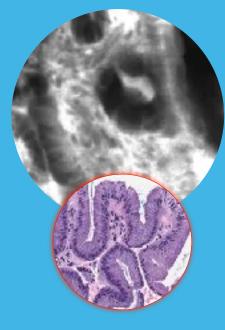
- +243% increase in the detection rate of Barrett's and associated dysplasia
- Improved accuracy in targeted physician's biopsies
- Reduced usage of additional health services
- FDA cleared/ Category I CPT code



Normal Esophagus



Intestinal Metaplasia



Dysplasia

PANCREATIC CYSTS: PROVEN SOLUTION TO AVOID UNNECESSARY SURGERY

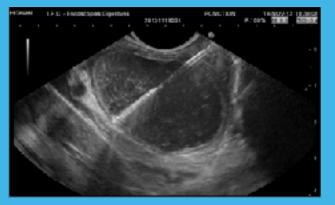
3% TO 10% PEOPLE HAVE PANCREATIC CYSTS, HARD TO CHARACTERIZE AS EITHER BENIGN OR MALIGNANT

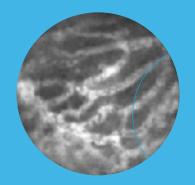
- Poor characterization accuracy of Radiology and Ultrasound Guided Fine Needle Aspiration (EUS-FNA)
- 30% of pancreatic cysts have the potential to turn into cancer
- 60% of patients with benign cysts undergo unnecessary surgery

CELLVIZIO ENABLES NEAR-PERFECT ACCURACY OF CHARACTERIZATION OF SOLITARY CYSTS

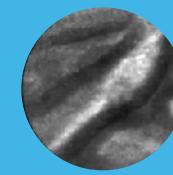
- ▶ 100% specificity in characterizing Mucinous Cystic Lesions¹
- ► 100% specificity in characterizing Serous Cystadenomas²
- FDA cleared/ Category I CPT code

Cellvizio miniprobe inspecting the **cyst wall** through a needle during EUS-FNA procedure





Serous Cystadenoma

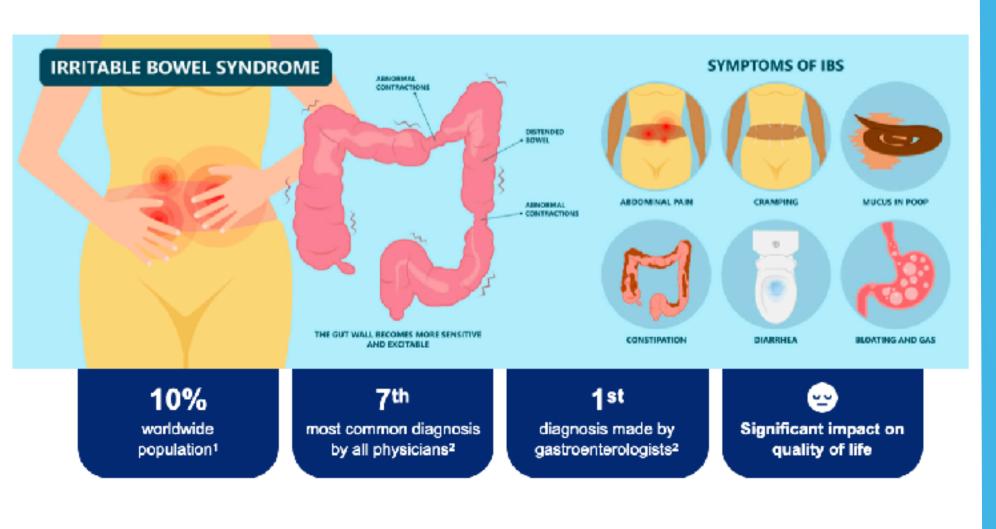


Mucinous Cystadenoma



IRRITABLE BOWEL SYNDROME: EMERGING B2B2C SOLUTION FOR PATIENTS WITH UNDIAGNOSED FOOD INTOLERANCE

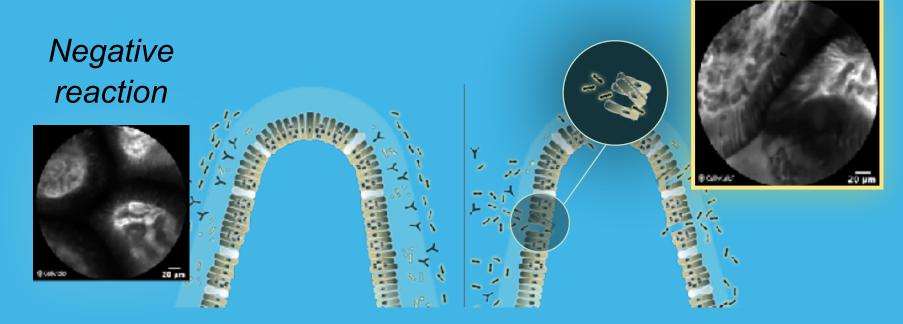
10% TO 15% OF THE POPULATION SUFFERING FROM IBS, MANY DESPERATELY LOOKING FOR SOLUTIONS TO ALLEVIATE THEIR SYMPTOMS



CELLVIZIO IS THE ONLY TECHNOLOGY ABLE TO
DIAGNOSE DIRECTLY AT THE INTESTINAL BARRIER IBSRELATED FOOD INTOLERANCE

Direct visualisation of food-induced barrier impairment

Positive reaction: leakage occurs



- ► 50-60% of IBS patients may have an atypical food intolerance that can only be seen with Cellvizio
- ► 96% of CLE+ patients experienced an improvement in symptoms after an exclusion diet

URO-ONCOLOGIC SURGERY: A PRESSING NEED FOR SURGEONS AND PATIENTS



15% POSITIVE MARGIN RATE AFTER RADICAL PROSTATECTOMY

- General consensus on advanced visualization being central to minimally invasive surgery
- Currently used fluorescent agent and wide-field cameras
 poorly differentiate healthy from diseased tissue
- Ineffective pre-op tumor extension report
- A fast-growing incidence of prostate cancer:

Prostate Cancer Tsunami Coming, Experts Caution
A Lancet commission is predicting an 85% increase in
deaths from the disease by 2040



REAL TIME MICROSCOPIC EVALUATION OF SURGICAL MARGINS WITH CELLVIZIO









- Real time evaluation of resection margins with high specificity
- Nerve sparing guidance

PULMONOLOGY: GIVING SIGHT TO BLIND NEEDLES TO IMPROVE DIAGNOSTIC YIELD FOR LUNG CANCER

NAVIGATION AND ENDOLUMINAL ROBOTICS SUFFER FROM LOW DIAGNOSTIC YIELD

- 80% of lung nodules located outside the airways with no direct visualization
- 38%-64% diagnostic yield caused by using biopsy needles blindly
- Lack of direct visualization and CT-to-body divergence strongly limit advanced navigation and endoluminal robotics platforms

RESEARCH COLLABORATION AGREEMENT WITH Johnson

 Evaluate Cellvizio as a real-time biopsy guidance tool for use during robotic-assisted bronchoscopy.

Nodule outside airways Near-miss of the target nodule An incorrect positioning of the needle tip during biopsy results in a near-miss of the target nodule1. Cellvizio® provides real-time in vivo visualization of tissue at the tip of the needle¹,

CELLVIZIO GUIDANCE RESULTED IN REPOSITIONING THE NEEDLE IN 45% OF CASES

EXISTING COMMERCIAL FOOTPRINT SERVING LEGACY GI ENDOSCOPY BUSINESS

GLOBAL FOOTPRINT THROUGH LIMITED DIRECT COMMERCIAL PRESENCE AND PARTNERS

- **€10.5m** sales in 2023
- 72% of sales in the U.S. (excl. licensing)
- ► 90% in GI endoscopy
- > \$0.6m sales per commercial rep

USA EUROPE & LATAM CHINA Direct presence with 3 JV with Tasly Direct presence with reps in France, Italy 8 reps Mainly GI endoscopy and Germany Mainly GI endoscopy indications Distributors in Eastern indications Europe and Latam GI endoscopy, food intolerance

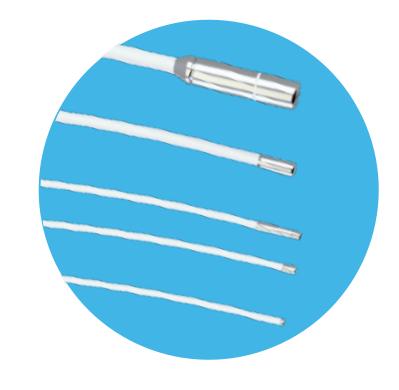
€10.5M REVENUE IN 2023

> 70% OF COMMERCIAL REVENUE IS RECURRING

CELLVIZIO PLATFORM

PORTFOLIO OF FIBER OPTIC MINIPROBES





10 models of miniprobes designed for every application

SEVERAL TYPES OF SALES

PAY-PER-USE (PPU) Recurring

Payment at procedure in return for systems and probes placement

Favored model for any application / GTM in the future U.S. business model increasing oriented toward PPU

PROBE SALES (Recurring)

Sales of miniprobes reusable 10 to 20 times depending on the indication

- Leasing of platform and sale of miniprobes
- SERVICE CONTRACT Recurring
 1 to 3-year service contract for maintenance
- SYSTEM SALE

REIMBURSEMENT COVERAGE DRAMATIC IMPROVEMENT IN THE U.S.

- Dedicated Category I CPT Codes covering endomicroscopy in upper GI endoscopy procedures (GERD, Barrett's Esophagus, EAC, gastric disease, pancreatic cystic lesions)
- Fully covered nationwide by Medicare and Medicare Advantage, and select Medicaid states with quick ramp-up
- Gained coverage from 4 major third-party payors and several regional/local payers via ongoing partnership and targeted payer engagement with MCRA









SIGNIFICANT FINANCIAL INCENTIVE TO USE **CELLVIZIO IN EGD PROCEDURES**

 Substantial reimbursement increases for hospitals and ambulatory surgery centers (ASC) when incorporating Cellvizio in endomicroscopy procedures

> HOSPITAL +\$1,382.59

ASC +\$597

- ~40% Downward adjustment of the CMS reimbursement rate in 2024 due to incorrect data submissions by hospitals.
- Proactive actions to submit correct data and obtain revised rates by 2025
- High potential for growth once rate is corrected



GI ENDOSCOPY: SCALE OR PARTNER

- BUILD ON THE POSITIVE U.S. PPU MOMENTUM IN BARRETT'S ESOPHAGUS AND STOMACH CANCER
- A pool of business opportunities largely untapped with 6,000 ASC centers of which 1,100 priority targets
- Potential 50% positive price impact from possible readjustment of CMS reimbursement

- A MAJOR CLINICAL MILESTONE EXPECTED IN 2025 FOR PANCREATIC CYST
- Investigator study (The Ohio State University) in 10 centers,
 500 patients
- Expected completion of enrollment end-2024
- Already strong positive feedbacks from physicians and industry leaders

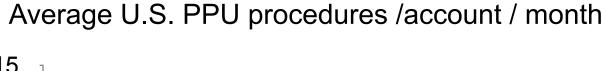


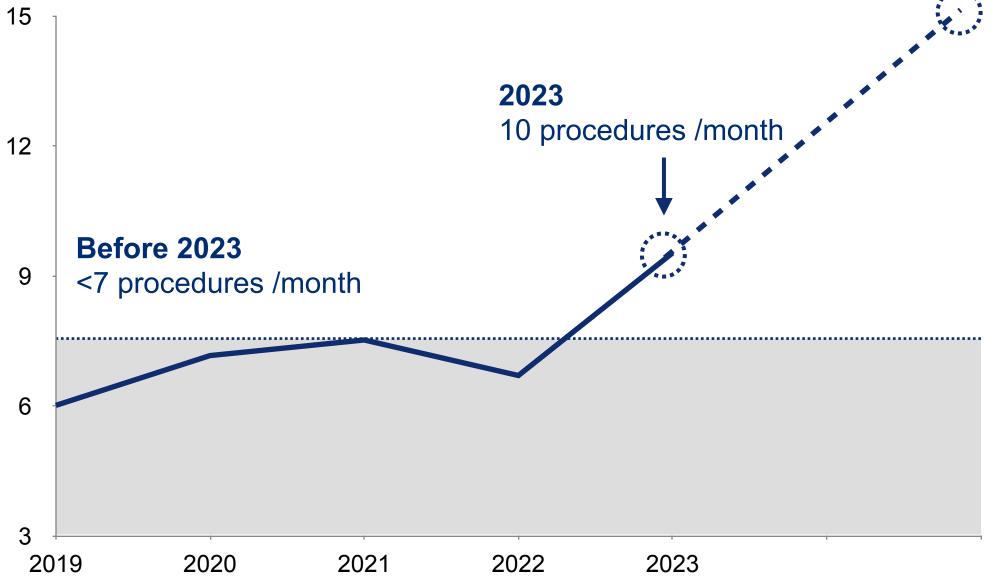
A BUSINESS READY TO BE SCALED UP
THROUGH A STRATEGIC PARTNER

- Mid-term \$50-100m recurring revenue opportunity which is significant for ay MedTech players
- Private label/ OEM partnership to be an attractive proposition

GI ENDOSCOPY: AMBITION IN THE U.S.

BUILDING ON A STRONG PPU MOMENTUM





3-YEAR SALES AMBITION

▶ PPU Sales - From \$2.5 m to \$10m

Revised CMS rate and continuation of current sales tactics with slightly larger sales team

Capital / Probe Sales - From \$2m to \$8m

Pancreatic cysts application full launch

IBS AND FOOD INTOLERANCE CAPITALIZE ON B2B2C FIRST MOVER POSITION





A NEW BUSINESS AND BRAND DEDICATED TO A COMPREHENSIVE HEALTH PROGRAM

- A CellTolerance program for detecting and treating food intolerances
- Digital and Al solutions providing unique and vast quantity of real world data for patients, health providers,
 Pharma and nutrition companies
- CellTolerance could operate from a wholly owned subsidiary with the prospect of eventually operating as an independent



A GO-TO-MARKET PLAN LED BY BENOIT CHARDON, A RECOGNIZED MARKETING & COMMERCIALIZATION EXPERT

Remarkable track record in the aesthetic and wellness markets:

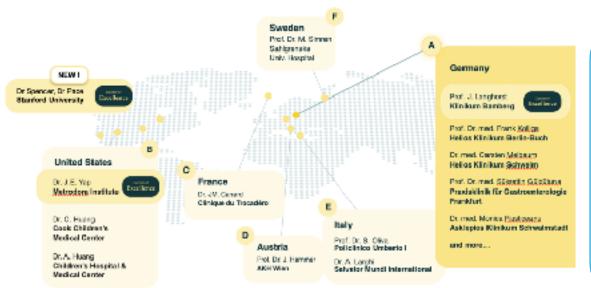
Allurion

ZELTIQ



GALDERMA

BUILDING ON SOLID FUNDAMENTALS



- 25 active centers
- 830 cases in 2023
- ► +60% CAGR in volume in 2021-2023

URO-ONCOLOGY: ACCELERATE TELIX PARTNERSHIP

TELIX HAS CREATED A MEDTECH BUSINESS UNIT FOLLOWING THE ACQUISITION OF LIGHTPOINT

- Aims at developing a complete solution for urologic surgeons across the continuum of patient care: pre-op and intra-op imaging, surgery and therapy
- Shared vision to integrate Cellvizio into surgical technologies and offer a complete hybrid therapeutic solution



Diagnosis & Staging

Surgical Technologies

Therapy







PATH TO PROFITABILITY REDUCED CASH BURN AND PROFIT GROWTH

(€11.3m)

2021 2022 2023 2024 2025 2026 2027 Add. growth opportunity **CELLTOLERANCE SHORT TERM** New CellTolerance business **GROWTH DRIVER** Reduced cash burn **GI ENDOSCOPY** Sales team halved/ Sales growth Cash injection Sales contribution **MID TERM** TASLY JV Milestones/ fees Capital sales/ royalties Reduced cash burn Sales contribution TELIX / J&J **LONG TERM** Services/ Capital sales R&D payments REDUCED CASH BURN / NET LOSS **CASH FLOW/ PROFIT**

(€5.7m)

€15-20m sales by 2026

(€9.0m)

Current operating income

A DUAL APPROACH TO VALUE CREATION COMMERCIAL DEVELOPMENT AND ASSET VALUATION

SCALE COMMERCIAL ACTIVITIES

> **SALES/ PROFIT GROWTH**



Roll-out the CellTolerance program

- Pilot program launch in Q4 2024
- Partnership with clinic networks
- Targeted marketing talents

GI ENDOSCOPY

Accelerate the U.S. momentum

- Expanded client base/ volume
- Clinical results for pancreatic cysts
- Revised CMS reimbursement rate

EXTERNALIZE VALUE OF THE ASSETS

> **CASH INJECTION/ NEW REVENUES**





Telix Johnson Johnson

OTHERS

Leverage MKT technology across multiple applications

- Focus areas: Oncologic Surgery, IBD, Drug development
- Tech transfer, licensing, asset deals
- MedTech, Pharma, Diagnostics, Digital Health companies



LEADERSHIP TEAM SEASONED, CONNECTED AND BATTLE-TESTED



Sacha Loiseau, Ph.D. Chairman and CEO, Founder











Nathalie Lecoq Chief Operating Officer







Côme de La Tour du Pin Chief Financial Officer







Bruno Villaret VP, International Sales







François Lacombe, Ph.D. Chief Scientific Officer









Daryl Donatelli VP, Global Marketing & U.S. Sales





Olivier Coeffic VP of R&D







Christopher McFadden Director Managing Director, Apollo Global Management



Director Chief Strategic Partnerships Officer, Aegis Ventures



Jacquelien ten Dam Director **CFO Mimetas**

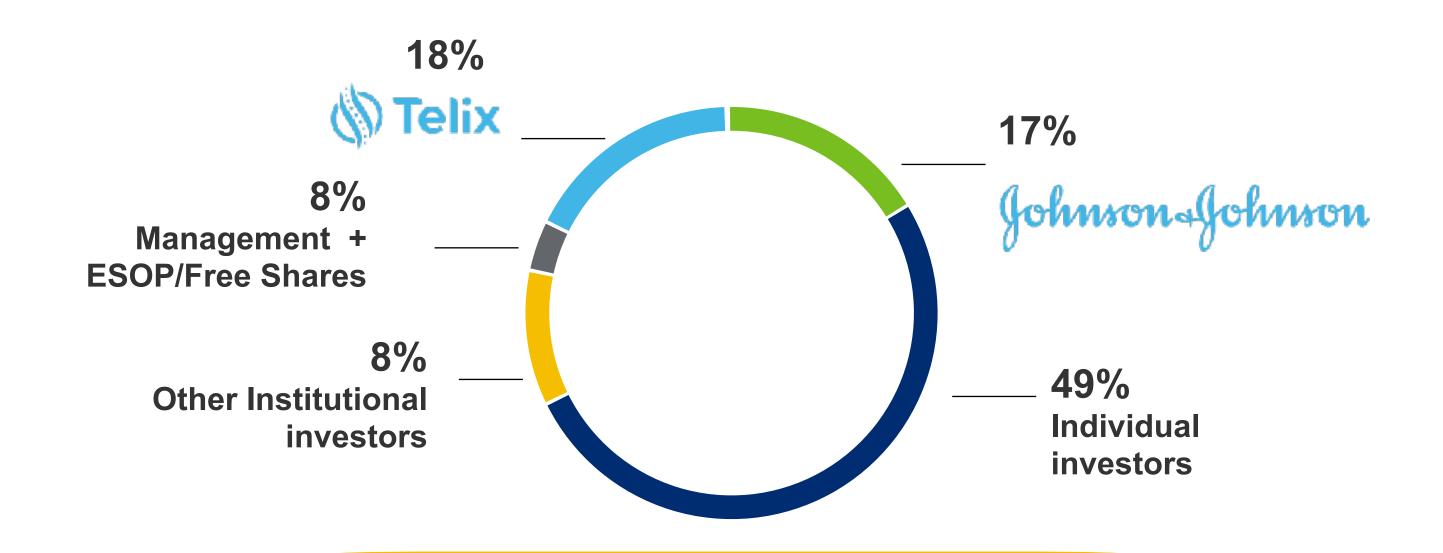


Claire Biot Director **VP Life Sciences.** Dassault Systèmes



Board of Directors

A LONG TERM VISION SHARED BY MAJOR STRATEGIC SHAREHOLDERS



3 MAJOR EQUITY INVESTMENTS SINCE 2019



Johnson & Johnson invested twice in 2019 and 2021

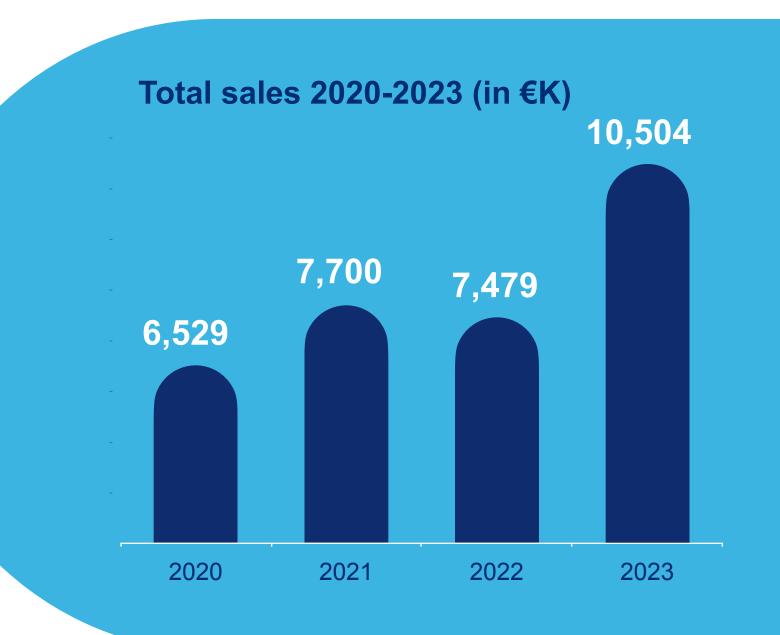


Telix Pharmaceuticals invested in 2023

PUBLICATION OF STRONG SALES GROWTH IN 2023 +42% vs 2022

2ND BEST YEAR IN THE GROUP'S HISTORY

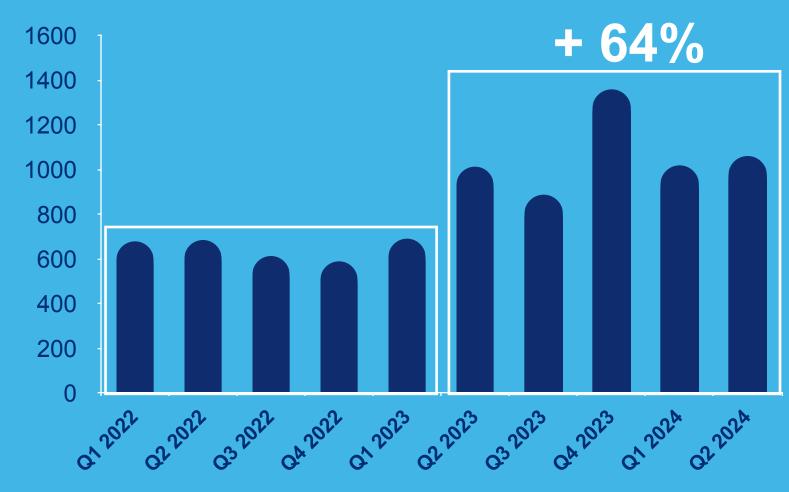
- Uplift of the U.S. driven by the acceleration PPU usage generating steady and recurring revenues
- First contribution from Tasly JV with licensing revenues offsetting (temporary) loss of APAC sales



ACCELERATED GROWTH OF PPU VOLUME IN THE U.S.

- Rationalization of the customer base focusing on active and profitable accounts
- Increased monthly usage and addition of new accounts with quick ramp-up
- Focus on community hospitals and ASCs (vs Academic Medical Centers previously) leading to strong volume and sustainability

Number of PPU procedures/ quarter in the U.S.

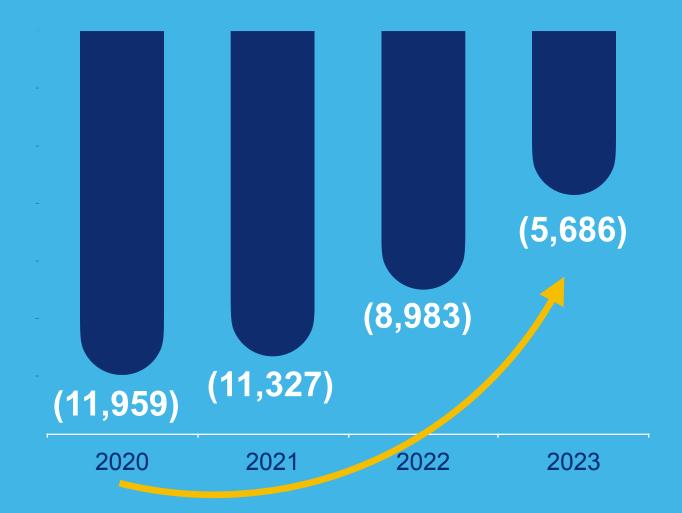


PPU volumes are now firmly established on a sustainable basis, exceeding 1,000 procedures per quarter

OPERATING DISCIPLINE 50% REDUCTION IN OPERATING LOSSES SINCE 2020

- Top line improvement including licensing revenues up +42% to €10.5m in 2023
- Dramatic cut in U.S. commercial costs with the team restructuring in 2022
- Several costs reduction initiatives notably in G&A expenses

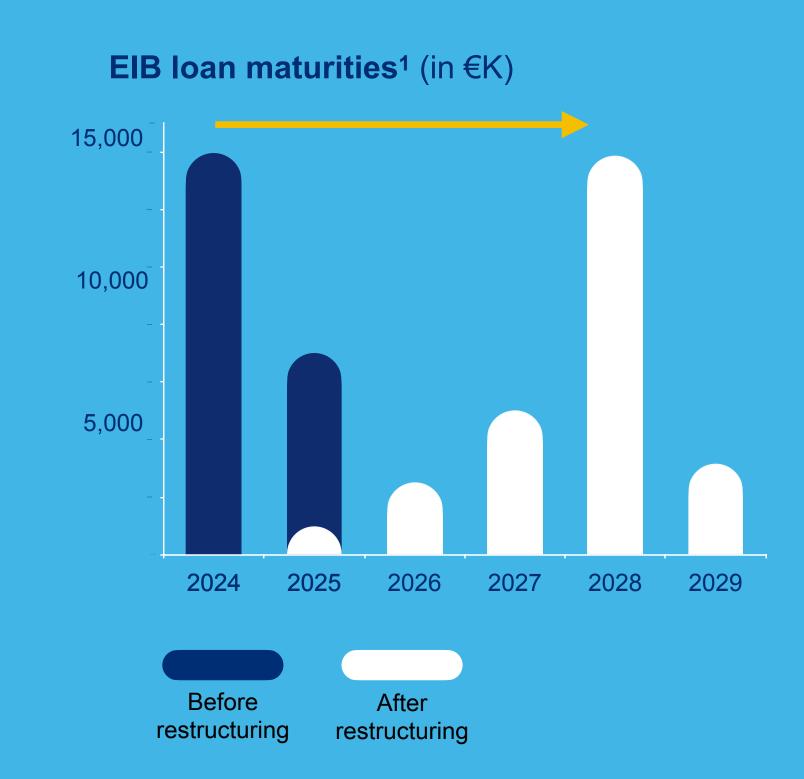
Current operating income 2020-2023 (in €K)



BALANCE SHEET RESTRUCTURED TO EXTEND RUNWAY

RESTRUCTURING OF THE EXISTING €21.7M LOAN WITH EUROPEAN INVESTMENT BANK CONCLUDED IN APRIL 2024

- Final maturities postponed by 4 years
 67%¹ of repayments deferred by 4 years to 2028-2029 vs
 2024-2025 before restructuring
- First repayments in July 2025 onwards
 €1m in 2025, €2.5m in 2026, €5m in 2027
- Full final agreement still pending fundraising
 €7m to be raised in equity/ license/ debt before April 2025³





CASH BURN

> €4M REDUCTION EXPECTED IN 2024 VS 2020

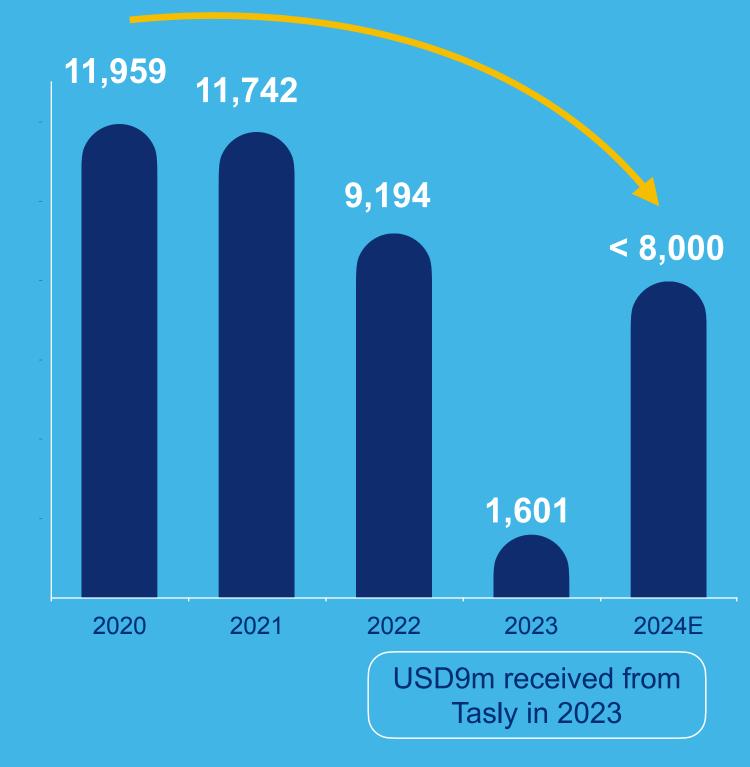
CASH BURN REDUCTION THANKS TO OPERATING LEVERAGE AND PARTNERS CONTRIBUTIONS

- Reduced operating loss in the U.S.
- Asian sales reps transferred to Tasly JV
- Licensing payments received from Tasly JV in 2023

FURTHER REDUCTION IN THE COMING YEARS

- Top line growth
- R&D projects financed by partners
- Royalties / milestones

Cash burn 2020-2024E excluding financing (in €K)



Q3 / 9M 2024 SALES

In €k	Q3 2024	Q3 2023	Change (%)	9M 2024	9M 2023	Change (%)
Systems	333	3	_	917	1,089	-16%
Consumables	676	795	-15%	2,361	2,556	-8%
Services	239	212	+13%	841	911	-8%
Total sales excl. licence fees	1,248	1,010	+24%	4,119	4,556	-10%
License fees	491	499	-2%	1,495	3,801	-61%
Total sales	1,739	1,509	+15%	5,614	8,357	-33%

Systems

New U.S. sales and upgrades to Cellvizio Gen3 model in Europe in Q3.

FY 2024 sales concentrated in H2 in the U.S.

Consumables

Adjustment to CMS reimbursement affecting PPU revenues despite higher volume of procedures

Services

Renewed maintenance contracts in the U.S.

License fees

Recognition of a licensing payment from the Tasly JV over 3 years.

9M reflecting a one-time payment of \$2.3m in 2023 for IP transfer from the Tasly JV

H1 2024 RESULTS - P&L

In €k	H1 2024	H1 2023	H1 2022
Total Revenues	4,269	7,142	3,708
Current Operating Income	(3,695)	(1,100)	(4,957)
Non-recurring income	24	7,748	85
Operating Income	(3,671)	6,648	(5,042)
Net Profit (loss)	(4,686)	2,799	(6,212)

Total Revenues

Includes a one-time payment of \$2.3m in 2023 for IP transfer from the Tasly JV

Current Operating Income

Structural reduction in operating losses, down 25% compared to 2022.

Operating Income

Capital gain of €7.7m in 2023 from the Group's transfer of patents to the Tasly JV

KEY PUBLICATIONS AND REFERENCES

- 1. Bhardwaj A. et al. Barrett's Esophagus: Emerging Knowledge and Management Strategies. Pathology Research International, 2012.
- 2. Visrodia K. et al. Magnitude of Missed Esophageal Adenocarcinoma After Barrett's Esophagus Diagnosis: A Systematic Review and Meta-analysis. Gastroenterology, 2016.
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