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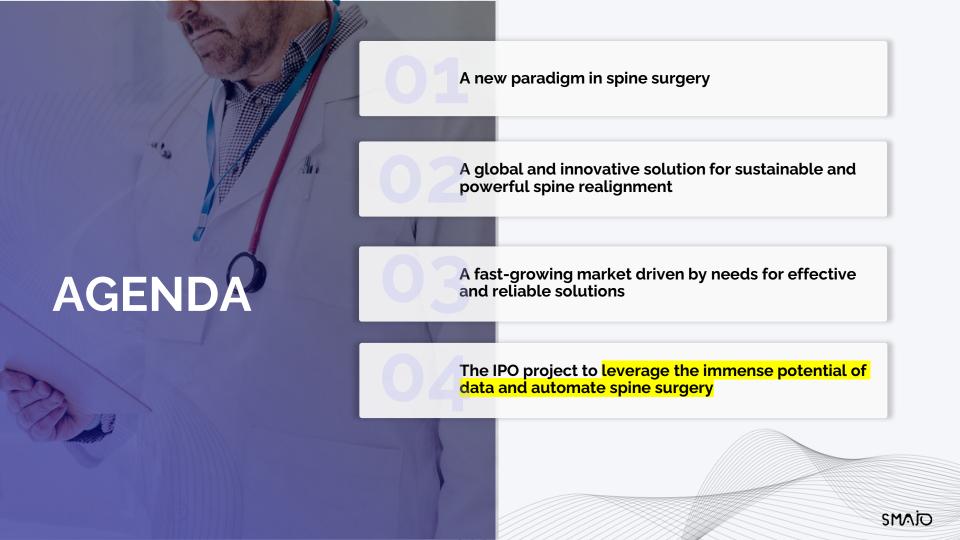
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Speakers



Philippe ROUSSOULY Chief Executive Officer

STRATEGY, INNOVATION AND LEADERSHIP

- Founded SMAIO in 2009
- Strategy consultant with Accenture and Corporate Value Associates.
- · Graduated from ESSEC Business School



Fabrice
KILFIGER
Chief Financial Officer

FINANCE AND ADMINISTRATION

- 30 years of experience in Corporate finance (audit firm, US corporations, International listed groups, Medical Device companies)
- Graduated from GEM (Grenoble Management School), specialized in Finance and Management

Spinal Pathologies

The disease of the century with surgical treatments being too often a source of complications

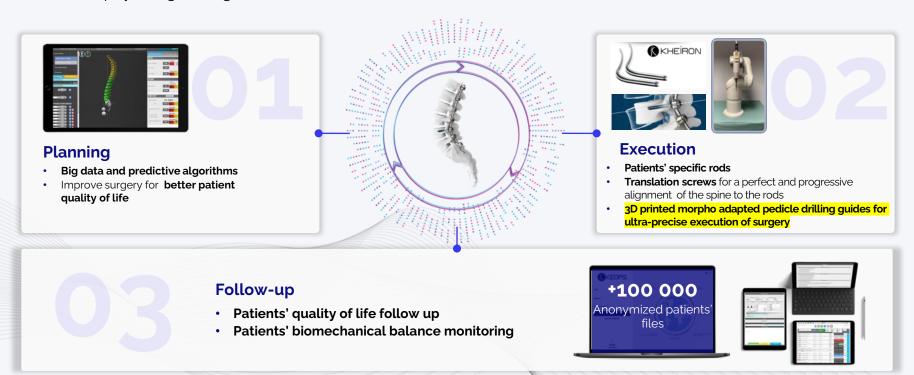
Thoraco-lumbar fusion recognized as the gold standard to address spinal pathologies, faces two significant limitations



Need for a comprehensive spinal strategy to achieve sustainable outcomes

Our vision:

Sustainable physiological sagittal balance restoration



SMAIO: A unique player in spine surgery offering integrated / repeatable / predictable solutions to accurately restore sagittal balance

Management team

composed of specialists from the spinal industry



Philippe ROUSSOULY Chief Executive Officer STRATEGY, INNOVATION AND MANAGEMENT

- Founded SMAIO in 2009
- · .Strategy consultant with Accenture and Corporate Value Associates.
- Graduated from ESSEC Business School



Jean-Charles ROUSSOULY Chief Operating Officer R&D. QUALITY, REGULATORY AFFAIRS. INDUSTRIALIZATION AND LOGISTICS

- 16 years of experience in the development of implants spinal, hips an extremities implants
- Mechanical engineer, graduated from ECAM (Lyon)



Fabrice KILFIGER Chief Financial Officer

FINANCE AND ADMINISTRATION

- · 30 years of experience in Corporate finance (audit firm, US corporations, International listed groups, Medical Device companies)
- Graduated from GEM (Grenoble Management School). specialized in Finance and Management



Romain SCHNEEWEIS VP Sales and Marketing BUSINESS DEVELOPMENT

- 10 years of experience in international sales for medical devices companies - Recently acted as VP Europe sales for Medicrea
- Graduated from Montpellier Business School in 2012

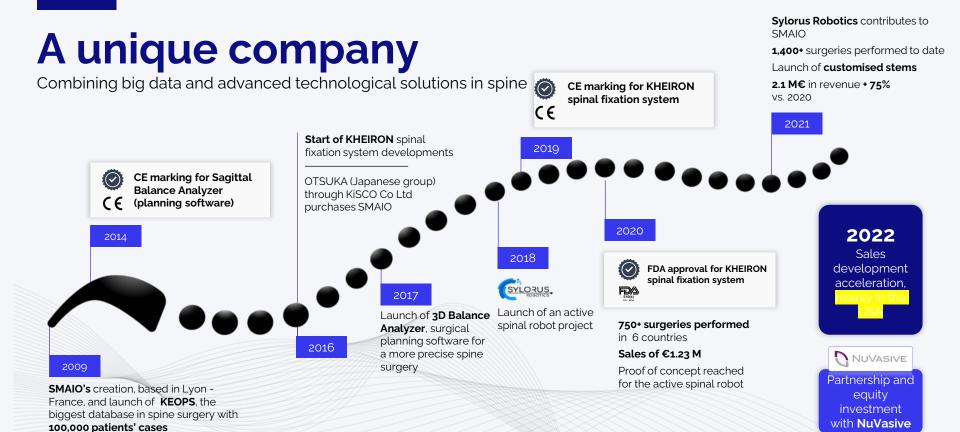


Yasura NAKATA VP Legal

LEGAL EXPERTISE IN MEDICAL DEVICE AND PHARMACEUTICAL **CORPORATIONS**

- Joined SMAIO in 2018
- · Lawyer from the Tokyo court
- Otsuka Group
- 12 years of experience within the PhD in law from CHUO University (Japan)





> €15 M invested to date

A unique spinal robot project coupled to sustainable and dynamic growth



KISCO Co. Ltd. Is a subsidiary of Otsuka Medical Device, a Japanese health company listed on the Tokyo stock of Exchange

^{**} SYLORUS Scientific SA is held by Philippe Roussouly (80 %), SMAIO's CEO and by Pierre Roussouly (20 %).

A disruptive positioning

to leverage the immense potential of data and eventually automate spinal surgery

Holistic approach

of spine surgery combining, planning, execution, post-op follow up and scientific education



Patents' families (implants, robot, vertebral realignment)

The World's leading

Spinal surgery database with over 100,000 patient cases



countries commercially active

30

Highly qualified employees (40% of whom are engineers)





SMAjo

- SOFTWARE
- MACHINES and
- ADAPTATIVE
- IMPLANTS in
- ORTHOPAEDICS







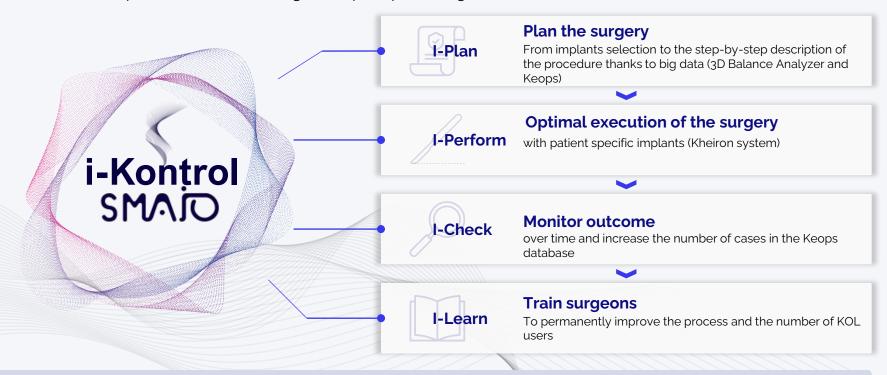






i-Kontrol:

Holistic solutions platform to restore long term spino-pelvic alignment



Pushing the continuous improvement process in spine surgery to its climax

i-Plan:

Ultra-precise surgical planning thanks to big data



Global realignment planning:

- 3D Modelization
- Simulation of the ideal correction



Implants selection and perfect vertebra alignment on the rods

Vertebral screw positioning thanks to k-guides



3D Balance Analyzer



- Numerous clinical and imaging parameters
- Benchmark with ten of thousands of treated patients
- Precise description of the planned surgery

Take advantage of big data to provide surgeons with the best pre-operative strategy



i-Perform:

A patient specific surgery for optimal patient spine realignment



Spinal fixation system with strong progressive deformity reduction



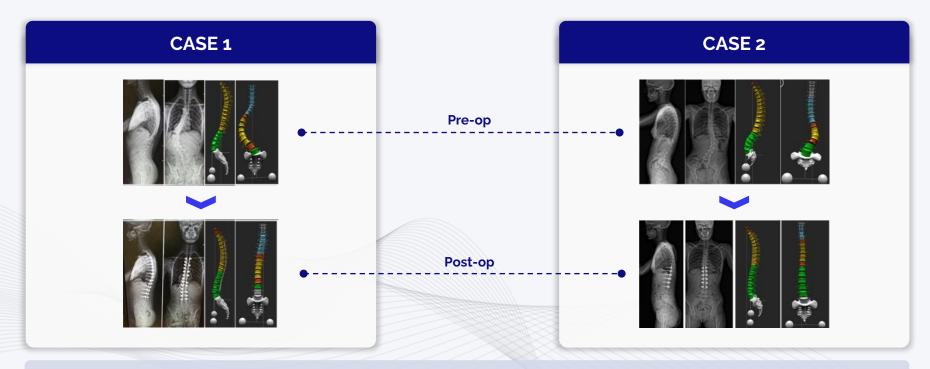
Clinical advantages

• Pedicle screws inserted at 90° for a perfect spinal correction

· Vertebral bodies perfectly aligned on the rod



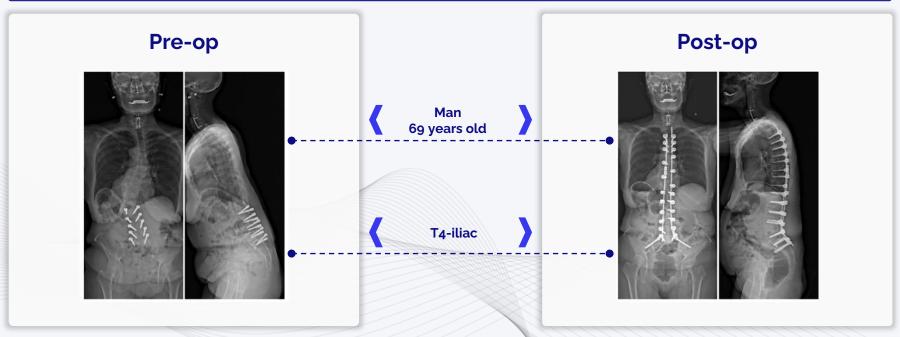
Strong clinical outcome (1/2)



Over 1,400 surgeries performed since June 2019 in 6 countries : very high clinical outcomes and surgeons / patients satisfaction

Strong clinical outcome (2/2)

Revision surgery of a former dynamic stabilization



Successful restoration of sagittal balance in revision surgery

SPIDER

The i-perform solution at the forefront of active spinal robot innovations





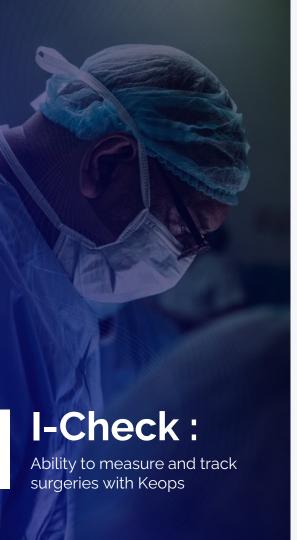
Passive version by 2025

Vertebrae detection through palpation



Active version by 2026

The most advanced and comprehensive active robotic solution on the market whose integration into the surgical strategy has been embedded from start



Data Management





- Pathologies' segmentation
- Monitoring of patients' quality of life
- Identification of potential complication
 - Follow-up of patient biomechanical improvements



The most advanced monitoring tool to predict spinal surgery outcomes

I-Learn:

Teach surgeons the best practices for restoring patient's sagittal balance



Sagittal Balance Academy

- Around 20 surgeons gathered together for one day and coached by KOL users
 - Practical cases of increasing difficulties from the Keops' data base are analyzed
 - i-perform techniques are taught during cadaver labs workshop

Konnect program

- Meetings organized between KOL and other specialists
- Opportunity to attend specific surgical procedures
- Clinical cases review in order to train i-kontrol technologies to new surgeons
- Already 10 sessions organized

Two comprehensive training programs to raise awareness among surgeons and key opinion leaders



Strong intellectual property As a barrier to competitive entry



4 patents on robotics technologies:

- Vertebrae detection through robotic palpation
- Unique configuration of the robotic station to integrate into the operating room
- Unique drilling and screwing technology in the vertebrae
- Software module to determine the entry point of a pedicle and plan implant positioning



1 patent on realignment algorithm

• Back shape restoration algorithm to make custom rods



5 patents on implants design

SMAIO technologies' competitive edge is protected to ensure the exploitation of the potential of data and develop the automation of spine surgery



Expected benefits

For all stakeholders





- Sustainable sagittal alignment after the surgery
- · Significant improvement in quality of life





- SMAIO teams support throughout the surgical planning process
- Personalized medicine approach and patient satisfaction enhancement





- Inventory optimization through better planned surgeries
- Cost savings linked to the decrease in the number of revision surgeries





- · Sustainability of clinical outcome
- Marge savings due to early return to work

Strong adoption drivers to create a unique competitive position





A \$10 billion market

Where posterior spinal fusion has become the standard of treatment

Worldwide spinal market (2019) **\$10 Billion**

Worldwide market for spinal fusion (2019)
\$3 Billion

6 US companies share 84% of the market *400 manufacturers offering very similar poly-axial tulip pedicle screws

+ **1,000,000** instrumented surgeries performed per year

\$ 3,500 average worldwide revenue per surgery with an average gross margin of 70%

Average revenue / surgery in the USA 1,2,3 :

\$ 7,370 (degenerative surgery)



\$ 26,000 (complex surgery)

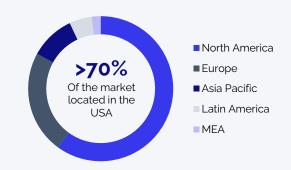
Sources : Company

- 1. 2015 Instrumented Thoracolumbar Procedures annually (409,100). 2013 Millennium Research Group, Inc., Table 87 "Thoracolumbar Fusions, by Indication.",
- \$26,000 per case. Medicrea estimated implant and BGE revenues per complex spine procedure.
- \$7,370 per case. Medicrea estimated implant and BGE revenues per 1-2 level degen procedure.

Spinal fusion has become the standard of treatment for:

- Degenerative pathologies (stenosis)
- Deformities (scoliosis)
- Vertebral fractures

Screws and rods revenues account for 1/3 of the spine market





A fast-growing market

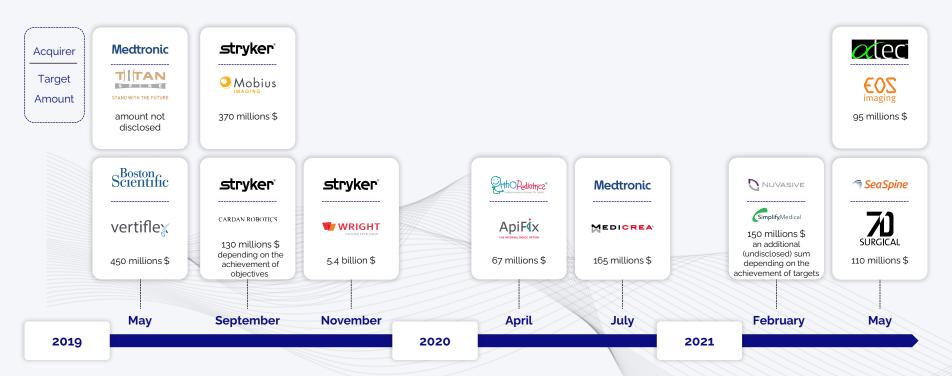
driven by the need for a more global solution



Major players in the sector

Constantly looking for innovative technologies

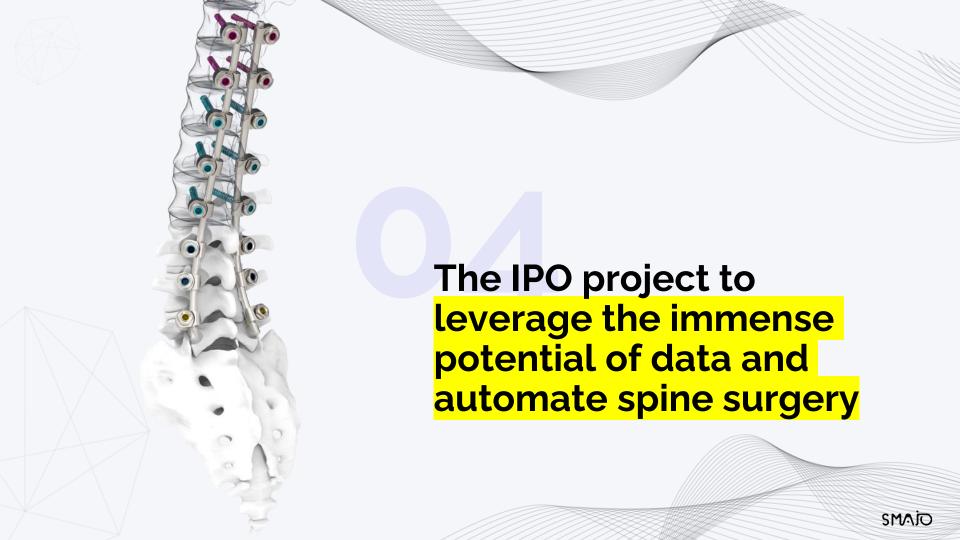
Most recent financial M&A deals:



A unique competitive positioning

Thanks to SMAIO's holistic approach

	Vertebral alignment planning	Planning of screws and IBD insertion	Patient specific rods	Intra- Operative Imaging	Navigation	Surgery reduction monitoring	Robotics	Patients data management
SMAİO	\otimes	\odot	\odot	2025	2023	2022	⊘ ⊗ Long term project	2010
Medtronic	\otimes	\odot	\odot	\odot	\odot	\otimes	Mazor Robotics	\otimes
(DePuy Synthes	\otimes	\otimes	\otimes	\odot	\odot	\otimes	ORTH©TAXY	\otimes
Q NUVASIVE	\otimes	\odot	\odot	\otimes	\odot	\otimes	PULSE 🚳 ROBOTIC	s 🚫
stryker K2M	\odot	\odot	\otimes	\odot	\odot	\otimes	⊗ Mako	\odot
Zimmer	\otimes	\odot	\otimes	\otimes	\otimes	\otimes	Mediech	\otimes
GLOBUS MEDICAL	\odot	\odot	\otimes	\otimes	0	\otimes	EXCELSIUS MEDICAL	\otimes



Key Financial figures

Income Statement (€'000)	30.06.2021 (6 months)	31.12.2020 (12 months)	31.12.2019 (12 months)
Sales	1 031	1 232	390
Internal production	439	704	329
Other income	64	165	42
Revenue	1 534	2 101	761
Purchases of goods	(535)	(599)	(141)
Other purchases and external charges	(703)	(1 050)	(649)
Salaries & wages	(1 529)	(2 230)	(1 523)
Other charges	(53)	(80)	(14)
EBITDA	(1 286)	(1 858)	(1 566)
Amortizations & depreciations	(475)	(628)	(299)
Operating income / (loss)	(1 761)	(2 486)	(1 865)
Financial income / (loss)	(15)	(16)	(9)
Income / (loss) before tax	(1776)	(2 502)	(1874)
Exceptional income / (loss)	(2)	<u>-</u>	(5)
Corporate tax	178	278	190
Net income / (loss)	(1 600)	(2 224)	(1 689)

Main financial indicators as of 30.06.2021

Gross margin : **50%**

EBITDA: (1.3 M€)

2021 Sales

2.1 M€ +73% VS. 2020

A strategy of conquest

combining ultra-precise planning, tailor-made execution of surgery and analytical monitoring of data and results



PARTNERSHIP WITH NUVASIVE

FOR US PRESENCE



SALES **INCREASE**



R&D INNOVATIONS TO AUTOMATE SURGERY AND OPEN THE FIELD OF ACTIVE ROBOTICS

Strategic Parternship with NuVasive

To expand SMAIO's presence in the USA



One of the worldwide leaders in spine

- Sales > \$1.1 Bn in 2021
- Available cash: \$246 M at 12.31.2021
 Capitalization: \$ 2,7 Bn at 02.24.2022
- 2,700 employees

01

Equity Investment \$10m

02

Milestones \$5m

- **\$3m** after FDA approval of the customised version of the 3D Balance Analyzer software integrating NuVasive implants
- \$2m once the 3D Balance Analyzer software is integrated within NuVasive platform

03

License agreement

- Co-exclusivity of 3 years for using the 3D Balance Analyzer software in the USA from the time of integration on the NuVasive platform
- Surgical planning performed by SMAIO on NuVasive's behalf and invoiced to NuVasive

Significant expected increase in sales thanks to surgical planning placed to SMAIO by NuVasive

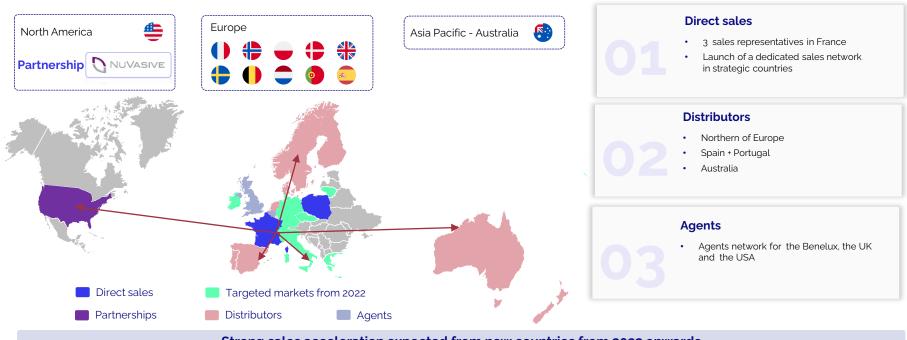


\$5m at IPO

Sales strategy

An efficient mix of direct sales and distribution

Optimized strategy based on targeted geographical areas



Strong sales acceleration expected from new countries from 2022 onwards

Securing supplies

And ramping up manufacturing

TODAY

SUBCONTRACTING

- Instruments are manufactured in France and in the USA
- Implants are manufactured in France by 2 subcontractors

CAPACITY

5 to 10 surgeries / day







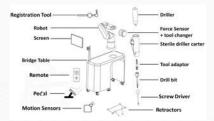
MEDIUM TERM

IN-HOUSE MANUFACTURING

- Start of factory construction in 2024
- Factory go-live beginning of 2026

CAPACITY

- Around 20 surgeries / day
- · In-house design and assembly of the robot



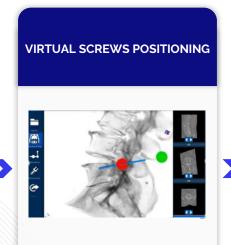
Decrease of manufacturing costs from 50% to 20% of sales

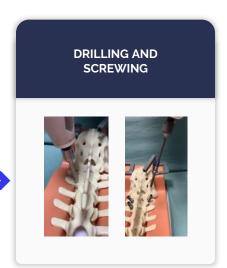
SPIDER Project

Active robotics project for spinal surgery

CT SCAN OF THE PATIENT SPINE







Clinical benefits

- Control accuracy and repeatability of the surgery
- Surgery time optimization

- Securing the procedure
- · Obtaining satisfactory clinical outcome

Unique tool allowing surgeons to focus on the patient treatment strategy

Dense and regular and newsflow

Until the active robot is brought to the market in 2026



An IPO to finance SMAIO's ramp-up

and open up the field of active robotics in the long term

38%

Industrial partnership with NuVasive

- Co-development of a software platform for planning and monitoring surgeries
- Obtaining FDA approvals
- Ramp-up of the Image and Data Analysis Service



€8 to €10m







45%

Working capital and sales development

 Expanding the sales network (U.S., Europe and Australia)

17%

R&D innovation

- Development of 3D printed morphoadapted guides and trackers
- Availability of ultra-precise pedicle targeting kits



