



Nano4Imaging
YOUR HEALTH - OUR VISION



trackr.

(R)Evolutionizing
Radiology
by
Interventional MRI

**Summary
deck**

For Investor information only

Rudolf Schulze Vohren
Cansu Ahlemeyer



Co-funded by the
European Union

need.

Unmet need for devices & software for interventional MRI (iMRI)

interventional radiologists
more and more physicians want
to perform interventional MRI

lack of
MR compatible devices
Software for MRI-guided
catheterization



700 million vulnerable patients
need safer & more precise
interventions
w/o radiation & contrast agents

hospitals
need for efficient workflows
& reduction of occupational
health risks

opportunity.

Why interventional MRI (iMRI)?



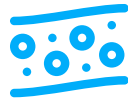
Better soft
tissue
visualization



Real time
imaging



No Radiation
exposure



Theranostics
therapy +
diagnostics



No need for
iodinated
contrast



Smaller
environmental
footprint

More clinical utility & new revenue streams



Dr. Suren Reddy Associate Professor, Dept. of Pediatrics at UT Southwestern MC

Thank you for bringing this (MR compatible guidewire) through FDA. This technology allows a much better treatment of vulnerable patient groups.



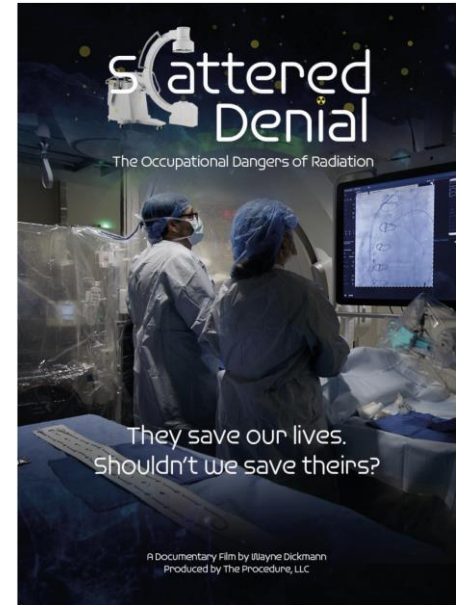
Dr. Kak Khee Yeung PI in vascular surgery at VU Medical Centre, Amsterdam

I currently use a lot of radiation during endovascular procedures, especially for complex aortic repair. I think that MRI can be a true game changer in this field.



Prof. Elmar M. Merkle, M.D. Chief Physician in Radiology and Nuclear Medicine, University Hospital Basel

"It's more convenient, it's less expensive, and it's faster. So from a sitting perspective there are only benefits, not a single disadvantage. This is great" (About Magnetom Free.Max, 0.55T, from Siemens Healthineers)



Challenges and our solutions

1. Lack of MRI compatible devices

EmeryGlide™ guide wires & catheters

2. Visibility of devices

magnafy. passive markers

3. Ease of use in 3D space

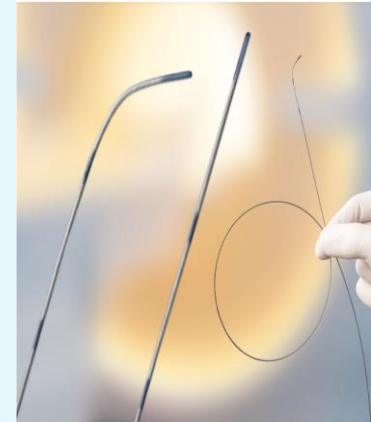
AI powered software



Device tracking
› similar to GPS



Precise positioning
› similar to a parking assistant



trackr. platform



4. Lengthy of procedure time

Reduced scanning time

› Deep learning

5. High costs

Up to **50% reduced costs** for Capex & Opex

› Helium –free scanner
› Low-field Scanner



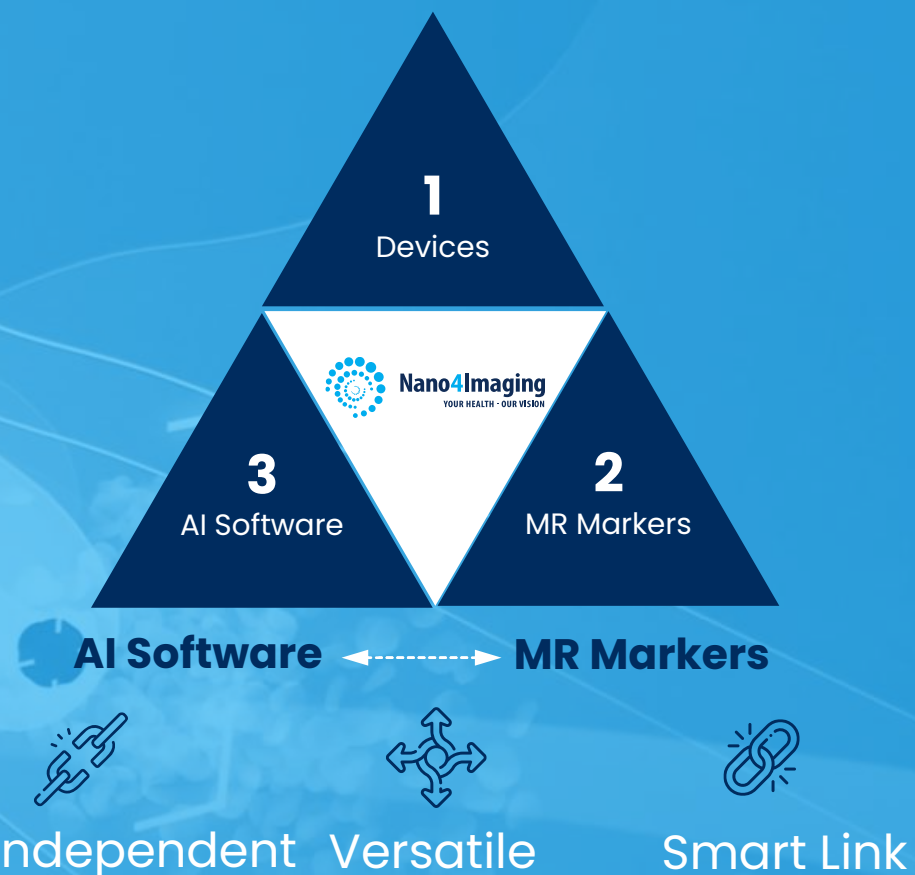
industry

— We are the new standard for iMRI

Our USP:

Smart connection
between AI software and
MR markers for cost-
effective use with all
interventional devices

trackr.



[Explanation video trackr.](#)

traction.

- 250 procedures already performed
- 8 hospitals in routine treatment and further 6 trained to execute



traction.

— We do not walk alone – strategic partners onboard



Integration of
TRACKR software

iMRI industry approach



Liver tumor
treatments



Software dev.
& innovation
force

Catheter
development



Device
manufacturing
for US market

Clinical
cooperation



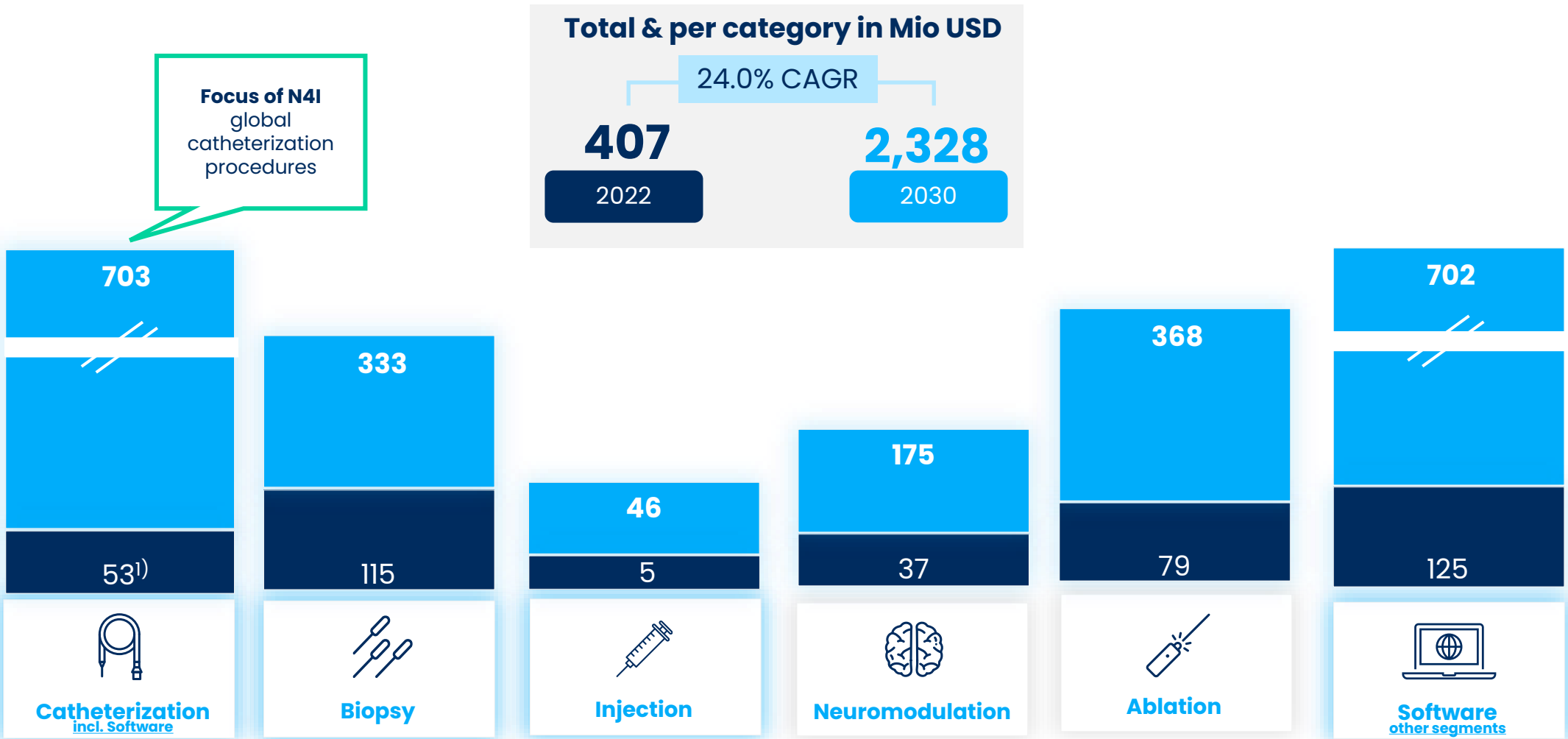
European
Innovation
Council



Funding &
community of
practice

market potential top-down.

— \$ 2.3 billion TAM* – iMRI is a fast-growing market driven by AI



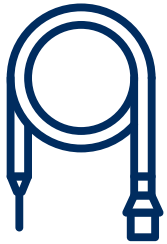
1) mainly off-label use

*Source: BIS Research 2024, " U.S. International Radiology Market", :BIS Research 2023,, "Market Assessment Study on MRI"

competitive landscape.

— First mover advantage –
major OEMs are not yet active in catheterization

Catheterization



Biopsy



Injection



Neuromodulation



Medtronic

Ablation



imricor


Medtronic

Nano4Imaging is active

Upside potential

customers.

— We sell to hospitals and MRI system manufacturers

Customers	MRI system manufacturers	Hospitals
Our Products	trackr. software AI Software	trackr. devices EmeryGlide™ guide wire  & other interventional devices with magnafy. markers
Specification	<ul style="list-style-type: none">• Basic software• Organ specific software• Compl. CMRI software	<ul style="list-style-type: none">• Access kits• Catheters• Balloons

team.

— Our team committed to the success of trackr.

Staff: 15 employees
R&D: Germany
Clinical: USA
Production: USA



Rudolf Schulze Vohren
Co-founder, CEO



Paul Borm , PhD
Co-founder, CTO



Cansu Ahlemeyer
CFO



Michael Barilla
Nano4Imaging USA



Lucien de Mos
COO

AI & Software



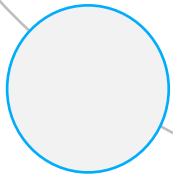
Jalil Ahmed
Machine Learning



Darius Nürnbergger
Software & ML
Engineering



Nikita Panchal
Software
Engineering



NN
Senior
Software
Architect

2 further SW/ML
developers to be
hired in 2024

Regulatory & Production



Jenny Dammer
Chemical
Engineering



Natalie Theisen
Director Regulatory and
Quality Management



Sjeff Cremers, PhD
Coatings



Marketa Shanelova
Quality Management



Jonathan von Helden
Senior Production
Engineer

— Our IP portfolio excels with genuine and deep differentiation

EmeryGlide™

GUIDE WIRE FOR
MINIMALLY INVASIVE
INTERVENTIONS AND
METHOD FOR
MANUFACTURING A
GUIDE WIRE

EP3638354
granted



EmeryGlide™

WIRE-SHAPED MEDICAL
INSTRUMENT AND
METHOD FOR
PRODUCING THE SAME

EP3020442
granted



Hemin

TETRAPYRROLE
CONJUGATES AS MRI
CONTRAST AGENTS

EP3295962
granted



trackr. Software











METHOD FOR
DETECTING A FIRST
AND AT LEAST ONE
SECOND DEVICE

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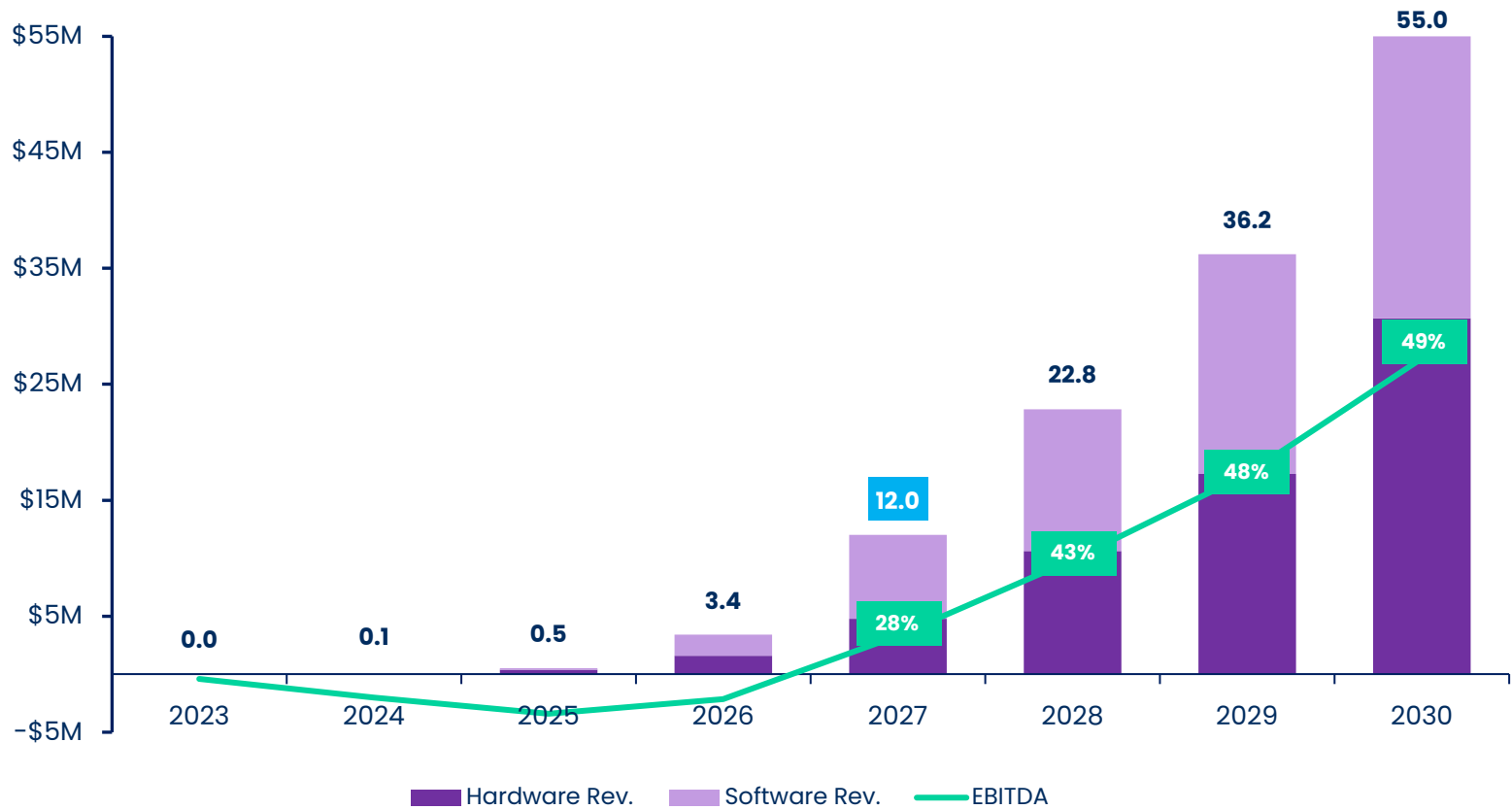
regulatory.

We comply with all relevant regulations

Company	 Regulatory & QMS team	 Clinical team	 (contract manuf.) ISO 13485 QMS	 eQMS paperless
EmeryGlide™ Class III sterile medical device	 FDA 510(k)	 CE	 No records of complaints	
trackr. software Class II medical device as software	 QMS expected 2025	 FDA expected 2025	 CE expected 2026	

financial projections.

After breakeven in 2027 strong growth of EBITDA up to 49%



— Seeking Series A funding of \$10M of which \$5M already secured

Funding History

Seed Capital raised:

\$12,5M

Equity	8,1
R&D grants	1,8
Accelerator grant	2,5

Intended Series-A financing

Funding request:

\$10M

Co-Investor commitment:
\$5M secured by EIC

Exit opportunities

Acquisition potential:

3 years

Acquisition potential in 3 fields:

- Endovascular devices
- Medical imaging software
- MRI systems



Reasons to invest in Nano4Imaging

Powered by AI, interventional MRI is expanding fast (24% CAGR) to \$ 2.3 billion in 2030

TRACKR is the **only technology enabling **cost-effective and versatile** catheterization in MRI**

Strong MedTech team with extensive engineering and clinical experience

IP portfolio with **true deep differentiation in the areas of **AI and nanotech** markers**

First and only FDA approved MRI compatible guide wire on the market

Established strategic partnerships with **Siemens and other top MedTech players**

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