



- a new standard for medicine



(pitch deck)

PERCISIO redefines interventional radiology with an intelligent approach

While conventional surgery requires direct access to the region of interest, interventional radiology utilizes medical imaging to enable a minimally invasive approach.

PERCISIO is the ultimate solution for interventional radiology procedures, minimizing both complexity and effort to the fullest extent.





Challenges to overcome

- Healthcare professional shortages are a global issue, affecting Europe and the rest of the world.

PERCISIO offers simplified procedural assistance, enabling non-experts to proceed.

- Operating rooms for interventional medicine procedures are scarce.

PERCISIO is a easily transportable system that enables medical procedures to begin outside the operating room.

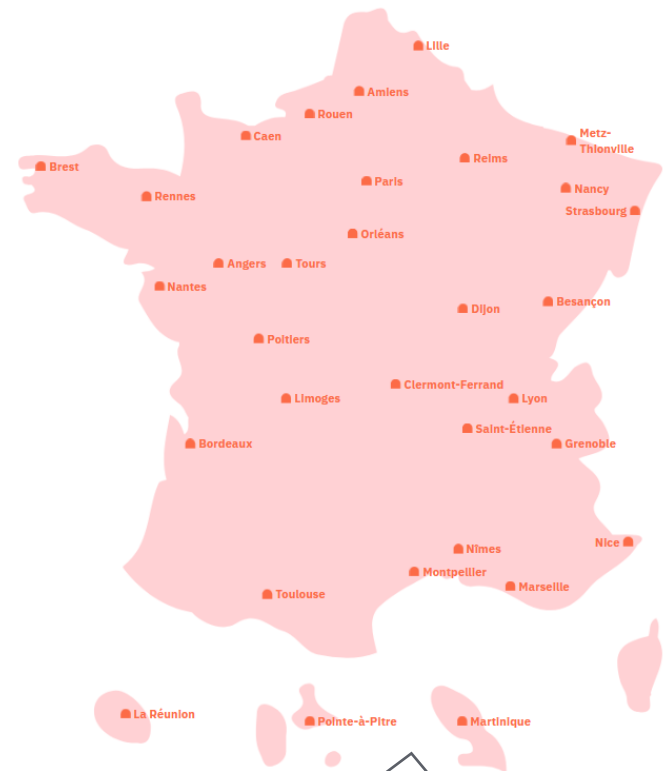
- Expensive and limited machine time.

PERCISIO is an affordable medical device for interventional medicine.

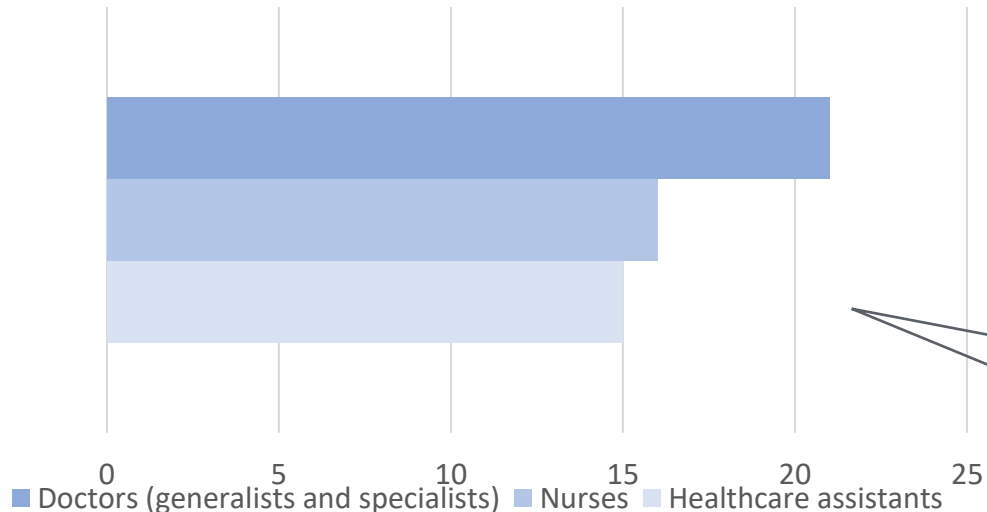
HIGHLIGHTING THE SHORTAGE OF MEDICAL EXPERTS

Among all the challenges to overcome, the greatest is the shortage of medical experts capable of performing interventional medical procedures.

PERCISIO is the solution that enables non-experts to carry out medical procedures. The operation's preparation is pre-planned by a qualified physician.



Number of countries reporting shortages



Interventional radiology is limited to CHU in France

Source : https://www.oecd.org/en/publications/health-at-a-glance-europe-2024_b3704e14-en.html

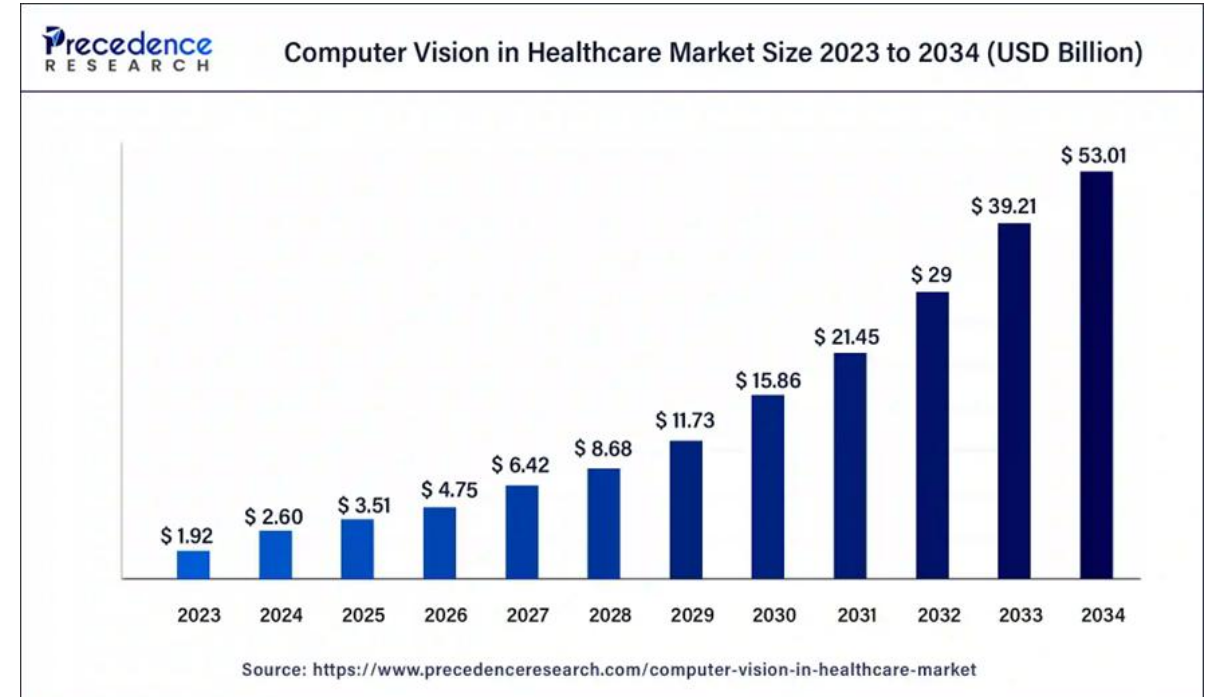
POWERED BY COMPUTER VISION

PERCISIO is a medical device based on an emerging technology. As illustrated, Computer Vision is a game-changer in medical engineering and serving as a cornerstone of Medicine 4.0.

When Computer Vision is combined with the right hardware and software choices, the resulting solution delivers excellent service quality.



PERCISIO is powered by computer vision and leverage all benefice of this technology to compute patient s position and tracking medical instruments.



An innovative approach to tracking any medical instrument

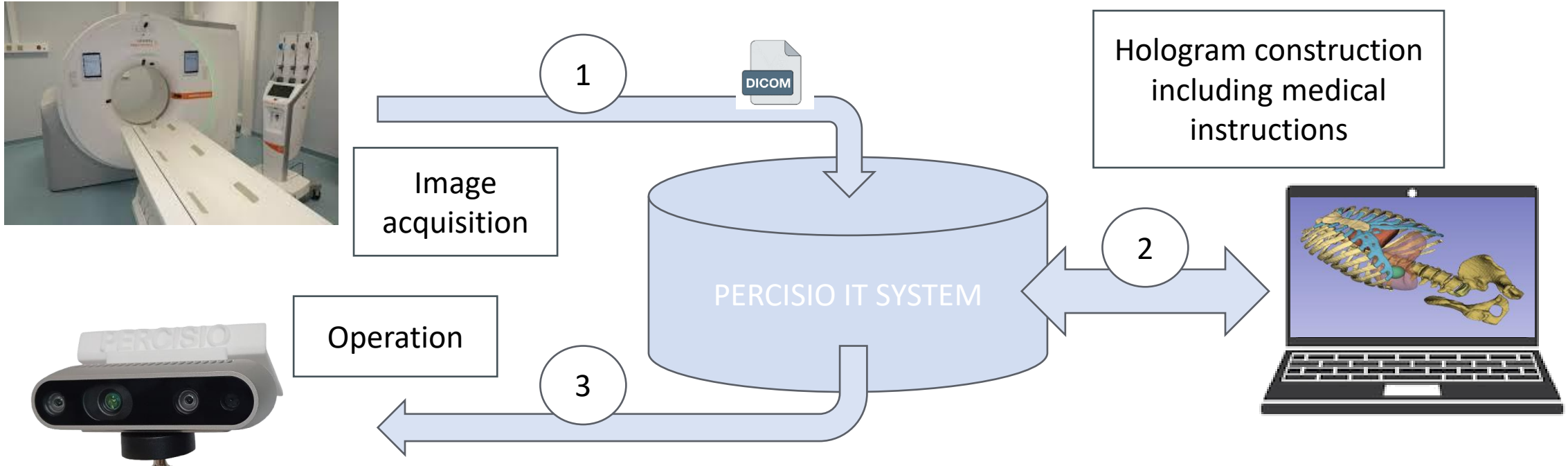
The first challenge in computer-assisted medical procedures is the ability to track patients and medical instruments.

PERCISIO ensures those two key functions through software and electronic engineering.

PERCISIO is compatible with any kind of medical instrument.



A Procedure in Three Steps



PERCISIO follows a three-step procedure:

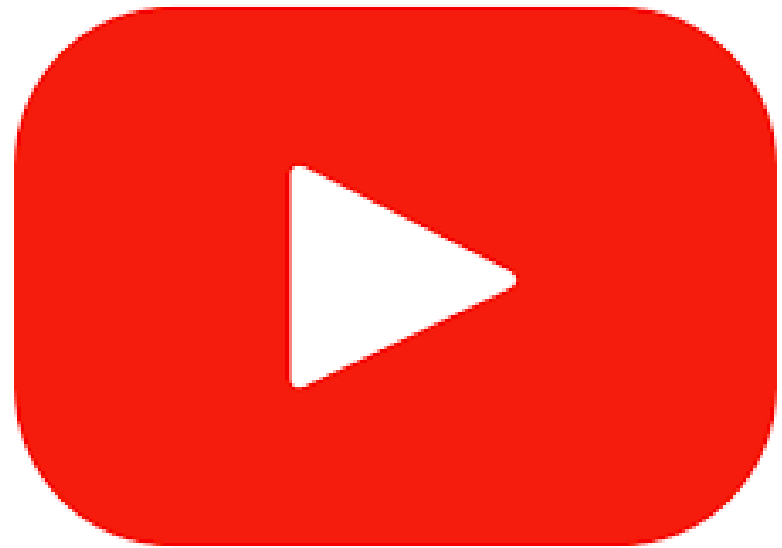
1. Capturing medical images using a scanner, MRI...
2. Constructing the hologram.
3. Performing the medical operation.

A three-step architecture is well-suited for a procedure that requires three distinct qualifications:

- Executing the scan
- Identifying the pathology and defining the procedure
- Performing the medical operation

An important advantage of this architecture is that it enables remote work. Step two can be carried out at a different location from steps one and three.

VIDEOS



CONCLUSION - A simpler and more affordable system than other solutions available on the market.

Using Virtual Reality technology for interventional medicine is an exciting challenge, but only if two key features are met: the overlay of the patient with their hologram and the tracking of medical instruments.

PERCISIO ensures these two functions with perfect accuracy and a highly comfortable setup—significantly smaller and more affordable than devices relying on electromagnetic or infrared tracking.

PERCISIO is the result of extensive work, carefully tailored to medical needs, combined with expertise in software and electronic engineering.

THANK YOU!

Thank you

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Or



<https://percisio.tech/>