



CT-Navigation

Electromagnetic navigation solution for CT-guided percutaneous procedures.

Real-time stereotactic needle guidance with reduced radiation.

Versatility

- From **novice to expert**, CT Navigation can be used for various percutaneous interventions.
- By not having an **angulation limit** of the trajectory path visualization, even the most complex procedures can be performed **efficiently**.

End-User Focused

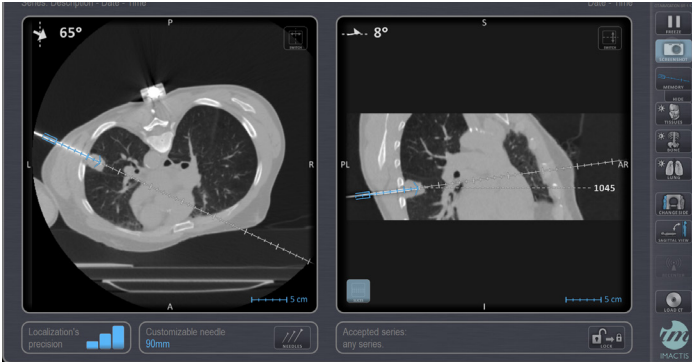
- Using CT Navigation improves **workflow**.
- All planning can be done on patient without using the CT console and the CT Navigation is fully **compatible** with any needles/probes (11 g - 25 g).
- Quick set up of **less than 5 minutes**¹.

Predicted Procedure Time is Reduced² by up to **50%**

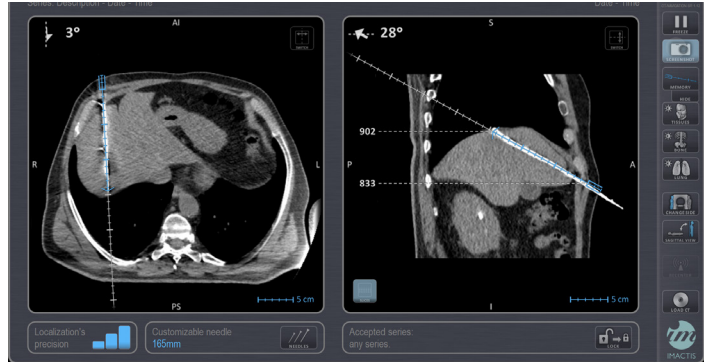
Broad Utilization

- Can be used for a **variety of procedures** from biopsies, ablations, drainages, infiltrations, vertebroplasties and more.
- The system results in **reduced radiation**² through using **electromagnetic** technology. **Dynamic navigation** and **virtual trajectory projections** are available for the CT images that are taken during the procedure.

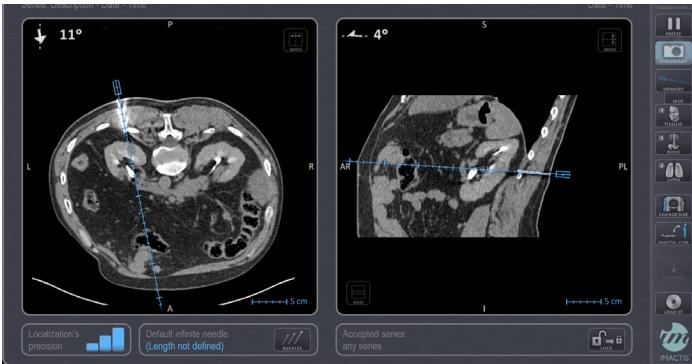
A GPS for the Body



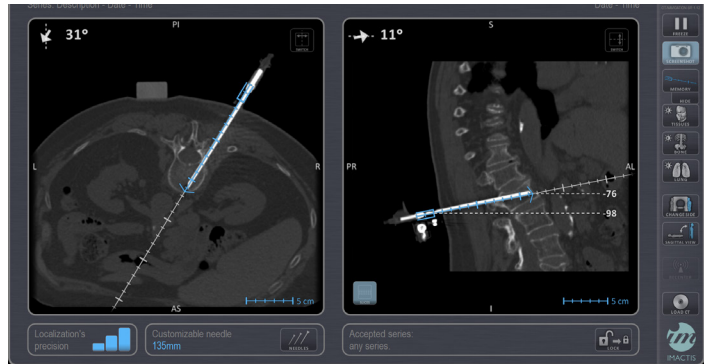
Lung Biopsy



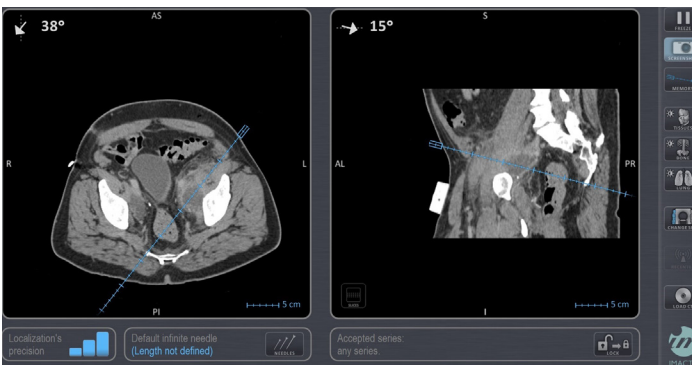
Liver Ablation



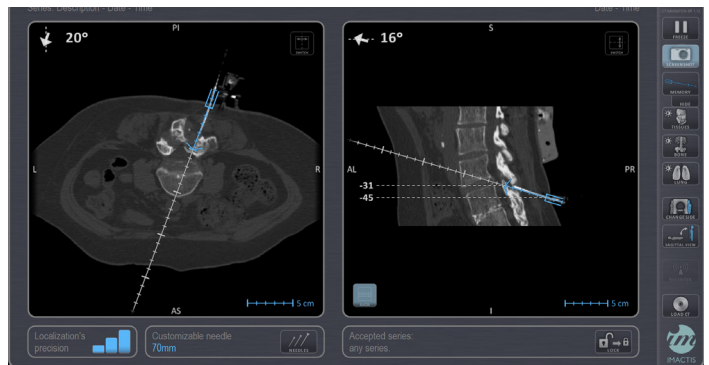
Renal Ablation



Vertebroplasty



Drainage



Infiltration

¹ As measured internally by Imactis. Results may vary.

² Based on reduced control scans and the diminution of total exposure time.

³ Teriitehau, C., Rabeh, H., Pessis, E., Senechal, Q., Besse, F., & Bravetti, M. (2020). Reduction of patient radiation dose during percutaneous CT vertebroplasty: Impact of a new computer-assisted navigation (CAN) system. *Societe Francaise de Radioprotection*, 55(1), 11-16

References: Teriitehau C, Rabeh H, Pessis E, Senechal Q, Besse F, Bravetti M. 2020. Reduction of patient radiation dose during percutaneous CT vertebroplasty: Impact of a new computer-assisted navigation (CAN) system. *Radioprotection*, <https://doi.org/10.1051/radiopro/2019049>.

