

BIOPSY NAVIGATION



Accurate and minimally
invasive BIOPSY procedures.

 **SAPHIREX**TM
SURGICALS

Biopsy Navigation

- Cutting-edge, precision-driven navigation solution tailored for all interventional radiology procedures.
- Reduce CT scan exposures by 70 %
- Cuts down time by half.
- Seamless integration.

Unique Features

Optimal cart design and a mobile camera arm for enhanced functionality.

- Optimal optical tracking system for precision.
- Instruments that are ergonomically designed for bimanual procedures
- Universal navigation system designed to guide surgical instruments sourced from diverse vendors.
- Streamlined and automated registration process and workflows for effortless use.
- Refined planning stations that facilitate interactive trajectory selection to avoid vessels and nerves optimally.
- Seamlessly compatible with a wide range of CT scanners.



Workflow

- Obtain the CT data using the localizer and import it into the system.
- Finish the automatic registration process
- Utilize cutting-edge, user-friendly, and streamlined instrument assemblies to carry out the procedure.
- Implementing a bimanual workflow to enhance procedural control



Surgeries Supported

CT-guided biopsies for lung, liver, and kidney procedures.

- Interventions or biopsies of retroperitoneal lymph nodes.
- Biopsies of vertebral and disc tissues.
- Interventional procedures, such as root blocks and epidural injections.

Radiofrequency ablations and facet nerve ablations.

- Radiofrequency ablations for osteomas in the pelvis.
- Challenging biopsies in the pelvic region.



Awarded by **MSME**
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ISO 13485 Certified.



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