About Parsiss

Founded in 2006, focusing on improving minimal invasive surgeries by designing and manufacturing innovative surgical navigation systems. Parsiss streamlined and user-friendly systems can be used in Neurosurgery, ENT, Spine, CMF, and Orthopedic surgeries. Our main goal is to propose an innovative solution based on surgeons' needs in various domains, allowing them to perform complicated surgical procedures more safely at a faster pace, shorter recovery, and lower costs.

Parsiss conducts advanced research projects with clinical partners to utilize innovative technologies to improve patient treatment planning and surgical procedures more safely and efficiently.

We have planned skill-based programs to ease the learning curve of specialists in using advanced medical technologies to perform minimally invasive, high precision, and high-quality services.

Together, we are making advanced technology and creative knowledge more impactful to surgeons and their patients.

Iran Advanced Clinical Training Center (iACT)

Basic & advanced training program for navigation in surgery based on patient specific phantoms

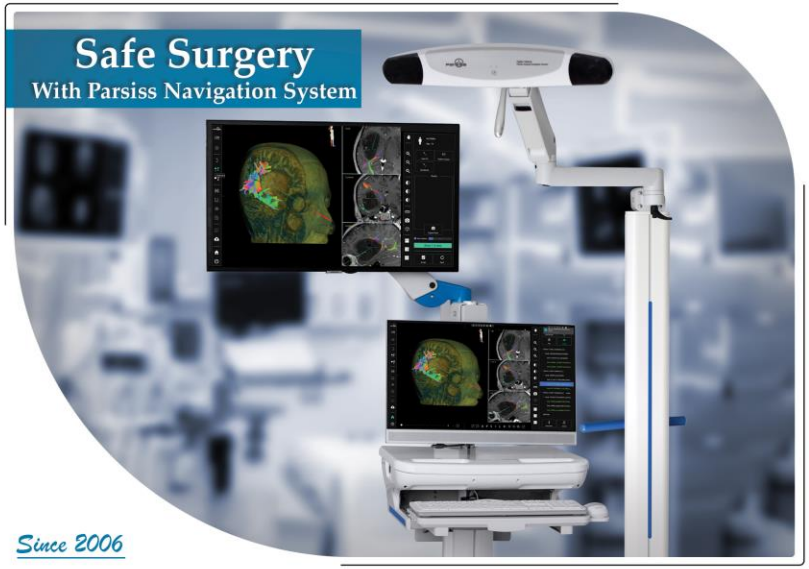
Available navigation workshops in:

- o Neurosurgery
- o ENT
- o CMF
- o Bronchoscopy

More information on: **www.iactcenter.ir**

Parsiss

Innovative Surgical Navigation Systems



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Ultimate solution for ENT, skull base, spine and neurosurgery

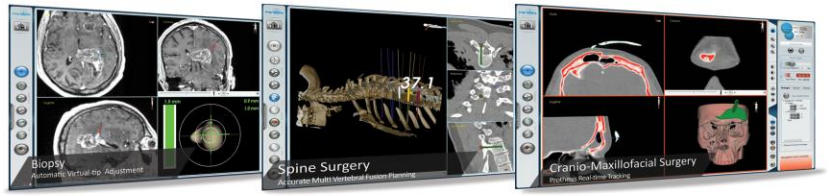
OV4

OPTO

Features and specifications:

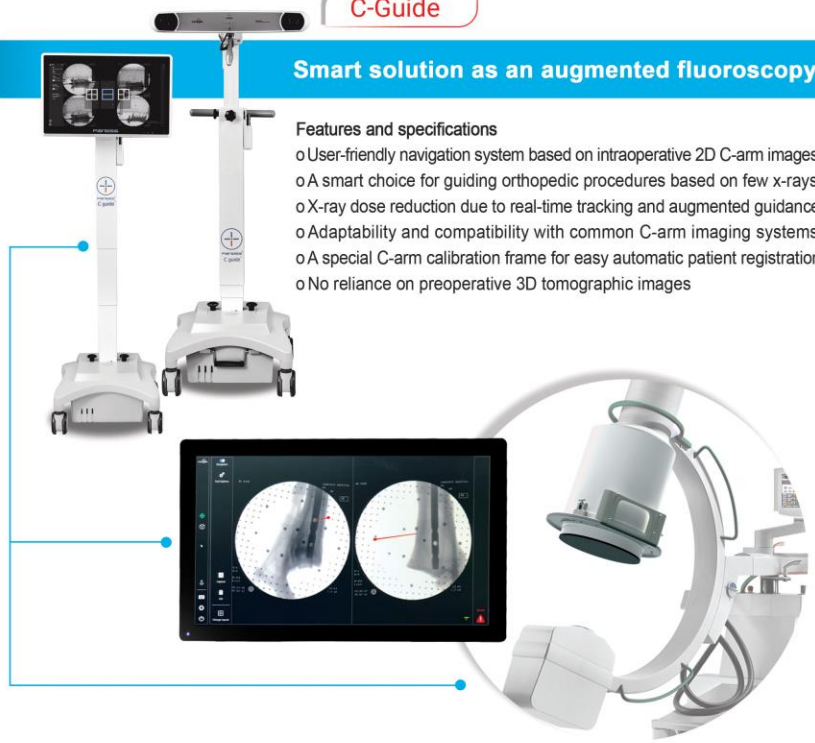
- o A large field of IR tracking (3000 * 1470 * 1856 mm)
- o High volumetric accuracy to 0.12 mm RMS with low noise
- o Two-part trolley design with maneuverable articulated arms
- o A 32-inch high-definition monitor for the surgeon
- o A variety of tools for a wide range of surgeries
- o Smart frameless biopsy module
- o Ability to import fMRI and DTI images that analyzed by the third-party applications
- o Weight-balanced height adjustment of the main trolley

Advanced software modules



C-Guide

Smart solution as an augmented fluoroscopy



Features and specifications

- o User-friendly navigation system based on intraoperative 2D C-arm images
- o A smart choice for guiding orthopedic procedures based on few x-rays
- o X-ray dose reduction due to real-time tracking and augmented guidance
- o Adaptability and compatibility with common C-arm imaging systems
- o A special C-arm calibration frame for easy automatic patient registration
- o No reliance on preoperative 3D tomographic images

COMPO +

Compact system for service delivery

Features and specifications:

- o Convenient packing and transportation
- o Navigation-ready in 5 minutes
- o Accurate infrared optical tracking system
- o Wireless electrical height-adjustable columns
- o Compact design with excellent maneuverability
- o Customized solution for surgical navigation