

MEDICAL EDUCATION

NAVIGATION OF ENT PROCEDURES Training Agenda

Medtronic
Further, Together

This course will instruct on the effective use of navigation systems running the Fusion ENT software application. Emphasis will be placed on understanding the basic concepts of image-guided surgery as it pertains to the surgical procedures that navigation is used for. The intended audience is operating room personnel.

8:30 am Computer assisted surgery and how it relates to ENT procedures

- What do navigation systems do?
- Required Elements for navigation
- AxiEM tracking
- Radiology Review

Navigation System set-up

- Component names and locations
- Power on sequence
- Navigating the software

Pre-Registration Tasks

- Select Surgeon screen
- Select Procedure screen
- Select Patient screen
 - Loading and checking patient exams
 - Reviewing and modifying exams
 - Building the registration model
- Set up equipment screen
- Preparing the patient and instruments
- AxiEM Emitter Positioning and the tracking view

Registration Options

- Tracer Registration
- 3 Point Tracer
- Point Merge Registration

Navigating with the System

- Plug and Play Instruments
- Modifying Images and Changing the Layout
- Using Endoscopic Video on the Navigation System

End Tasks

- Snapshots
- Review Exercises
- Exam archival and removal
- Power down sequence

4:30 pm Adjourn

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