

# MEDICAL EDUCATION

## SPINE NAVIGATION StealthStation™S8 Training Agenda

**Medtronic**  
Further Together

This course instructs Allied Health staff and operating room staff on the use of StealthStation™S8 Navigation system, the Spine application and navigated spine surgical instruments. Emphasis is on understanding the concepts of surgical navigation, and navigated procedure workflow and roles.

### **DAY 1 – Morning**

- 8:30 a.m. Introductions and Course expectations
- Orientation to course materials
- Image-guided surgery
- Technology overview
  - Required elements for navigated procedures
  - Optical tracking
    - Line of sight
    - Importance of the reference frame
  - Clinical Applications
- 9:15 a.m. StealthStation™ S8 Systems set up, components, take down
- Exercise
- 10:00 a.m. Break
- 10:15 a.m. Stealth™ Spine Software Overview
- Touch Gestures
  - Logging into the software
- Software steps in a case using O-arm™ images
- Selecting a Surgeon and Procedure
- NAVLOCK™ Instruments
- Assembly, Toolcard management, and verification
    - Exercise
- Basic Instrument Troubleshooting
- 11:30 a.m. The Stealth™ Navigation Screen - Modifying images, changing views and layout
- Exercise
- 12:00 pm Lunch

## **DAY 1 – Afternoon**

- 1:00 p.m. The Stealth™ Navigation Screen – Selecting Projections and Tips, Saving Plans and Screws
- Exercise
- 2:15 p.m. Break
- 2:30 p.m. Reference Frame Options
- The Spine Referencing sets
  - Frame placement options
- 3:00 p.m. Stealth™ Instrument Trays
- Tactile Probes
  - Taps and Drivers (all)
  - Drill Guides
  - Exercise
- 3:45 p.m. Main Menu, Customizing the Stealth™ Software and Optional Tasks
- Admin>Surgeon
    - Procedures, Configuration, Views, Navigation, Devices
    - Exercise
  - Exam, Snapshots, and Video archival and removal
- 5:00 p.m. Dismissal

## **DAY 2**

- 8:30 a.m. Case set-up Exercise
- 9:00 a.m. Introduction to O-arm™ Imaging system
- Radiation safety
  - Main features and functionality
  - O-arm™ system comparison
- 9:30 a.m. Break
- 9:45 a.m. Workflow of a case using O-arm™ Imaging System
- OR set-up considerations – tables, arm boards, cables, etc.
  - Patient Positioning
  - Perc Pin Reference Frame
  - Draping practice
  - Minimally Invasive instrumentation
  - MVS operation
- 11:30 p.m. O-arm™ System Emergency Procedures
- Emergency procedures demo
- 12:00 p.m. Lunch

- 1:00 p.m. Hands On Station Rotations
- Navigated Lateral Procedures & Interbody Placement
    - Disc prep Instruments
    - CLYDSDALE™ Instruments
    - CAPSTONE™ Instruments
  - Drilling Station
    - POWEREASE™ drill
    - UDG with TRITON™ drill
    - Stealth-Midas™ drill
- 1:45 p.m. Rotate
- Navigated Posterior Cervical Fixation
    - Navigated VERTEX SELECT™ system
  - SURETRAK2™ Instrument Set – assembly and calibration
- 2:30 p.m. Break
- 2:45 p.m. Assist the Surgeon
- Exercise
  - Additional registration methods (optional, based on trainee need and interest)
- 3:45 p.m. Course evaluations
- 4:00 p.m. Awarding of certificates, adjourn

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