

Brainlab Image Guidance System (IGS) & Stereotaxy Hands-On Workshop & Certification Course

World Federation of
Neurosurgical
Societies **WFNS**
Symposia 2018

For Nurses & Allied Health Professionals Only



16th August 2018
(Half Day Workshop)



Hospital Kuala Lumpur



20 Participants Only!
First come-First served

This is a basic navigation course that covers the following topics:

1. Introduction to Neuronavigation – technology, workflow, benefits of navigation, set-up for different surgical procedures
2. Patient data transfer – how to correctly select and transfer DICOM data from CT and / or MRI scanners to the navigation system
3. Patient data manipulation – how to perform Image Fusion of different patient data sets, and how to perform outlining structures of interest
4. Patient registration for navigation – introduction to patient registration techniques for navigation, using instruments like Z-Touch (Laser Registration) or Softouch Registration Pointers
5. Navigation software – how to operate the navigation software and discussion on features within the navigation software
6. Instruments for navigation – proper handling of various navigation instruments, including Varioguide
7. Discussion On Integrating 3rd Part Equipment Like Microscope, Ultrasound and Mobile CT

NOTE: Kick Navigation system will be on-site for hands-on practice.



16TH AUGUST 2018 (THURSDAY)

TIME	PROGRAMME
0800 - 0815 hrs	Registration
0815 - 0845 hrs	Introduction to Neuronavigation – technology, workflow, benefits of navigation, set-up for different surgical procedures
0845 - 0915 hrs	Patient data transfer – how to correctly select and transfer DICOM data from CT and / or MRI scanners to the navigation system
0915 - 0945 hrs	Patient data manipulation – how to perform Image Fusion of different patient data sets, and how to perform outlining structures of Interest
0945 - 1015 hrs	Break
1015 - 1045 hrs	Patient registration for navigation – introduction to patient registration techniques for navigation, using instruments like Z-Touch (Laser Registration) or Softouch Registration Pointers
1045 - 1130 hrs	Navigation software – how to operate the navigation software and discussion on features within the navigation software
1130 - 1200 hrs	Instruments for navigation – proper handling of various navigation instruments, including Varioguide
1200 - 1230 hrs	Discussion On Integrating 3rd Party Equipment Like Microscope, Ultrasound and Mobile CT