



FRIDAY, SEPTEMBER, 4TH AO FOUNDATION MEETING WITH NEUROSURGICAL SIMULATION RESEARCH AND TRAINING CENTRE GROUP

**THIS MEETING IS FOCUSED ON DISCUSSING NEW
RESEARCH INITIATIVES INVOLVING 3D SIMULATION
FOR OPERATIVE PROCEDURES USING SIMULATION
PLATFORMS**



Goal of Presentations

**Define key issues
related surgical error,
surgical competency
and surgical
expertise**

**Provide what is
needed to use high
fidelity 3D simulation
for surgical
education**

**Outline the
scenarios, metrics,
validation,
proficiency-based
benchmarks and uses
of the Simulation
Platform in surgical
assessment and
training**

NEUROSURGICAL SIMULATION RESEACH AND TRAINING CENTRE

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and Hospital McGill University
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<http://neurosims.mcgill.ca/>



8:30-8:40	Welcome and Introduction Rolando Del Maestro, Director, Neurosurgical Simulation Research and Training Centre, MNH/MNI
	Simulation For Tumor Resection
8:40-8:55	Globalization of Neurosurgical Operative Care using Simulation Technology: Promise, Projects and Problems Rolando Del Maestro, Director, Neurosurgical Simulation Research and Training Centre
8:55-9:05	Discussion
9:05-9:15	Creating Surgery Training Scenarios Abdulrahman Sabbagh, Neurosurgical Simulation Research and Training Centre, National Neuroscience Institute (NNI), Department of Neurosurgery, King Fahad Medical City (KFMC), Riyadh, Saudi, Arabia Via Skype
9:15-9:25	Discussion
9:25-9:35	Assessing Bimanual Psychomotor Performance using NeuroTouch Fahad Alotaibi, Neurosurgical Simulation Research and Training Centre
9:35-9:45	Impact of Acute Stress on Bimanual Psychomotor Performance Khalid Bajunaid, Neurosurgical Simulation Research and Training Centre
9:45-9:55	Assessing Neurosurgical Technical Skills in Neurosurgical Resident Applicants Alexander Winkler-Schwarz, Neurosurgical Simulation Research and Training Centre
9:55-10:25	Discussion
10:25-11:00	Travel to NRC

