



Neurosurgical Simulation
Research Centre

Montreal Neurological Institute
and Hospital



Simulation Symposium: Moving Forward: The Future

Neurosurgical Simulation Research Centre

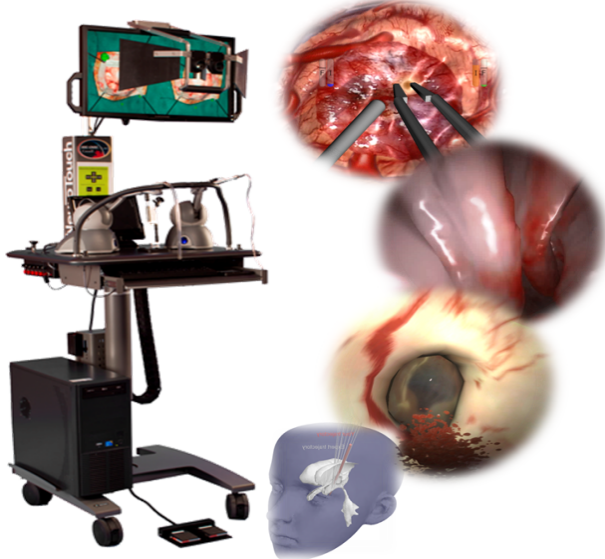
De Grandpre Communication Centre

Montreal Neurological Institute and Hospital

September 25th: 2:00-5:30 pm

Purpose ; This Symposium is focused on discussing new research initiatives involving 3D simulation for operative procedures using the NeuroTouch Platform developed by the National Research Council and a Consortium of National and International Institutions including the Neurosurgical Simulation Centre at the Montreal Neurological Institute and Hospital.

2:00-2:05 min	Welcome Rolando Del Maestro, Director, Neurosurgical Simulation Research Centre, MNH/MNI
	Simulation For Tumour Resection
2 :05-2:20 min	Neurosimulation: Promise, Projects and Problems Rolando Del Maestro, Director, Neurosurgical Simulation Research Centre,
2:20-2:30 min	Discussion
2:30-2:45 min	Creating Open Surgery Training Scenarios for Craniotomy. Valerie Pazos, National Research Council, Boucherville
2:45-2:55 min	Discussion
2:55-3:10 min	Operating with Two Hands: Scenarios and Multinational Participation Fahad Alotaibi, Neurosurgical Simulation Research Centre, MNH/MNI
3:10-3:20 min	Discussion

3:20-3:30 min	Two Handed Simulation: Thinking about Force and Position Elias Saad, Department of BioMedical Engineering, McGill University
3:30-3:40 min	Discussion
3:40-3:50 min	Assessing Neurosurgical Technical Skills in Medical Students using a Virtual Reality Simulator Alexander Winkler-Schwarz Neurosurgical Simulation Research Centre, MNH/MNI
3:50-4:00	Discussion
	
	Endoscopic Surgery
4:00-4:15 min	Creating Endoscopic Training Scenarios for ENT and ETV Patricia Debergue, National Research Council, Boucherville
4:15-4:25 min	Discussion
4:25-4:40 min	Assessing Endonasal Performance using Simulation Rickul Varshney, Department of Otolaryngology-Head and Neck Surgery McGill University
4:40-4:50	Discussion
	Cerebrovascular Surgery
4:50-5:00	Aneurysm Exposure—A Work Plan Francis Thibault, National Research Council, Boucherville
5:00-5:10 min	Discussion
5:10-5:30 min	Group Discussion Re: Simulation Opportunities for Quebec
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