Short-term Neurosurgery Skills Training Program
Neurosurgery Education and Training School
Department of Neurosurgery
All India Institute of Medical Sciences, New Delhi, India

Short-Term Neurosurgery Simulation Skills Training

2 Weeks Program

Dr. Name: -

Lab. Day	Training Schedule (Morning Session) Time: 10:00 am to 12:00 noon	Training Schedule (Evening Session) Time: 2:00 pm to 4:00 pm
Demo on Micro suturing, High speed drilling, Neuro-endo-trainer		
1st Day	Micro Suturing, 4-0 PDS Magnification Factor = 0.4 Magnification = 2.83	Micro Suturing, 4-0 Silk Magnification Factor = 0.6 Magnification = 4.25
2nd Day	Micro Suturing, 5-0 Ethilon/Monocryl Magnification Factor = 0.6 Magnification = 4.25	Micro Suturing, 5-0 Silk Magnification Factor = 1.0 Magnification = 7.08
3rd Day	**Basic Drilling -1** **Sheep head, scapula,** **Egg shell drilling**	Micro Suturing, 8-0 Prolene/ Ethilon Magnification Factor = 1.0 Magnification = 7.08
4th Day	Micro Suturing, 8-0 Prolene/ Ethilon Magnification Factor = 1.6 Magnification = 11.33	**Basic Endoscopy 1** 0, 30, 45 degree Scopes Capsicum and Papaya, Head and FESS Model
5th Day	**Advanced Drilling -1** **Microscopic** Magnification Factor = 0.4, 0.6 Magnification = 2.83, 4.25	Micro Suturing, 8-0 Prolene/ Ethilon Magnification Factor = 2.5 Magnification = 17.71
6th Day	**Advanced Endoscopy -1** 0, 30, 45 Degree Scopes NETS- Neuro-endo-trainer	Micro Suturing, 10-0 Nylon Magnification Factor = 1.6 Magnification = 11.33
7th Day	Micro Suturing, 10-0 Nylon Magnification Factor = 1.6 Magnification = 11.33	Micro Suturing, 10-0 Nylon Magnification Factor = 2.5 Magnification = 17.71
8th Day	**Advanced Drilling - 2** **Microscopic** Magnification Factor = 0.4, 0.6 Magnification = 2.83, 4.25	Micro Suturing, 10-0 Nylon Magnification Factor = 2.5 Magnification = 17.71
9th Day	Synthetic Vessel Anastomosis (DEMO) Magnification Factor = 1.6, 2.5 Magnification = 11.33, 17.71	Sciatic Nerve Anastomosis (Rat) Magnification Factor = 1.6, 2.5 Magnification = 11.33, 17.71
10th Day	**Advanced Endoscopy - 2** 0, 30, 45 Degree Scopes NETS- Neuro-endo-trainer	Femoral Artery Anastomosis (Rat) Magnification Factor = 1.6, 2.5 Magnification = 11.33, 17.71
Demo on (Free days) Cadaver dissection, 3D Microscope -skull base, 3D Endoscope-skull base		

Training Timing	
Monday To Friday	**10:00 AM To 5:00 PM**
Saturday	**10:00 AM To 1:00PM**
Sunday	**Closed**