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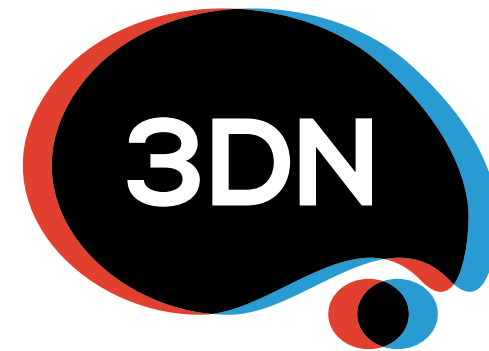
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3DNEUROANATOMY

INTRINSIC BRAIN LESIONS:

THE CEREBRAL SUBSTANCE, VENTRICULAR SYSTEM, CEREBELLUM & BRAINSTEM. ANATOMY & SURGICAL APPROACHES

FOLLOWED BY SKULL BASE ENDOSCOPIC SYMPOSIUM



More information:
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23rd–25th November 2017

Universidad de Medicina FASTA
Mar del Plata, ARGENTINA

THURSDAY 23rd

8.00-8.15	Phylogenetic evolution of the CNS. A surgical perspective. Pablo González
8.15-8.30	Sulco-gyral architecture and the craniometric points of the skull. The cerebral lobes. Víctor Fernández
8.30-8.45	The importance of surgical planning. Osirix & brain surface reconstruction. 3D cortical neuronavigation. Iván Verdú
8.45-9.00	Awake surgery for language areas cavernomas. Paulo Porto
9.00-9.15	The white matter of the human brain. Surgical implications. Matias Baldoncini
9.15-9.30	The insular lobe. Anatomy and surgery. Igor Maldonado
9.30-10.00	COFFEE BREAK
10.00-13.15	Cerebral hemispheres dissection through cases discussion. Lateral Aspect (I). All faculty
13.15-14.45	LUNCH
14.45-15.00	The sagittal stratum anatomy & surgical implications. Igor Maldonado
15.00-15.15	The central core. White matter dissection and surgical strategies. Matias Baldoncini
15.15-15.30	Multimodal awake surgery. The implementation of 5-ALA, awake craniotomy, fMRI and DTI tractography. Puneet Plaha
15.30-15.45	Awake surgery & neuroanatomy applied to the central lobe AVMs surgery. Paulo Porto
15.45-16.00	Contact neuroendoscopy & tractography in glioma surgery: a multimodal approach. Alvaro Córdoba
16.00-16.30	COFFEE BREAK
16.30-19.30	Cerebral hemispheres dissection through cases discussion. Lateral Aspect (II). All faculty

FRIDAY 24th

8.00-8.15	Supratentorial tumors surgery. Endoscopic assisted microsurgery. Puneet Plaha
8.15-8.30	Limbic and paralimbic tumors. Anatomy and related surgical approaches. Pablo González
8.30-8.45	Pineal gland and neighbor structures surgical anatomy. Samer Elbabaa
8.45-9.00	The supratentorial ventricular system anatomy. Javier Abarca
9.00-9.15	Intraventricular tumors surgery. Endoscopic assisted microsurgery. Samer Elbabaa
9.15-9.30	Endoscopic third ventriculostomy. Relevant anatomy and indications. Alvaro Córdoba
9.30-10.00	COFFEE BREAK

10.00-13.15	Cerebral hemispheres dissection through cases discussion. Medial Aspect. All faculty
13.15-14.45	LUNCH
14.45-15.00	Relevant cerebellar and brainstem white matter fiber tracts. Maximiliano Núñez
15.00-15.15	Brainstem and cerebellum surgical anatomy. Samer Elbabaa
15.15-15.30	Cerebellovermian intrinsic tumors. Víctor Fernández
15.30-15.45	Fourth ventricle anatomy and surgery. Javier Abarca
15.45-16.00	Endoscopic surgical modalities in and around the posterior fossa contents. Pablo González
16.00-16.30	COFFEE BREAK
16.30-19.30	Cerebral hemispheres dissection through cases discussion. Cerebellum & Brainstem. All faculty

SATURDAY 25th

8:30-9.00	Skull base 3D anatomy for the endonasal endoscopic surgery. Javier Abarca
9.00-9.20	Endonasal endoscopic surgery for sellar lesions. First steps in the learning curve. Guilherme Almeida
9.20-9.40	Uninostril endonasal endoscopic approach for pituitary adenomas: Step by step. Mahmoud Messerer
9.40-10.00	Cavernous sinus invasion endonasal endoscopic surgery. Where is the limit? Javier Abarca
10.00-10.30	Sellar and suprasellar tumors. Transcranial vs. Endonasal approaches. Cases discussion. All faculty
10.30-11.00	COFFEE BREAK
11.00-14.00	Endoscopic endonasal skull base anatomical demonstrations and case discussion. All faculty
	OBJECTIVES
	1.- Nasal steps Surgical landmarks in nasal cavity Turbinectomy Nasoseptal Flap for extended endonasal surgery Septostomy Sphenoidotomy
	2.- Sphenoidal steps Drilling septa Drilling sella and parasellar areas
	3.- Intradural steps Dural opening Intradural landmarks Sellar / transtuberular and trans clival approach
14.00	Closure & Certificates distribution