

Porto Alegre

Porto Alegre is the capital and largest city of the [Brazilian](#) state of Rio Grande do Sul.

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Publications

Ludwig do Nascimento T, Finger G, Sfreddo E, Martins de Lima Cecchini A, Martins de Lima Cecchini F, Stefani MA. Double-blind randomized clinical trial of vancomycin in spinal arthrodesis: no effects on surgical site infection. *J Neurosurg Spine*. 2019 Sep 6:1-8. doi: 10.3171/2019.6.SPINE19120. [Epub ahead of print] PubMed PMID: 31491758.

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Courses

WFNS Education course Porto Alegre, November 17-20, 2016 Organized by the WFNS Education Committee Chairmen: H Bertalanffy, C Di Rocco Local Organizer: Prof Apio Antunes FACULTY International: 1 Miguel Arraez, Spain marraezs@commalaga.com 2 Armando Basso, Argentina armandobasso@gmail.com 3 Maurice Choux, France mchoux4842@numericable.fr 4 Concezio Di Rocco, Italy-Germany profconcezioldirocco@gmail.com 5 Sherif Ezzat, Egypt sherifezzat10@gmail.com 6 Fusao Ikawa . Japan fikawa-nsu@umin.ac.jp 7 Yoko Kato, Japan kyoko@fujita-hu.ac.jp 8 Ekkehard Kasper , USA ekasper@bidmc.harvard.edu 9 Kentaro Mori , Japan kmori@ndmc.ac.jp 10 Vincenzo

Paterno'. Germany paterno@lni-hannover.de 11 Christian Raftopoulos ,Belgium christian.raftopoulos@uclouvain.be 12 Scott Robertson. USA s.robertson.md@gmail.com

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4. [Hildo Azevedo Filho](#) azevedoh@uol.com.br

5. Leonardo Frighetto lfrighetto@hotmail.com 6. Francine Hehn franhehn@gmail.com 7. Manoel Jacobsen Teixeira manojacobsen@gmail.com 8. Ricardo Ramina ramina@inc-neuro.com.br 9. Leonardo Vedolin leonardovedolin@hotmail.com WFNS Education course Program DAY ONE (17 November 2016) 13.00-18.30 HYDROCEPHALUS WORKSHOP Sponsored by Karl Storz GmbH and Co and Surgiwear Co. Chairmen : Maurice Choux (Marseille, France), Concezio Di Rocco (Hannover, Germany) Participants : Yoko Kato (Nagoya, Japan), Hildo Azevedo (Recife, Brazil), Jose Luis Alencastro (Porto Alegre, Brazil), Leandro Kubagawa(Brazil) 13.00-13.10 Introduction M Choux, C Di Rocco 13.10-13.30 Endoscopy : how did it change the Surgical Approach to Hydrocephalus C. Di Rocco 13.30-14.00 How to perform a Ventriculo-Peritoneal Shunt M. Choux 14.00- 14.20 Hydrocephalus associated to Myelo-Meningocele C. Di Rocco 14.20-14.40 How to prevent Shunt infection M. Choux 14.40-15.00 How I do it : External Ventricular Drainage M. Choux 15.00-15.20 Normal Pressure Hydrocephalus H. Azevedo

15.20-15.40 Coffee Break 15.40-16.00 How to perform an Endoscopic Third Ventriculostomy C. Di Rocco 16.00-16.20 Endoscopic third Ventriculostomy : where are we today ? H. Azevedo 16.20-16.40 Endoscopy in Hydrocephalus : difficulties and recurrences L. Alencastro 16.40-18.30 HANDS-ON ENDOSCOPY Leandro Kubagawa , Yoko Kato, Hildo Azevedo, Jose Luis Alencastro, C. Di Rocco, M. Choux DAY TWO (18 November, 2016) 08.00- 08-20 Welcome, Presentation of the course: Apio Antunes, Concezio Di Rocco Session I TUMORS I Supratentorial 08.20 10.50 08.20 -08.50 New trends in neuroimaging L. Vedolin 08.50-09.20 The WHO new CNS tumors classification F.Hehn 09.20-09.50 Pituitary surgery- how we got here! A. Basso 09.50-10.20 Clival tumors: from microsurgery to endoscopy M Arraez 10.20-10.50 Optic pathways and hypothalamic tumors M Choux 10.50-11.10 Coffee break Session II TUMORS II Supratentorial 11.10-13.00 11.10-11.35 Current treatment options for glioblastoma multiforme S Ezzat 11.35-11.50 Impact of intraoperative MRI on glioblastoma surgery and survival C Raftopoulos 11.50-12.15 Surgical Removal of Petroclival Meningiomas R Ramina HOW I DO IT (15'+5') 12.15-12.35 Giant olfactory groove meningiomas E Kasper 12.35-12.55 The subfrontal-interhemispheric approach to the suprasellar area and third ventricle M Arraez

13.00-14.00 Lunch Session III TUMORS III 14.00-15.30 14.00-14.30 Intraventricular tumors E Kasper 14.30-15.00 The concept of minimally invasive neurosurgery A Basso 15.00-15.30 Complex cranial surgery for neoplastic lesions E Kasper 15.30-16.00 Stereotactic neurosurgery treatment for brain metastasis L Frighetto 16.00-16.30 Coffee break Session IV SPINE I 16.30-17.00 Degenerative diseases of the lumbar spine: overall management S Robertson 17.00-17.30 Minimal invasive lumbar surgery with neuronavigation based on intraoperative robotic 3D fluoroscopy C Raftopoulos HOW I DO IT 17.30-17.50 Spondylitis and spondylolisthesis: How I manage them. S Robertson 17.50-18.10 Brachial plexus lesions V Paterno' 18.10-18.30 Anterior approach for cervical discs S Robertson DAY THREE (19, NOVEMBER, 2016) Session V Vascular 08.00-13.00 08.00-08.30 Initial management of subarachnoid hemorrhage S Ezzat 08.30-09.00 Aneurysm - Management of aneurismal SAH - H Azevedo 09.00-09.30 Advances in aneurysm surgery Y Kato 09.30-10.00 Surgical management of middle cerebral aneurysms in a multidisciplinary group C Raftopoulos 10.00-10.30 Trans-cavernous approach and bypass technique to manage complicated cerebral aneurysms K Mori 10.30-11.00 Coffee break How I do it 11.00-11.25 Preoperative simulation for cerebral aneurysm and F Ikawa skull base tumors 11.25-11.50 Keyhole clipping techniques to treat unruptured cerebral aneurysms K Mori 11.50-12.15 Technical principles of AVM Surgery Y Kato 12.15-12.50 Carotid endarterectomy A

Antunes 13.00-14.30 Lunch Session VI PEDIATRICS 14.30-16.00 14.30-15.00 Craniopharyngiomas C Di Rocco 15.00-15.30 Medulloblastomas M Choux 15.30-16.00 Management of complex craniosynostoses C Di Rocco 16.00-16.20 Coffee break Session VII FUNCTIONAL/PAIN 16.20-18.00 16.20-16.45 Anterior temporal lobectomy amigdalohypocampectomy (Spencer technique). Surgical nuances PH Aguiar 16.45-17.10 Neurosurgical procedures for psychiatric diseases MJ Teixeira

17.10-17.35 Surgical management of refractory pain C Raftopoulos

17.35-18.00 Neuromodulation and abnormal movements. What do we know? What to expect for the future ? MJ Teixeira

DAY FOUR (20, NOVEMBER, 2016) Session VIII TUMORS IV Infratentorial 08.30-11.00 08.30-08.55 Skull base approach for posterior fossa lesions F Ikawa 08.55-09.20 Cerebello-pontine angle region approach V Paterno 09.20-09.45 Acoustic schwannoma surgery . Tips and tricks E. Paglioli Neto 09.45-10.10 Brain stem tumors in children M Choux HOW I DO IT : 10.10-10.35 Surgical approach to ponto-mesencephalic tumors M Arraez 10.35-11.00 Supracerebellar approach H Azevedo 11.00-11.20 Coffee break Session IX TRAUMA/INTRACRANIAL HYPERTENSION 11.20-13.00 11.20-11.50 Head injuries in children M Choux 11.50-12.20 Decompressive post-traumatic craniotomy: The experience of Recife neurosurgical team H Azevedo 12.20-12.50 Decompressive craniotomy in post-ischemic malignant intracranial hypertension A Antunes 13.00-14.30 Farewell A Antunes/C Di Rocco

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