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

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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

16.30-17.00 Degenerative diseases of the lumbar spine: overall management

17.00-17.30 Minimal invasive lumbar surgery with neuronavigation based on intraoperative robotic 3D fluoroscopy

HOW I DO IT

17.30-17.50 Spondylitis and spondylolisthesis: How I manage them.

17.50-18.10 Brachial plexus lesions

18.10-18.30 Anterior approach for cervical discs

DAY THREE  (19, NOVEMBER, 2016)

Session V

Vascular

08.00-13.00

08.00-08.30 Initial management of subarachnoid hemorrhage

08.30-09.00 Aneurysm – Management of aneurismal SAH -

09.00-09.30 Advances in aneurysm surgery

09.30-10.00 Surgical management of middle cerebral aneurysms in a multidisciplinary group

10.00-10.30 Trans-cavernous approach and bypass technique to manage complicated cerebral aneurysms

10.30-11.00 Coffee break

How I do it

11.00-11.25 Preoperative simulation for cerebral aneurysm and skull base tumors

11.25-11.50 Keyhole clipping techniques to treat unruptured cerebral aneurysms

11.50-12.15 Technical principles of AVM Surgery

12.15-12.50 Carotid endarterectomy

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  amigdalo-hipocampectomy
            (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
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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>11.20-11.50</td>
<td>Head injuries in children</td>
<td>M Choux</td>
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<td>11.50-12.20</td>
<td>Decompressive post-traumatic craniotomy:</td>
<td>H Azevedo</td>
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<td>The experience of Recife neurosurgical team</td>
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<tr>
<td>12.20-12.50</td>
<td>Decompressive craniotomy in post-ischemic malignant intracranial hypertension</td>
<td>A Antunes</td>
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<td>13.00-14.30</td>
<td>Farewell</td>
<td>A Antunes/C Di Rocco</td>
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