



ISPN

INTERNATIONAL SOCIETY FOR
PEDIATRIC NEUROSURGERY



ISPN EDUCATION COURSE



CHENNAI, INDIA

21-23 SEPTEMBER 2023



ISPN

INTERNATIONAL SOCIETY FOR
PEDIATRIC NEUROSURGERY



**Pediatric
Neurosurgery
Committee**

THURSDAY 21 SEPTEMBER

2:30PM Inauguration

2:40PM ISPN - what it means, summary of the course and faculty introduction



HEAD AND SPINE INJURY

Moderators: Nelci Zanon & Sandip Chatterjee

3:00PM Pediatric head injuries unique to children | Sandip Chatterjee

3:20PM Role of decompressive craniectomy | Teddy Totimeh

3:35PM Role of ICP monitoring | Nelci Zanon

3:50PM Cranioplasty - options | Brandon Rocque

4:05PM Cervical spine injuries - Case based discussion | Sandip Chatterjee

4:20PM Dorsal and lumbar spine injuries | Brandon Rocque

4:35PM Discussion

4:40PM Case presentation on head and spine injuries by local faculty

5:00PM Tea break

HYDROCEPHALUS I

5:30PM Classifying hydrocephalus | Teddy Totimeh

5:50PM How shunts work | Kenichi Nishiyama

6:10PM Post haemorrhagic hydrocephalus | Kenichi Nishiyama

6:25PM Post infective hydrocephalus | Azmi Alias

6:40PM Hydrocephalus associated with post fossa tumours | Kazuaki Shimoji

6:55PM Discussion

7:15PM Case presentation by local faculty

7:30PM Close & dinner

FRIDAY 22 SEPTEMBER

HYDROCEPHALUS II

Moderators: Teddy Totimeh & local faculty

8:30AM ETV-indications, and prevention of complications - Kenichi Nishiyama

8:50AM How I do it: VP shunt, panel | Moderator: Sandip Chatterjee

9:15AM How I do it: ETV, panel | Moderator: Nelci Zanon

9:40AM Role of image guidance & ultrasound in hydrocephalus management | Azmi Alias

9:35AM Discussion

9:45AM Coffee break

DYSRAPHISM

Moderators: Kazuaki Shimoji & local faculty

10:10AM Classifying dysraphism | Sandip Chatterjee

10:30AM Neural tube defects: prenatal and postnatal management | Nelci Zanon

10:50AM Lipomas | Kenichi Nishiyama

11:05AM SCM and neuroenteric cysts | Suchanda Bhattacharjee

11:20AM Dermal sinus and LDM - What is the clinical difference? Sandip Chatterjee

11:35AM Discussion

11:50AM Case presentation on dysraphism | Sandip Chatterjee

12:10PM Case presentation by local faculty

12:30AM Secondary neural tube defects | Sandip Chatterjee

12:55PM How to prevent complications in dysraphism surgery | Brandon Rocque

1:10PM IONM in children undergoing surgery for tethered cord | Prof Rajsekhar

1:25PM Discussion

1:40PM Lunch



EPILEPSY

Moderators: Brandon Rocque & local faculty

2:30PM Indications for surgery in epilepsy | Azmi Alias

2:45PM Temporal lobectomy: indications and challenges | Suchanda Bhattacharjee

3:00PM Role and technique of hemispherectomy | Suchanda Bhattacharjee

3:15PM Corpus callosotomy: indications and technique | Brandon Rocque

3:30PM Case based discussion by local faculty

4:00PM Tea break

SUPRATENTORIAL TUMOURS

Moderators: Kenichi Nishiyama & local faculty

4:30PM Tips and tricks of surgery on supratentorial gliomas | Suchanda Bhattacharjee

4:45PM Glioneural tumours | Azmi Alias

5:00PM Craniopharyngiomas | Nelci Zanon

5:15PM Intraventricular tumours | Suchanda Bhattacharjee

5:30PM Discussion

5:45PM Skull and orbital tumours | Kenichi Nishiyama

6:00PM Case presentation by local faculty

6:30PM Close

SATURDAY 23 SEPTEMBER

INFRATENTORIAL TUMOURS

Moderators: Suchanda Bhattacharjee & local faculty

8:30AM Pilocytic astrocytoma | Teddy Totimeh

8:45AM Medulloblastomas | Kazuaki Shimoji

9:00AM Ependymomas | Nelci Zanon

9:15AM How I do posterior fossa tumours Prof Rajsekhar from Vellore

9:30AM Case based discussion by local faculty

10:00AM Approach to brain stem tumours | Sandip Chatterjee

10:15AM Nontumor space occupying lesions in posterior fossa | Sandip Chatterjee

10:30AM Discussion

10:45AM Tea break

COMPLICATIONS

Moderators: Azmi Alias & local faculty

11:15AM Tethered cord surgery | Nelci Zanon

11:35AM Temporal lobectomy | Suchanda Bhattacharjee

11:55AM Surgery of pineal region tumours | Brandon Rocque

12:15PM ETV

12:35PM Complications | Local faculty

1:00PM Lunch

CRANIOVERTEBRAL JUNCTION

Moderators: TBD & local faculty

1:45PM Applied anatomy of this region | Sandip Chatterjee

2:05PM Types of craniovertebral anomalies | Teddy Totimeh

2:25PM Techniques of fixation | Brandon Rocque

2:40PM Tumours of the craniovertebral region | Sandip Chatterjee

2:55PM Case based discussion by local faculty

3:20PM Discussion

3:30PM Tea break

3:30PM MCQ

Video session: Temporal lobectomy - Lipoma - Hemangioblastoma - Trans nasal surgery for sellar mass - Cervical intramedullary tumour - Role of ultrasound in supratentorial tumour | Suchanda Bhattacharjee

5:00PM MCQs & Valedictory and close





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**CHENNAI, INDIA
21-23 SEPTEMBER
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Christian Medical
College (CMC),
Vellore, Tamil Nadu,
India

INTERNATIONAL - ISPN FACULTY

Nelci Zanon (Brazil)
Sandip Chatterjee (India)
Suchanda Bhattacharjee (India)
Teddy Totimeh (Ghana)
Azmi Alias (Malaysia)
Kazuaki Shimoji (Japan)
Kenichi Nishiyama (Japan)
Brandon Rocque (United States)

LOCAL FACULTY

Ranjith Moorthy
Suhas Udayakumaran
Prof Rajsekhar (Vellore)

TOPICS

HEAD & SPINE
INJURY
HYDROCEPHALUS
DYSRAPHISM
EPILEPSY
SUPRATENTORIAL
TUMOURS
INFRATENTORIAL
TUMOURS
COMPLICATIONS
CRANIOVERTEBRAL
JUNCTION