



ISPN

INTERNATIONAL SOCIETY FOR
PEDIATRIC NEUROSURGERY



ISPN EDUCATION COURSE



**GOIANIA, BRAZIL
2-3 AUGUST 2023**



ISPN

INTERNATIONAL SOCIETY FOR
PEDIATRIC NEUROSURGERY



**Pediatric
Neurosurgery
Committee**



WEDNESDAY 2 AUGUST

4 hours Endoscopy lectures – and half day practical Course

SESSION ONE - ENDOSCOPY

Moderators: Nelci Zanon & Ricardo Gepp

07:30 Registration

08:00 Introduction ISPN Course and Local facilities | Nelci Zanon, Paulo Ronaldo Jube Ribeiro

08:15 Professors affiliations hands-on | Nelci Zanon

08:30 Principles of neuroendoscopy | Leopoldo Mandic

08:45 Endoscopic neuroanatomy / Third ventricle | Roberto Dezena

09:00 Indications and outcome of ETV | Artur da Cunha

09:15 ETV - How I do it: Prevention of complications | Ramiro del Rio

09:30 Endoscopy with guidance, advantages, and disadvantages | Cristian Diniz

09:45 Discussion Q&A

10:00 Coffee break

Moderators: Tiago Cavalcante & Suzana Serra

10:15 Endoscopy and pediatric brain tumors | Sergio Valenzuela

10:30 Pineal tumor biopsy – When and why? Guirish Solanki

10:45 Simulation in pediatric neurosurgery | Giselle Coelho

11:00 Discussion Q&A

11:15 Ventricular lavage indications and outcome | Patricia Dastoli

11:30 How I do it: ETV & CPC | Giselle Coelho

11:45 Case presentation: failure / complications endoscopic procedures | Cristian Diniz

12:00-13:00 Lunch break

13:00-17:00

GROUP A - Hands-on

4 stations, 2 faculty each station - 5 trainees each station – rotation

GROUP B - lectures (simultaneously with hands-on)

SESSION TWO - HYDROCEPHALUS

Moderators: Benicio Oton de Lima & Aieska Kellen Dantas dos Santos

13:00 Classifying hydrocephalus - is it worthwhile? Guirish Solanki

13:15 Perinatal hydrocephalus | Sergio Cavalheiro

13:30 How the shunts work? Ricardo Gepp

13:45 Which shunt when and when ETV at young age? Simone Rogerio

14:00 Q&A

14:15 Ventricular Gllabellar shunt, when and why? Andrea Silva de Pinho

14:30 How to manage shunt over drainage | Sergio Valenzuela

14:45 There is indication for programable valve? Age-related pressure? Suzana Serra

15:00 Case presentation: ETV | Iracema Estevão

15:15 Case presentation: VP Shunt | Simone Rogerio

15.30 Coffee break





SESSION THREE - ARACHNOID CYST

Moderators: Ricardo Gepp & Patricia Quiroga Angulo

- 15:45 Supra tentorial arachnoid cyst – when to operate, how and why? Leopoldo Mandic
- 16:00 Infra tentorial arachnoid cyst – when to operate, how and why? Guirish Solanki
- 16:15 Intracranial pressure and neurocognitive aspects on arachnoid cysts | Amanda Oliveira Lopez
- 16:30 Subdural collection and arachnoid cyst – management update | Artur da Cunha
- 16:45 Q&A
- 17:00 Case presentation: Supra tentorial arachnoid cyst | Sergio Valenzuela
- 17:15 Case presentation: Infra tentorial arachnoid cyst | Patricia Dastoli



SESSION FOUR - HOW I DO IT

- 17:30 How I do it: VP shunt | Nelci Zanon
- 17:45 How I do it: EVD | Ricardo de Oliveira

THURSDAY 3 AUGUST

- Group B – Hands-on
- Group A – Lectures

SESSION FIVE - ICP, CRANIOCERVICAL JUNCTION & MORE

Moderators: Sergio Valenzuela & Ana Maria Moura

- 08:15 Update of ICP monitoring invasive and non-invasive | Nelci Zanon
- 08:30 Decompressive craniectomy in children, when and how? Ramiro del Rio
- 08:45 Cranioplasty in children, split bone at an early age | Matheus Ballestero
- 09:00 What is the best surgical option for Benign intracranial hypertension? Guirish Solanki
- 09:15 Chiari I and syringomyelia, how to manage | Alexandre Canheu
- 09:30 Q&A
- 09:45 Case presentation: Cranioplasty | Adria Maria Simões Silva de Mendonça
- 10:00 Case presentation | Enrico Ghizoni
- 10:15 Coffee break



SESSION SIX - CRANIOSYNOSTOSIS

Moderators: Ricardo de Oliveira & Leyzeane Marques do Nascimento

- 10:30 Overview of non syndromic craniosynostosis | Leopoldo Mandic
- 10:45 Genetic role on craniosynostosis – when investigate? Tatiana Protzenko
- 11:00 Update on intracranial hypertension in craniosynostosis | Sergio Valenzuela
- 11:15 How I do it: Trigonocephaly | Jorge Bizzi
- 11:30 How I do it: Plagiocephaly | Patricia Quiroga Angulo
- 11:45 How I do it: Braquicephaly | Ricardo de Oliveira
- 12:00 How I do it: Distraction Technique | Guirish Solanki
- 12:15 Discussion
- 12:30 Course evaluation; MCQs and closing remarks



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**GOIANIA, BRAZIL
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**ORION HOTEL,
Goiania - Goiás, Brazil**

INTERNATIONAL - ISPN FACULTY

Nelci Zanon (Brazil)
Guirish Solanki (UK)
Sergio Valenzuela (Chile)
Ramiro del Rio (Argentina)
Patricia Quiroga Angulo (Colombia)

LOCAL FACULTY

Adria Maria Simões Silva de Mendonça - Aieska Kellen Dantas dos Santos - Alexandre Canheu - Amanda Oliveira Lopez - Ana Maria Moura - Andrea Silva de Pinho - Artur da Cunha - Benicio Oton de Lima - Cristian Diniz - Enrico Ghizoni - Giselle Coelho - Iracema Estevão - Jorge Bizzi - Leopoldo Mandic - Leyzeane Marques do Nascimento - Matheus Ballestero - Paulo Ronaldo Jube Ribeiro - Patricia Dastoli - Ricardo de Oliveira - Ricardo Gepp - Roberto Dezena - Sergio Cavalheiro - Simone Rogerio - Suzana Serra - Tatiana Protzenko - Tiago Cavalcante

TOPICS

**HANDS-ON
NEUROENDOSCOPY
HYDROCEPHALUS
CRANIOSYNOSTOSIS**

REGISTER HERE:

<https://cbnped.com.br/ispn/>

