



Society of Pediatric Neuroimaging

Part 2: Levelling Up

Scientific Program
2023-2024 Cycle

SPIN Fellowship

Fellowship of the Society of Pediatric Neuroimaging is awarded upon completion of a structured course run in three parts. The first two parts are comprehensive annual virtual courses: "Foundations" and "Levelling up", didactically covering all aspects of pediatric neuroimaging. The third part is a biannual 3-day in-person celebration of pediatric neuroradiology, taught via workshops, and concluding with an OSCE-style assessment leading to certification.

Candidates may attend the in-person program either in the Far East, India, Middle East, Europe, or the Americas. The virtual and in-person courses can be attended independently but both components must be completed for consideration of the Fellowship award.

Learning Objectives

1. To develop a strong foundational training in all aspects of pediatric neuroradiology as relevant to clinical practice.
2. To understand common adult pathologies and how they may help to better understand pediatric pathologies.
3. To provide standardized and accurate diagnostic reports.
4. To understand the role of research and uncertainty in pediatric neuroradiology.

Feedback for SPIN

"SPIN delivers the best in pediatric neuroimaging. A world-class faculty, exquisite content, comprehensive coverage of all topics, and a very high level of education."

'The best pediatric radiology teaching around! SPIN offers something for all - registrar or seasoned attending.'

'An incredibly informative course which will make a real world impact to the lives of children across the world! Congratulations to the team!!'

'A fantastic, well-structured course. I have certainly gained lots of knowledge from it that I will take with me into my daily practice!'

Top Reasons to Sponsor SPIN

- Associate with the only truly international Pediatric Neuroradiology Society with a world-class reputation and over 200 members.
- Excellent attendance across virtual and in-person components (500 expected attendees).
- Engage with hundreds of expert neuroradiologists, radiologists, neurologists, pediatricians, neurosurgeons, research scientists, and radiographers from across the world.
- Connect with influential departmental and societal decision-makers.
- Abundant opportunities for one-on-one interaction with attendees.
- Market your product and grow your company's visibility in a competitive market.
- Facilitate research in Pediatric Neuroradiology.
- Leverage SPIN's wide-reaching following. The SPIN website registers ~44,000 visits per year from ~80 countries and SPIN has over 5,000 unique followers across its social media handles (Twitter / Instagram).
- Meet old friends and make new ones.

2023-2024 Fellowship Cycle

- Part 1 Foundations: September 15-16 2023, virtual
- Part 2 Levelling up: November 17-18 2023, virtual
- Part 3 The Finale: October 2024, India (Date to be decided)
- 500 expected attendees
- 16 CME points per component (48 total)
- Full program overleaf



Fetal

08:00-09:40

Ganglionic eminences
Axonal path finding disorders
Antenatal detection of head & neck pathologies
Fetal MRI for intrauterine myelomeningocele
Post mortem neuroimaging

Liat Bensira
Fillipo Arrigoni
Ozgun Oztekin
Kelly Baruteau
Ivana Pogledic

Tel Aviv University, Israel
IRCCS E. Medea, Italy
Bakircay University, Turkey
University College London Hospital, UK
University of Vienna, Austria

Trauma

10:00-11:20

Accidental head trauma
Abusive head trauma
Mimics of abusive head trauma
The unanswerd questions

Kiran Hilal
Rick van Rijn
Sahil Chhabda
Kish Mankad

Aga Khan University, Pakistan
Emma Children's Hospital, Netherlands
St. George's Healthcare, UK
Great Ormond Street Hospital, UK

Malformations & Neurodegenerative Disorders

11:40-13:00

Normal human cerebellar development
Hindbrain malformations
Cerebellar atrophy
Pontocerebellar hypoplasia

Parthiv Haldipur
Matthew Barkovich
Robert Goetti
Eugen Boltshauser

Seattle Children's Hospital, USA
University of California San Francisco, USA
Westmead Children's Hospital, Australia
Zurich University, Switzerland

Metabolic

13:20-15:00

MR spectroscopy
Aminoacidurias and acidemias
Mitochondrial disorders
Lysosomal disorders
Treatable metabolic disorders

Bejoy Thomas
Amna Kashgari
Cesar Alves
Prasad Hanagandi
Nihaal Reddy

Sree Chitra University, India
KASCH, National Guard Health Affairs, Riyadh
Children's Hospital of Philadelphia, USA
King Abdulaziz Medical City, Saudi Arabia
Rainbow Children's Hospital, India

Head & neck

15:20-16:40

Conductive hearing loss
Sensorineural hearing loss
Orbital pathologies
Head & neck malignancies

Felice D'Arco
Kristina Prelog
Burce Ozgen
Jordi Lopez

Great Ormond Street Hospital, London
Westmead Children's Hospital, Australia
University of Illinois, USA
University of Barcelona, Spain

Signing off

17:00-17:30

Consolidating cases - Southern Hemisphere

Suely Fazio Ferracioli

University of Sao Paulo, Brazil



Vascular

08:00-09:40

Genetic causes of stroke
Perfusion imaging
Venous abnormalities
Vein of Galen malformations

Jordi Roldan
Robert Goetti
Ana Filipa Geraldo
Prakash Muthusami

Balearic Islands University, Spain
Westmead Children's Hospital, Australia
University of Lisbon, Portugal
The Hospital for Sick Children, Toronto

Neuroinflammation & Neurocutaneous Disorders

10:00-11:20

Autoimmune encephalitis
Hemophagocytic lymphohistiocytosis
Relapsing demyelinating syndromes
Neurocutaneous Syndromes

Yael Hacoen
Prateek Malik
Li-tal Pratt
Ata Siddiqui

Great Ormond Street Hospital, UK
St Michael Hospital, Toronto
Tel Aviv Sourasky Medical Center, Israel
King's College Hospital, UK

Neuro-oncology

11:40-13:20

Response assessment
Hematogenous malignancies
Spinal tumors
Radiomics & volumetrics
Brain tumor networks

Pradeep Krishnan
Ah-Young Jung
Adam Goldman-Yassen
Marcel Wartjes
John Suckling

The Hospital for Sick Children, Toronto
Asan Medical Center, Korea
Emory Children's Hospital, USA
SyntheticMR, Sweden
University of Cambridge, UK

Epilepsy

13:40-15:00

ILAE classification
Focal cortical dysplasia: automated detection
Medical approaches to intractable epilepsy
Surgical approaches for intractable epilepsy

Amy McTague
Konrad Wagstyl
Suvasini Sharma
Aswin Chari

University College London, UK
University College London, UK
Lady Hardinge Medical College, India
Great Ormond Street Hospital, UK

Spine

15:20-16:40

Craniocervical Junction
Cerebellar tonsillar ectopia
Neuromuscular pathologies

Tejas Kapadia
Zubair Tahir
Sniya Sudhakar

Manchester Children's Hospital, Manchester
Great Ormond Street Hospital, London
Great Ormond Street Hospital, London

Signing off

17:00-17:30

Consolidating cases - Far East

Elaine Kan

Hong Kong Children's Hospital





SPIN

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