

SASPI

NEWSLETTER

SPRING 2018



SASPI EXECUTIVE

u n v e i l e d

PROF NASREEN MAHOMED



Associate Professor, University of Witwatersrand. Head of Department of Radiology, Rahima Moosa Mother and Child Hospital, Johannesburg. Prof N Mahomed holds a PhD in paediatric radiology from the University of the Witwatersrand. She completed a paediatric radiology fellowship at Boston Children's Hospital. She is Director of Research in Radiology at the University of Witwatersrand, an MMed supervisor and a College of Radiology examiner. She is a prolific researcher and a widely published first and co-author of original research across the spectrum of paediatric radiology. She has multiple awards for research excellence and service delivery in paediatric radiology. She is actively involved with international collaborative projects under the auspices of the WHO, WFPI and BRICS.



DR EBRAHIM BANDERKER

Senior Paediatric Consultant Radiologist at Red Cross War Memorial Children's Hospital, Cape Town, with a special interest in paediatric cardiothoracic and musculoskeletal imaging. Actively involved in undergraduate and postgraduate teaching, including MMed supervision and College of Radiology examinations. Multiple first author publications and several co-authored publications together with the broader paediatric community.



DR ASHMITHA RAJKUMAR

Consultant Paediatric Radiologist at Red Cross War Memorial Children's Hospital, Cape Town, with broad paediatric radiology interests.

Active involvement in undergraduate teaching as well as College of Radiology Part 1 examination co-convenor. Extensive background in strategic provincial radiology planning, management and service delivery via the Western Cape Radiology Services Focus Group.

MESSAGE FROM the saspi chairperson

PROFESSOR NASREEN MAHOMED

The current newsletter serves to introduce the newly elected SASPI executive chaired by myself, Professor Nasreen Mahomed, assisted by the Vice-Chair, Dr Ebrahim Banderker and Secretary, Dr Ashmitha Rajkumar.

We are officially affiliated with the World Federation of Paediatric Imaging (WFPI), an important partner in outreach, tele-radiology, teaching and training and the advancement of WHO initiatives.

Our guiding principles are in line with our international partners and include:

- The promotion of optimal standards in paediatric imaging and paediatric image-guided intervention for the benefit of child health
- Advancement of internationally driven education and research in paediatric imaging.
- The encouragement of global child imaging safety and radiation protection practices.
- The utilisation of transnational resource allocation for pediatric imaging and pediatric image-guided intervention servicing areas of need.

SASPI AGENDA

for the current term of office

The agenda of the current SASPI executive is to complete the following objectives during our term of office that will terminate at the end of February 2020:

1. Updated paediatric imaging protocols and guidelines for paediatric intervention best practices
2. The countrywide promotion and dissemination of the above that includes the formation of a network of national private practice representatives within SASPI
3. Planned 3rd RSSA SASPI congress for February 2020.
4. A dedicated SAJR Paediatric Radiology issue to be published in conjunction with the congress
5. Paediatric Radiology webinars by renowned international and national paediatric radiologists to be scheduled under the auspices of SASPI and the RSSA

privatepractice NETWORK

SASPI members from private practices have been co-opted to establish a working relationship with private radiology practices around the country which would encourage the use of standardized imaging protocols, institute the use of best practice techniques and help to disseminate agreed upon protocols and guidelines to private radiology practices, as well as clinicians and emergency units in private hospitals, thereby improving the quality and consistency of Paediatric radiology services while mitigating risks. This relationship would also provide a means for communication between clinicians and radiologists in private that will allow issues to be received and escalated for further comment, and foster a greater degree of involvement of private radiologists in SASPI.



Private Practice Co-opted Members: *Western Cape and Northern Cape - Dr Jose Alves*
Eastern Cape and Free State - Dr Aadil Ahmed
KZN and Mpumalanga - Dr Shailendra Misser
Gauteng - Dr Tracy Westgarth-Taylor and Dr Johnny Hack
Limpopo and North West Province- Dr Tracy Westgarth-Taylor

CONTACT DETAILS AVAILABLE AT THE END OF THIS NEWSLETTER

3RD SASPICONGRESS

february 2020

Congress Steering Committee

Prof Nasreen Mahomed

Dr Ebrahim Banderker

Prof Tracy Kilborn

Prof Leon van Rensburg

Dr Ashmitha Rajkumar

- Provisionally planned for 06 - 09 February 2020, in Gauteng.
- Scientific committee comprised of local and international paediatric radiologists, with poster presentation and prizes.
- High profile congress faculty, with a focus on neuroradiology and musculoskeletal (MSK) imaging in paediatric radiology (including oncology, non-accidental imaging and technological innovation).

Confirmed International Speakers

Prof James Barkovich

Prof Diego Jaramillo

Prof Tal Laor

Prof Susan Palasi

Prof Zoltan Patay

Prof Sanjay Prabhu

Prof Andrea Rossi

Prof Pia Sundgren

NEURORADIOLOGY faculty

Prof James Barkovich

Professor Barkovich is Chief of Paediatric Neuroradiology at the University of California, San Francisco. He specialises in the diagnoses of neurological disorders in infants and children, with a research interest in neonatal brain injury, and the use of MRI to understand both normal and abnormal brain development. He has published 385 articles, has authored and co-authored 9 textbooks and 41 book chapters and has contributed to a collective of more than 400 research documents.

Prof Susan Palasis

Dr Susan Palasis is a radiologist in Atlanta, Georgia and is affiliated with Children's Healthcare of Atlanta. She received her medical degree from Aristotle University of Thessaloniki School of Medicine and has been in practice for more than 20 years. She holds fellowships in both neuroradiology and paediatric radiology. She has a special interest in advanced paediatric neuroimaging studies with particular reference to seizure localization techniques, perfusion MR imaging and MR spectroscopy. Dr Palasis is academically active with numerous publications in peer reviewed scientific journals and has awards from major scientific radiology meetings. She currently sits on scientific committees of the American Society of Neuroradiology and the Society for Paediatric Radiology.

Prof Zoltan Patay

Professor Patay is Chief of Neuroimaging and Professor of Radiology, St. Jude Children's Research Hospital, University of Tennessee Health Science Center, Memphis, USA. He is a board certified neurologist and radiologist with subspecialty qualification in neuroradiology and special expertise in paediatric neuroradiology. His main areas of interest have been MRI-based evaluation of cerebrovascular diseases, inborn errors of metabolism and multimodality imaging in neuro-oncology. His research focuses on diaschisis in the central nervous system, MR-based analysis of diffuse intrinsic pontine gliomas and imaging genomics in paediatric central nervous system tumors. He has given more than 170 invited lectures at international symposia or courses. He has authored, or co-authored, 18 book chapters in addition to multiple peer reviewed publications.

NEURORADIOLOGY

faculty

Prof Sanjay Prabhu

Sanjay P. Prabhu is a Staff Paediatric Neuroradiologist at Boston Children's Hospital and Assistant Professor of Radiology at the Harvard Medical School in Boston. He has published over 100 papers in peer-reviewed journals and 18 chapters in leading paediatric and radiology textbooks. He serves as a reviewer for leading journals including the AJNR, NEJM, Pediatric Radiology, BJR, EJR and Radiographics. His current research interests include high resolution imaging in paediatric patients with epilepsy, brain imaging following sudden death in childhood, 3D printing in surgical simulation and developing clinical decision support tools using machine learning.

Prof Andrea Rossi

Professor Rossi is a full professor in Radiology and Neuroradiology, Contract Professor of Neuroradiology at the University of Genoa, Secretary General of the European Society of Neuroradiology (ESNR), and co-leader of Neuro-Mig Network Work Group 2. His scientific activity is focused on Paediatric neuroradiology and is composed of original papers (337 publications), invited reviews, and books, including "Paediatric Neuroradiology" which he co-edited. He is section editor of Paediatric Neuroradiology for the journal Neuroradiology, and sits on the editorial board of Paediatric Radiology.

Prof Pia M Sundgren

Professor Pia Maly Sundgren is the Head of the Department of Radiology, Clinical Sciences, Lund University in Sweden. She is an internationally recognised leader of research in advanced MR imaging including monitoring treatment response in brain tumors and in autoimmune diseases and pain conditions. She holds multiple leadership positions in various international radiology fraternities, including that of upcoming president for ISMRM, member of the ESR scientific committee , member of the ESR research committee and ExCom of ESNR, chair of the subcommittee paediatric neuroradiology, and upcoming general secretary and scientific secretary of the Swedish Society of Radiology. Professor Maly Sundgren has published over 145 papers and reviews, over 210 scientific abstracts, three books and several book chapters and has completed over 300 international invited lectures and workshops.

MUSKULOSKELETAL faculty

Prof Diego Jaramillo

Paediatric radiologist within the Department of Radiology at Nicklaus Children's Hospital, and an Adjunct Professor of Radiology at Stanford University. His greatest expertise and scientific contributions are in the areas of imaging of musculoskeletal disorders of childhood and paediatric MRI. Dr. Jaramillo is double-board certified in diagnostic radiology and paediatric radiology. He has lectured extensively both nationally and internationally, as well as participated on numerous local and global academic committees and is the author of more than 200 publications.

Prof Tal Laor

Professor Tal Laor MD, is a diagnostic radiology specialist in Boston, MA and has been practicing for 25 years. She graduated from Harvard Medical School in 1986. Her residency was at Massachusetts General Hospital and her radiology fellowship at Cincinnati Children's Hospital, Boston, MA, where she was Chief of Musculoskeletal Imaging. Aside from being a popular invited speaker, she has authored numerous medical publications, attained full professorship from the UC Department of Radiology, and was awarded the SPR Presidential Recognition Award.

NEWS

CONGRATULATIONS!!!

The following RSSA member recently successfully completed the European Diploma in Paediatric Neuroradiology (EDiPNR):

Dr Aadil Ahmed
Dr Kesanderan Pillay

Dr Dipesh Jogi
Dr Ashesh Ishwarlal Ranchod
Dr Clive Wyndham Sperry

Paediatric Fellow currently training at Red Cross War Memorial Children's Hospital with sponsorship from the Nelson Mandela Children's Hospital

Dr Isak Vorster

THE PATRIQUIN FELLOWSHIP

The Patriquin Fellowship is a \$3,000 travel award for one non-North American Paediatric Radiologist to attend the SPR Annual Meeting each year. The Fellowship awardee will be chosen by the Board of the R&E Foundation at their regular meeting held at the RSNA meeting each year. Priority is given to eligible applicants who have never attended an SPR meeting.

On-line Application: Available on The Patriquin Award page and at: <https://radsociety.wufoo.com/forms/x16o66fd1aw735k>

BRICS & AFRICAN DEVELOPMENT CONGRESS

23-24 AUGUST 2018, NELSON MANDELA UNIVERSITY



Professor N. Mahomed, Chair of SASPI, and Professor L J Van Rensburg, RSSA Director of BRICS Alliance in Radiology (BAR), was in attendance at this landmark event to celebrate South Africa's 2018 Presidency of BRICS in the year of President Mandela's Centenary

This congress highlighted pertinent issues with respect to developing economic and health partnerships within BRICS for broader development in Africa.

Prof N Mahomed was invited as a speaker at this conference and delivered the lecture on BRICS partnerships for telemedicine options and the Role of Artificial Intelligence in Radiology in Africa.

An important outcome of the BRICS & African Development Congress was the proposed development of a Health Forum for BRICS countries given the shared disease profiles and health challenges.

OUTREACH

Three excellent South African paediatric radiologists spoke at the **Tanzanian Radiology Congress, Kilimanjaro, 9-12 May 2018**

SASPI members actively involved in **Teleradiology Reporting** for sites around the world under the auspices of WFPI:

- ◆ In 2017 Zithulele Hospital in Cofu Bay (Transkei) was added. This is being covered by a group of South African paediatric radiologists giving valuable opinions and providing much needed service to this rural area of South Africa
- ◆ March 2017- combined outreach with the BSPR Hands on ultrasound and X-ray workshop at Dora Ngizwa hospital Port Elizabeth by Dr Aadil Ahmed (SASPI chair 2017) and Professor Savvas Andronikou

SPEAKERS CORNER

SASPI invitee to RSNA 2017

Paediatric Case Based Session

Dr Jaishree Naidoo

SASPI invited speakers at the Tanzanian Radiology Congress in Kilimanjaro, 9-12 May 2018:

Evaluation of ICU Chest Xray, Lines, Tubes and Complications.

Dr Aadil Ahmed

Imaging Evaluation of Paediatric Chest Trauma, and
The Role of CTA in Tetralogy of Fallot

Dr Ebrahim Banderker

Thoracic Imaging – Infection, What We Need To Know

Dr Jaishree Naidoo

SASPI invited speakers at the Africa Health Congress in Johannesburg, 29-31 May 2018

A review of Immune Reconstitution Inflammatory Disease (IRIS) in HIV infected children

Prof Nasreen Mahomed

Imaging of HIV and TB co- infection in Children

Dr Jaishree Naidoo

ESPR (European Society for Paediatric Radiology) - 40th meeting of the ESPR 18-22 June 2018, Berlin, with invited SASPI member

Paediatric Spinal Infection

Prof Tracy Kilborn

**ESNR (European Society of Neuroradiology) - 41st meeting 16 – 23
September 2018, Rotterdam, The Netherlands with invited SASPI
member**

Paediatric Radiology cased based session
Prof Tracy Kilborn

Panelist and Speaker AOSPR Congress India – September 2018

Chest Imaging and Fellowships
Dr Jaishree Naidoo

UPCOMING EVENTS

**The American Society of Paediatric Neuroradiology 1st Annual
Meeting**

January 18-20, 2019, New Orleans, USA

Paediatric CNS HIV Manifestations
Prof Tracy Kilborn

**The next RSSA SASPI Council Election will take place at the 3rd
RSSA SASPI congress in February 2020.**

CONTACT DETAILS

Become a SASPI member today at rssa_saspi@yahoo.co.za

SASPI EXECUTIVE COMMITTEE

Nasreen Mahomed (Chair):

Email: nasreen.mahomed@wits.ac.za

Ebrahim Banderker (Vice-chair)

Email: ebanderker@iafrica.com

Ash Rajkumar (Secretary)

Personal email: Ashmitha.Rajkumar@westerncape.gov.za

SASPI email: rssa_saspi@yahoo.co.za

CO-OPTED PRIVATE PRACTICE REPRESENTATIVES AS FOLLOWS

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Dr J Hack

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