



British Society of
Interventional
Radiology



Paediatric IR Special Interest Group Winter Newsletter 2019

Welcome to the first of our quarterly newsletters, aiming to keep you updated on the activities and achievements of our special interest group (SIG) and to highlight various events coming up. This has been an outstanding year for paediatric IR in the UK; we should be proud of how we are putting PIR on the agenda both nationally and internationally. There is an unprecedented groundswell of interest in growing this subspecialty, from the RCR through to industry, and we are very grateful for your support and involvement.

Please forward this to any colleagues who may be interested in the world of paediatric IR and encourage them to join the SIG. Any feedback or comments on this newsletter and/or the work of the SIG are always gratefully received, and if you have anything you'd like to contribute to future newsletters, or questions about PIR, please let us know.

Membership update

This year's re-branding of the SIG has grown our numbers significantly. The group now has 145 members, with a truly multidisciplinary background. This includes 100 consultants, including specialised paediatric interventional radiologists, adult interventional radiologists that treat children, paediatric radiologists that perform intervention and interventional neuroradiologists. In addition, there are 31 radiology trainees & medical students plus 14 nurses & radiographers.

The new SIG committee is made up as follows:

Co-Chairs: *Simon McGuirk (Birmingham Children's) & Alex Barnacle (Great Ormond Street)*

Past Chair: *Sam Stuart (Great Ormond Street)*

Secretary: *Nasim Tahir (Leed's Children's)*

Education & Training: *Sam Chippington (Great Ormond Street)*

Standards: *Prem Patel (Great Ormond Street)*

Research & Registries: *Simon McGuirk (Birmingham Children's)*

Paeds IR UK subcommittee: *Alex Barnacle, Premal Patel, Nasim Tahir, Sam Byott*

Adult IR liaison: *Ian Renfrew (Royal London Hospital)*

Paediatric diagnostic radiology liaison: *Susie Goodwin (Glasgow Children's)*

Paeds IR UK 2019

This year's meeting was another resounding success, with IRs from both paed and adult backgrounds, diagnostic radiologists, radiographers and nurses gathering to hear about paed IR and share their experiences. Yet again, we had over 70 delegates from around the UK. Topics included hepatic vascular intervention (Jai Patel, Leeds Teaching Hospitals), IR's role in the management of button battery ingestion injury (Emma Rose, radiographer, Great Ormond Street Hospital), a trainee's perspective on PIR (John Adu, King's College Hospital), anaesthesia, consent and how to work with the anxious child.



Paediatric IR at BSPR November 2019

The British Society of Paediatric Radiologists (BSPR) annual meeting was held in Leeds this year and in keeping with the recent progress in promoting our subspecialty a whole half day session was allocated for paediatric IR. The morning started off with a series of three presentations. Imran Kasli (Leeds Children's Hospital) presented a comprehensive talk on

gastrojejunal tubes and what we as paediatric IRs need to be aware of. This was followed by an excellent talk from Samantha Chippington (Great Ormond Street Hospital) on paediatric biopsies with some good case examples. The final talk was delivered by Prem Patel (Great Ormond Street Hospital) in which he shared with us his extensive knowledge and experience in the imaging and radiological management of renal artery stenosis.

In the second half of the morning there was a hands-on session consisting of three stations. One of the stations was on ultrasound guided IV access using state of the art 3D printed models filled with agar gel. Another station showed ultrasound guided biopsies using chicken breasts stuffed with olives. This station also discussed the various types of needles available. The third station looked at the different sorts of gastrojejunal tubes and how they are exchanged using low-tech mannequins made from hospital equipment!

The sessions were well attended by trainees, consultants and radiographers. Our presence at BSPR builds on the good work already done in establishing paediatric IR as an up-and-coming subspecialty. Thanks to the BSPR organisers and presenters for making this a success.

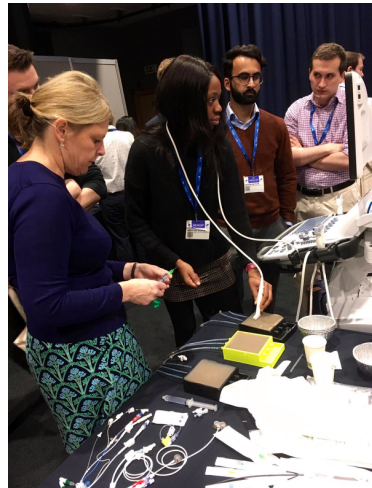


Paediatric IR at BSIR November 2019

The week after BSPR, the British Society of Interventional Radiology Annual Scientific Meeting (BSIR 2019) was held in Manchester. There was a very strong paediatric IR presence throughout the meeting, with the most paediatric IR on the programme to date, the 1st paediatric IR hands-on session (with 3D printed small vessel ultrasound guided access phantoms), a talk in the trainee program and the highest number of paediatric IRs on faculty, with representation from across the UK. Alex Barnacle entertained a packed room in the 'Fundamentals of Paediatric IR' session with a well-received video entitled "Central venous access in small children – its child's play." It was also the first time at BSIR (and possibly at any 'adult' IR conference) that there were two paediatric IR talks happening at the same time, and it happened on two consecutive days! On day two of the meeting, Alex Barnacle was talking about paediatric PCNL in one scientific session while Prem Patel (Great Ormond Street Hospital) talked about CO2 angiography in children in another scientific session. On day three of the meeting, Naz Tahir (Leeds Children's Hospital) presented a PCNL case as part of an M&M forum while the paediatric IR plenary session took place. The plenary session was well

attended, despite having the graveyard slot. It was chaired by the incorrigible Sam Stuart (Great Ormond Street Hospital) with talks on angiography in children (Prem Patel, Great Ormond Street Hospital), trauma intervention (Sam Byott, Manchester Children's Hospital), vascular access (Andy Healey, Alder Hey Hospital) and urological interventions (Sam Chippington, Great Ormond Street Hospital). Simon McGuirk (Birmingham Children's Hospital) gave a sobering update on recent work mapping PIR service provision in the UK. There were also multiple PIR scientific presentations and posters throughout the meeting and Jestine Ang (Foundation Year 1 doctor) won one of the trainee essay prizes for her paediatric IR-themed essay "Radiologically-Guided Percutaneous Cryoablation in Vascular Malformations". The PIR stand in the Active Learning Zone was busy throughout the meeting, with lots of trainees keen to know much more about what we do.

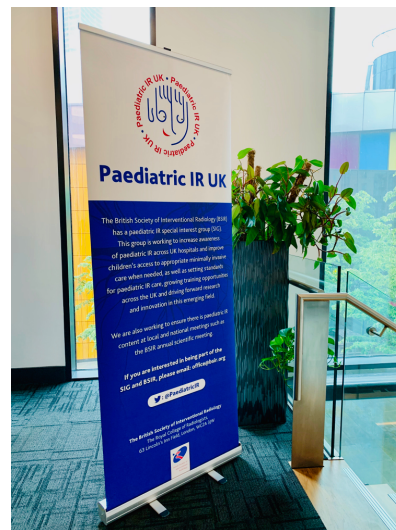
Huge thanks to Tze Wah, Lakshmi Ratnam and the BSIR for their strong support for PIR in this year's ASM. And, of course, such a successful conference season with so many people involved would not have been possible without the help of those who stayed behind to man the forts.





Save the Date!

We are putting the finishing touches to the program for Paeds IR UK 2020, which will be in Manchester again, on 22 June. This is a great forum, aimed at bringing together those who are practising PIR or wanting to start. Through meetings like this, we can forge supportive relationships for those working in this challenging and sometimes isolated field and inspire the next generation. Please encourage your teams and trainees to attend.



In the spring newsletter.....

How CIRSE is finally embracing paediatric IR, the challenges of delivering paed IR training and the launch of the first PIR registry.

In the meantime, we hope you all have some well-deserved time off during the Christmas season and look forward to seeing you all in 2020.