



The Royal College of Radiologists

### Travelling Professor

<b>Tenure dates (from – to):</b>	January 2024 – December 2024
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<b>Job title:</b>	Consultant Diagnostic and Interventional Paediatric Radiologist
<b>Organisation/Trust:</b>	St George's University Hospital

<b>Session titles and learning objectives:</b>	
<b>TITLE</b>	<b>OBJECTIVES</b>
<b>High yield fracture pick-up</b>	Paediatric ED plain film reporting can potentially be intimidating for those who aren't used to reporting them regularly. This 'quick fire' style session will have lots and lots of examples of common fracture patterns, head to toe. The goal is to maximise trainees' exposure to common fractures. A fun, interactive quiz at the end of the session will help to consolidate their learning.
<b><del>"There is a longitudinal fracture of the base of the 5<sup>th</sup> metatarsal".</del> No acute bony injury.</b>	This talk will explore the range of normal appearances, at different stages of skeletal maturity, that can be potential pitfalls in plain film reporting, and give tips and tricks to increase confidence in when to really call a fracture. This session will be particularly useful for junior radiologists, who are still 'getting their eye in'.
<b>Paediatric bony lesions</b>	There is a lot of overlap in the appearances of bony lesions in the immature skeleton, which can sometimes cause confusion. An understanding of common lesions and their respective typical locations is crucial. This interactive session will cover the imaging appearances of common paediatric aggressive and non-aggressive bone lesions, and equip the learner with a useful framework to help narrow the differential diagnosis.
<b>Imaging gently in paediatric major trauma</b>	The second edition RCR paediatric major trauma imaging guidelines is due to be published in early 2024. This talk will highlight the key messages from the revised guidelines, and hopefully increase junior radiologists' knowledge and confidence when it comes to protocolling paediatric major trauma imaging.
<b>Paediatric abdominal major trauma</b>	Trainees are often called upon to provide the primary survey for the Trauma team, and issue provisional reports to guide the immediate management. Given that many trainees may not regularly review paediatric cross-sectional imaging as part of the daily work flow, the combination of lack of familiarity, the immediacy of a trauma situation, and



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	<p>the emotional overlay that can come with dealing paediatric patients, makes these scenarios particularly challenging.</p> <p>This session will review the imaging manifestations of solid and hollow organ trauma abdominal trauma, as the sequelae of common blunt traumatic injuries.</p>
<b>Helping the tiny humans – an introduction to paediatric interventional radiology</b>	<p>Paediatric interventional radiology (PIR) is an exciting and rapidly evolving subspecialty. In this fun and interactive session, we'll explore the potential vascular and non-vascular applications of PIR in the emergency and elective setting, and also my experience of developing a career in PIR.</p>
<b>Suspected physical abuse (aka NAI)</b>	<p>Suspected physical abuse (SPA) is a very important topic in the sphere of paediatric radiology. This talk will discuss the current SPA guidelines, specific imaging findings, and the role of the radiologist in these complex cases.</p>
<b>Paediatric abdominal emergencies</b>	<p>Paediatric acute abdominal emergencies often present whilst trainees are on call. Interpretation of plain films and performing ultrasound or fluoroscopic examinations are crucial skills, and often involve liaising and coordinating with the wider clinical team.</p> <p>This session aims to equip the learner with a strategy to perform upper GI contrast studies and emergency abdominal ultrasounds, recognise emergency diagnoses on imaging, and provide the knowledge to inform conversations with the relevant clinical teams.</p>
<b>Demystifying the paediatric chest</b>	<p>This talk focuses on congenital lung anomalies. The aims of this session are to provide the learner with a deeper understanding on congenital lung anomalies, how to differentiate between them on imaging, and the role of the radiologist in their management.</p>
<b>Paediatric renal masses: neonates to teens</b>	<p>Paediatric renal masses, particularly solid masses, can look quite similar on imaging. An understanding of the age at which particular tumours commonly present, their relationship to adjacent structures, and potential sites of metastases, is vital. The session will provide an overview of common solid and cystic renal tumours, and their associated diagnostic and management pathways.</p>
<b>Paediatric urology conundrums</b>	<p>This session will explore common non-malignant paediatric urological conditions, and the role of the radiologist in their diagnostic work up.</p>
<b>Neonatal nuggets</b>	<p>Neonatal plain film reporting can be really challenging, with many of the findings being very subtle. This talk will help to give the learner a framework to approach neonatal films, increase confidence in correctly identifying and assessing the position of neonatal lines and tubes, and increase confidence in diagnosing common (and often overlapping) neonatal pathologies.</p>



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	Depending on the requirements of the training scheme, this talk could potentially be subdivided into separate talks – one of focusing on the chest, and one on the abdomen.
<b>Name that syndrome!</b>	There are so many syndromes, it's hard to remember them all! The imaging appearances of syndrome diseases are varied and complex. Of the syndromes, there some that are more common and have typical findings on imaging. An awareness of these commons syndromes is not only important for initial diagnosis, but also knowing when to recommend surveillance imaging to pick up potential abnormalities in years to come. This talk will address these important topics, and is primarily aimed at senior trainees and consultants.