**IMPROVING RADIOLOGY REPORTING & ESCALATION: WHERE ARE WE NOW?**

Imaging is pivotal to the patient pathway for the vast majority of patients. The radiology report is key to communicating clinical information between the radiologist, who has interpreted an increasingly sophisticated imaging test, and the clinician looking after the patient. In an ideal world, the report would be available in real time and the radiologist and clinician would communicate directly about this immediately. Currently, due to capacity constraints, scans are reported with a delay and the clinician who has requested the scan may no longer be looking after the patient, or the patient may have been discharged. Thus radiology reporting, as well as escalation, must be seen as a systems issue, not solely the province of the radiology department. The lecture will cover training in reporting both for radiologists but also the development of common standards for all reporters and implications for productivity, including reporting turnaround times. Potential benefit from AI and likely timeframes will be explored. The lecture explore current definitions of urgent, emergency and unexpected findings. It will cover the inter-collegiate work which the Royal College of Radiologists (RCR) has undertaken looking at how best the system can support communication, ensuring patient safety remains the primary driving force.