

Academic Grand Round

Monday, 28 April 2025, 7.00 pm to 8.00 pm

- The AGR will be live-streamed via Zoom -



Intra-arterial Computed Tomography (IAC) Phantom for Interventional Radiography Training

Training new radiographers in IR in the required skillset to perform a good IACT has always been a challenge, as it potentially involves using actual patients and the injection of contrast media, both of which are unacceptable in reality. By developing a vascular phantom that can enable the introduction of contrast media via a power injector, the trainee can now focus on learning the required technical skills for obtaining a good IACT, without the constraints of exposing real patients to unwanted radiation or contrast media.



Mr Kenneth Yeo
Prin Radiographer,
Radiography Dept, SGH

Clinical 3D Printing within the Hospital, in support of Patient Services - Propositions, Premises, Applications and Enablers

To realise the value propositions of clinical 3D printing – including improved treatment outcomes, expanded options and enhanced service delivery resiliency – hospitals need to integrate related workflows, administrative processes, and facilities into their operations. This is enabled by strategies, frameworks, and systems across various domains such as: (1) application development, (2) derivation and fulfilment of outcome metrics, (3) quality assurance and management, (4) reimbursement and pricing, and (5) clinical-imaging-engineering system integration.



Dr Mark Tan
Consultant,
Dept of Neuroradiology,
SGH

Time (pm)	Programme Outline
7:00	RADSC Academic Updates
7:10	Intra-arterial Computed Tomography (IAC) Phantom for Interventional Radiography Training <i>By Mr Kenneth Yeo, Prin Radiographer, Radiography Dept, SGH</i>
7:20	Clinical 3D Printing within the Hospital, in support of Patient Services – Propositions, Premises, Applications and Enablers <i>By Dr Mark Tan, Consultant, Dept of Neuroradiology, SGH</i>
7:50	Q&A
8:00	End

Please see the
publicity email for
the Zoom details.

1 CME point (for doctors) and 1 CPE point (for nurses and allied health professionals) will be credited.

* *Instructions will be given at the AGR on how you can submit your attendance for this event*

* *Please display your Full Name, Professional Registration No., Dept & Inst so that we can identify you as rightful participants*

For more information, please contact Ms Cheryl Lee (cheryl.lee.z.q@sgl.com.sg) or Ms Christine Tan (christine.tan.l.w@sgl.com.sg)