

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Terrence Chi Hong HUI

MBBS (Singapore), MRCS (Ireland), FRCR, MMED, DWD (CAW)

Date of Birth: 31st October 1989

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QUALIFICATIONS/AWARDS

MEDICAL SCHOOL BASIC DEGREE

From	To	Medical School	Country	Qualifications Attained
2008	2013	Yong Loo Lin School of Medicine, NUS	Singapore	MBBS

POSTGRADUATE DEGREES/QUALIFICATIONS

Date obtained	Institution	Country	Qualifications Attained
2019	Royal College of Radiologists	UK	FRCR
2019	Master of Medicine (Diagnostic Radiology), NUS	Singapore	MMED
2017	Royal College of Surgeons in Ireland	UK	MRCSI
2015	Naval and Undersea Medical Officer Course	Singapore	DWD (CAW)

OUTSTANDING ACADEMIC ACHIEVEMENTS

2019	Runner up, Best Oral Presentation, WIRES 2019
2018	Young Investigator Award, SHBC 2018 Best Oral Presentation, WIRES 2018
2017	Radiological Society of North America (RSNA) Student Travel Award
2015	Best Trainee Award, Naval and Undersea Medical Officer Course

EXPERIENCE

PAST AND PRESENT HOSPITAL APPOINTMENTS

From	To	Institution	Country	Position
2019	Present	National Healthcare Group	Singapore	Senior Radiology Resident
2017	2019	National Healthcare Group	Singapore	Radiology Resident
2015	2016	Naval Medical Services	Singapore	Head Current Ops Section (CAPT)
2014	2015	National Healthcare Group	Singapore	Radiology Resident
2014	2014	Tan Tock Seng Hospital	Singapore	Emergency Medicine House Officer
2013	2013	Khoo Teck Puat Hospital	Singapore	General Surgery House Officer
2013	2013	Tan Tock Seng Hospital	Singapore	Internal Medicine House Officer

PROFESSIONAL MEMBERSHIPS

From	To	Organisation	Position
2019	Present	Royal College of Radiologists	Fellow
2015	Present	Royal College of Surgeons in Ireland	Member
2013	Present	Singapore Radiological Society	Member
2013	Present	Singapore Medical Association	Member

OTHERS

Year	Organisation	Position
2019	Thermal ablation workshop, WIRES 2019	Course co-ordinator
2019	Lee Kong Chian School of Medicine	Clinical Teacher

RESEARCH ACTIVITIES

RESEARCH PUBLICATIONS

1. **Hui TCH**, Brace C, Hinshaw JL, Quek L, Huang KH, Kwan J, Lim GHT, Lee FT, Pua U. Microwave ablation of the liver in a live porcine model: The impact of power, time and total energy on ablation zone size and shape. *International Journal of Hyperthermia*, 37:1, 668-676, DOI: 10.1080/02656736.2020.1774083
2. **Hui TCH**, Khoo HW, Young BE, Haja Mohideen SM, Lee YS, Lim CJ, Leo YS, Kaw GJL, Lye DC, Tan CH. Clinical utility of chest radiography for severe COVID-19. *Quant Imaging Med Surg* 2020 Jul;10(7):1540-1550. doi: 10.21037/qims-20-642.
3. **Hui TCH**, Khoo HW, Young BE, Ong SWX, Haja Mohideen SM, Kalimuddin S, Low JG, Liew CJY, Tan SY, Kok SSX, Loh J, Chan LP, Poh ACC, Wong SBS, YS, Lim CJ, Lin RTP, Leo YS, Kaw GJL, Lye DC, Tan CH. (Submitted, major revisions)
4. Khoo HW, **Hui TCH**, Haja Mohideen SM, Lee YS, Liew CJY, Kok SSX, Young BE, Ong SWX, Kalimuddin S, Tan SY, Loh J, Chan LP, Poh ACC, Wong SBS, Leo YS, Lye DC, Kaw GJL, Tan CH. Radiographic features of Coronavirus Disease 2019 (COVID-19) based on initial cohort of 96 patients in Singapore. *Singapore Med J*. 2020 Sep 21. doi: 10.11622/smedj.2020142.
5. Lim ZY, Khoo HW, **Hui TCH**, Kok SXS, Kwan KEL, Young BE, Tan CH, Kaw GJL. Variable computed tomography appearances of COVID-19. *Singapore Med J* 2020. <https://doi.org/10.11622/smedj.2020066>
6. **Hui TCH**, Choo D, Wu YW, Chan G, Pua U. Comparative study of ablation zone shapes of four commercially available 2.45 GHz microwave ablation device using an ex-vivo bovine liver model (Submitted)
7. **Hui TCH**, Chuah TK, Low HM, VG Shelat, Tan CH. The use of SLICER score and MRI to predict early recurrence of HCC (Submitted)
8. Zhou SC, **Hui TCH**, Pua U. Percutaneous thermal ablation of hepatocellular carcinoma in the elderly population. *Journal of Geriatric Oncology*. doi: 10.1016/j.jgo.2020.03.004
9. **Hui TCH**, Chuah TK, Low HM, Tan CH. Predicting early recurrence of hepatocellular carcinoma with texture analysis of pre-operative magnetic resonance imaging: A Radiomics study. *Clin Radiol*. 2018 Dec;73(12):1056.e11-1056.e16. doi: 10.1016/j.crad.2018.07.109.
10. **Hui TCH**, Huang IK, Lau WK, Pua U. Does Intra-lesional Fat on MR predict the Visibility of Small (≤ 3 cm) Hepatocellular Carcinomas during Ultrasound-guided Tumor Ablation? *Clin Radiol*. 2017 Nov 10. pii: S0009-9260(17)30498-1. doi: 10.1016/j.crad.2017.10.008.

11. **Hui TCH**, Tan GZ, Tan AK, Pua U. The Use of Cone-beam CT in Achieving Unipedicular Spinal Augmentation. *Br J Radiol.* 2016 Sep;89(1065):20160030. doi: 10.1259/bjr.20160030. Epub 2016 Jul 4.
12. **Hui TCH**, Pua U. Arterial portography during transarterial chemoembolization: still a necessity in the age of contrast-enhanced cross-sectional imaging? *J Vasc Interv Radiol.* 2014 Jan;25(1):41-6. doi: 10.1016/j.jvir.2013.10.014. Epub 2013 Nov 26.

RESEARCH GRANTS

1. Singapore Radiological Society Research Grant 2018 (\$15,000 SGD)

ORAL AND POSTER PRESENTATIONS

1. Imaging and treatment of non-thrombotic iliac vein lesions: A primer for diagnostic radiologists. Cardiovascular and interventional radiology society of Europe 2020, Lisbon, Portugal.
2. Comparison of 4 microwave devices in an ex-vivo bovine liver. Cardiovascular and interventional radiology society of Europe 2019, Barcelona, Spain.
3. Percutaneous thermal ablation of hepatocellular carcinoma in the elderly. Oral Presentation. WIRES 2019, Singapore.
4. Predicting early recurrence of hepatocellular carcinoma with slicer score and qualitative analysis of pre-operative magnetic resonance imaging. Oral Presentation. Singapore congress of Radiology 2019, Singapore
5. Microwave ablation of the liver in a live porcine model: The impact of power, time and total energy on ablation zone size and shape. Poster Presentation. Society of Interventional Oncology 2019, Boston, USA.
6. Percutaneous thermal ablation of hepatocellular carcinoma in the elderly. Oral Presentation. Singapore Health and Biomedical Congress 2018.
7. Predicting early recurrence of hepatocellular carcinoma with slicer score and qualitative analysis of pre-operative magnetic resonance imaging. Poster Presentation. Singapore Health and Biomedical Congress 2018.
8. Microwave ablation of the liver in a live porcine model: The impact of power, time and total energy on ablation zone size and shape. Oral Presentation. Workshops in Interventional Radiology Education Singapore. 2018. Singapore.

9. Predicting early recurrence of hepatocellular carcinoma with SLICER score and qualitative analysis of pre-operative magnetic resonance imaging. Poster Presentation. 30th Meeting of Japanese Society of Hepato-Biliary-Pancreatic Surgery. 2018. Yokohama, Japan.
10. Diagnosis and Endovascular treatment of Spontaneous Intracranial Pseudoaneurysms: A Case Series. Poster presentation. 12th Asian-Oceanian Congress of Neuroradiology. 2018. Taipei, Taiwan.
11. Predicting early recurrence of hepatocellular carcinoma with texture analysis of pre-operative magnetic resonance imaging: A radiomics study. Oral presentation. 103th Annual Meeting, Radiological Society of North America. 2017. Chicago, USA.
12. Diseases of the renal hilum and perinephric space: Looking beyond the bleed. Educational poster presentation. 103th Annual Meeting, Radiological Society of North America. 2017. Chicago, USA.
13. The use of cone-beam CT in achieving unipedicular spinal augmentation procedures. Oral presentation. European Congress of Radiology. 2015. Vienna, Austria.
14. Percutaneous insertion of Covered Self-Expandable Metal Stents (cSEMS) for Obstructive Jaundice – A Singapore experience. Poster presentation. 22st Annual Scientific Meeting of the Singapore Radiological Society. 2013. Singapore.
15. Optimal Pulse Sequences for Static and Dynamic MR Imaging of The Lung With 3.0T MR Scanner. Oral presentation. 22st Annual Scientific Meeting of the Singapore Radiological Society. 2013. Singapore.
16. Radiofrequency ablation of Renal tumours: Experience in a South East Asian centre. Poster presentation. Malaysia Singapore Congress of Medicine. 2012. Kuala Lumpur, Malaysia.
17. Indirect Portal Venography during TACE: Still a necessity in the age of contrast enhanced cross-sectional imaging? Poster Presentation. European Congress of Radiology. 2012. Vienna, Austria.

OTHERS

LEADERSHIP

1	Chief Resident, NHG Diagnostic Radiology Resident	2020
2	Head Current Ops Section, Naval Medical Operations Centre	2016
3	Current Ops Officer, Naval Medical Operations Centre	2015
4	Medical Officer Cadet Course	2015
5	Officer Cadet School, Service term (Completed)	2008

VOLUNTEERISM

1	Doctor, Project Yangon, Yangon, Myanmar	2016
2	Operation Smile, Mandalay, Myanmar	2012
3	Public Health Screening, Toa Payoh Hub	2011
4	Project Rudolph, KK Women's and Children's hospital	2010
5	Project Lokun, Cambodia	2009
6	Public Health Screening, IMM, Jurong	2008
