



Yong Enming

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Research and Innovation Interests:

- Wounds
- Vascular access
- Innovation/Med Tech Devices

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Biography

Dr Yong Enming is a Vascular and Endovascular Surgeon with Tan Tock Seng Hospital. He graduated from National University of Singapore and underwent surgical training with National Healthcare Group. He has been accredited as a specialist in General Surgery since 2018, becoming a Fellow of the Royal College of Surgeons of Edinburgh. He is a clinical lecturer at our local medical schools, Yong Loo Lin School of Medicine and Lee Kong Chian School of Medicine.

He has clinical and research interests in diabetic limb salvage, vascular access and wounds including maggot debridement therapy. He holds an MBA jointly awarded by IE Business School and Singapore Management University and has additional interests in MedTech innovation.

Selected Publications

- Lim X, Zhang L, Pan Y, Hong QT, Mak M, Chong RCL, Neo S, Tan GWL, Dharmaraj RB, Ng JJ, Chong SW, Ho P, **Yong E**. Singapore's experience on the VasQ™ anastomotic external support device to augment arteriovenous fistula maturation: Real world outcomes. *J Vasc Access*. <https://doi.org/10.1177/11297298251377946>
- **Yong E**, Zhu X, Weng J, et al. Role of therapeutic treatment with antiseptic solutions in the care of diabetic foot ulcers. *Journal of Wound Care*. 2025 Apr;34(Sup4c):S4-S13. DOI: 10.12968/jowc.2025.34.sup4c.s4.

- Krishna H, Aiwei Foster, Bawa A, Feng G, Zhang L, Kendirci M, Aburn R, Sato T, **Yong E**. Advancing Wound Hygiene as a standard protocol for hard-to-heal wounds in APAC and Turkey: Findings from an international meeting. *Wounds International*. Published online 2025.
- Chan KS, Yong E, Zhang L, ..., and **Yong E**. Reducing time for vascular access salvage: initial results from a single institution's clinical practice improvement programme. *BMJ Open Quality*. 2025 Mar; 14(1):e003138. doi:10.1136/bmjoq-2024-003138
- Quah AMF, Ng MJM, Zhang L, ... and **Yong E**. Early experience on injectable micronized putty type human-derived acellular dermal matrix (ADM) in management of diabetic foot wounds in Singapore. *Int Wound J*. 2025;22(1):e70127. doi:10.1111/iwj
- Ong CW, Lo ZJ, Liang S, Hong QT, Zhang L, P Lingam, L Chong, S Chandrasekar, GWL Tan, **Yong E**. Pre-operative exercise therapy to increase blood vessel diameter in patients undergoing radiocephalic arteriovenous fistula creation. *Proceedings of Singapore Healthcare*. 2023;32. doi:10.1177/20101058231188877
- **Yong E**, Gong H, Liew H, et al. Getting a Foothold on Diabetic Foot Disease—Outcomes of a Multidisciplinary Clinical Pathway for Inpatient Diabetic Foot Care: A 17-Year Institutional Review. *The International Journal of Lower Extremity Wounds*. 2023;0(0). doi:10.1177/15347346231183740
- Chan WK, **Yong E**, Hong QT, et al. Systematic Review and Meta-analysis of the Prevalence of Abdominal Aortic Aneurysm in Asian Populations. *Journal of Vascular Surgery*. 25 September 2020. <https://doi.org/10.1016/j.jvs.2020.08.140>
- **Yong E**, Tan GWL, Huang KH, et al. Pressed for time: Implications of a delayed presentation of venous thromboembolism precipitated by COVID-19 and May-Thurner Syndrome. *British Journal of Surgery*. 26 August 2020. <https://doi.org/10.1002/bjs.11908>
- Goh S, **Yong E**, Hong Q, et al. Acute aortic thrombosis presenting as acute limb ischemia in two young, non-atherosclerotic patients. *British Journal of Surgery*. 10 August 2020. <https://doi.org/10.1002/bjs.11897>
- Pua U, Quek HHL, **Yong E**, Tan GWL. IVUS guided revascularization of chronic juxta-renal aortoiliac occlusion. *Annals of Vascular Surgery*. 2020. 29 July 2020. <https://doi.org/10.1016/j.avsg.2020.07.017>
- Tang JH, Lo ZJ, Wong J, Hong QT, **Yong E**, Chandrasekar S, Tan GWL. Effect of thoracic endovascular aortic repair on aortic remodeling in patients with type B aortic dissection in an

Asian population. *Annals of Vascular Disease*. 2020. Jun 2;S0890-5096(20)30473-8. <https://doi.org/10.1016/j.avsg.2020.05.058>

- Lo ZJ, Lim X, Eng D, Car J, Hong WT, **Yong E**, et al. Clinical and economic burden of wound care in the tropics: a 5-year institutional population health review. *International Wound Journal*. 2020. Jun;17(3):790-803. <https://doi.org/10.1111/iwj.13333>

Notable Research and Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
COVID-19 MedTech Innovation Grant: Automating hospital cubicle curtains to reduce environmental contamination on high touch surfaces.	2019
COVID-19 MedTech Innovation Grant: Use of smart phone application or telecollaboration platform to digitalize monitoring of access flow and to prompt intervention for dialysis access patients.	2019
TTSIH Pitch for Fund Grant	2020