



Deborah Ng Chieh Yih

Principal Staff Physician, General Surgery, Khoo Teck Puat Hospital

Clinical Lecturer, Yong Loo Lin School of Medicine, NUS

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Research and Innovation Interests:

- Bariatric Surgery
- General Surgery
- Clinical Innovations in Endoscopy
- Obesity
- AI applications for Healthcare

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Research Profile: <https://www.researchgate.net/profile/Chieh-Yih-Deborah-Ng>

Biography

Dr Deborah Ng is currently a Principal Staff Physician in the Upper GI and Bariatric Surgery Team at the Department of General Surgery, Khoo Teck Puat Hospital.

She received her medical degree from the National University of Singapore in 2012, followed by postgraduate surgical training in General Surgery. She obtained her Membership of the Royal College of Surgeons (MRCS) from the Royal College of Surgeons of Edinburgh in 2013 and subsequently her Master of Medicine (MMed) in Surgery from the National University of Singapore in 2017.

Her research interests focus on bariatric and metabolic surgery, upper gastrointestinal surgery, and healthcare innovation. She received further training in Obesity Medicine through the Harvard Medical School Blackburn Course in Obesity Medicine in 2018 and completed a Bariatric Physician Development Clinical Attachment at Austin Hospital, Melbourne as an Honorary Observer in 2023.

She serves as Clinical Lecturer at NUS Yong Loo Lin School of Medicine and Adjunct Teaching Faculty at Lee Kong Chian School of Medicine, contributing to medical education whilst advancing clinical research and healthcare innovation initiatives.

Selected Publications

- Moh MC, Lim BK, Pandian B, Lim AM, Tan CH, Tan BC, Noor NABM, Ng DCY, Shao YM, Tang WE, Leow MKS, Cheng AKS, Lim SC. **Association of Preoperative Serum 25-Hydroxyvitamin D with Longitudinal Body Mass Index After Bariatric Surgery-A Mediation Effect of Serum Albumin.** Obes Surg. 2025 Mar;35(3):867-874.
- Ng DCY, Lim KT. **Use of a Sengstaken-Blakemore tube in a lifesaving non-variceal oesophageal bleed from pseudoaneurysms of the superior and inferior thyroid arteries.** BMJ Case Rep. 2024 Jun 19;17(6):e256539.
- Lim JG, Moh A, Pandian B, Ubeynarayana CU, Lim NG, Tan BC, Ng D, Subramaniam T, Cheng A, Lim SC. **Short-term Weight Trajectory of Severely Obese Individuals With and Without Pathogenic Satiety-Regulation Melanocortin 3/4 Receptor (MC3/4R) Mutations From a Multi-ethnic Asian Large Bariatric Surgery Program.** J Investig Med High Impact Case Rep. 2023 Jan-Dec;11:23247096231168108.
- Moh MC, Cheng A, Tan CH, Low S, Tan BC, Ng D, Subramaniam T, Sum CF, Lim SC. **Association of Baseline Triglyceride-Glucose Index with Poor Glycemic Control and Diabetes Remission After Metabolic Surgery.** Obes Surg. 2023 Jan;33(1):164-172.
- Moh MC, Cheng A, Tan CH, Lim BK, Tan BC, Ng D, Sum CF, Subramaniam T, Lim SC. **Metabolic Surgery Diabetes Remission (MDR) Score: a New Preoperative Scoring System for Predicting Type 2 Diabetes Remission at 1 Year After Metabolic Surgery in the Singapore Multi-ethnic Asian Setting.** Obes Surg. 2020 Sep;30(9):3387-3393.
- Goh WGW, Ng DCY, Ng JX, Lim KT. **Paterson-Brown Kelly Syndrome (also commonly known as Plummer-Vinson Syndrome).** Clin Case Rep. 2020 Jul 20;8(11):2316-2317.
- Ng CYD, Nandini CL, Chuah KL, Shelat VG. **Right hemicolectomy for acute appendicitis secondary to breast cancer metastases.** Singapore Med J. 2018 May;59(5):284-285.
- Yih ND, Chyen LH, Cunli Y, Jaywantraj PS, Isip AB, Anil SA. **Renosplenic shunting in the nutcracker phenomenon: a discussion and paradigm shift in options? A novel approach to treating nutcracker syndrome.** Int J Angiol. 2014 Mar;23(1):71-6.

Notable Research and Innovation Awards & Grants from Past 5 Years

Name of Award & Grant	Year Obtained
NHG-CMTI Clinician Innovator Preparatory Programme (CiPP) Award: Development of a Novel Endoscopic Device for Enhanced Blood Clot Extraction in Emergency Upper Gastrointestinal Bleeding	2025
NHG Team Recognition Award (Gold): Integrated Care for Obesity and Diabetes (ICOD)	2022
Alexandra Health Enabling Grant (AHEG): Effect of Omega- 3 supplementation on Liver Size for application in Bariatric Surgery.	2018