

Ong, Yee Siang

Nationality Singaporean

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WORK EXPERIENCE

- Jan '19 - current **Head and Senior Consultant, Singapore General Hospital**
Department of Plastic, Reconstructive and Aesthetic Surgery
- Aug '16 **Adjunct Associate Professor, Duke- NUS Medical School**
- Nov '14 **Senior Consultant, Singapore General Hospital**
Department of Plastic, Reconstructive and Aesthetic Surgery
- Aug '12 – Dec '19 **Program Director, Surgery- in- General (Singhealth)**
Program Director, Plastic, Reconstructive and Aesthetic Surgery (Singhealth)
- May '10 – Nov '14 **Consultant, Singapore General Hospital**
Department of Plastic, Reconstructive and Aesthetic Surgery
Adjunct Assistant Professor Duke- NUS Medical School
Adjunct Assistant Professor Yong Loo Lin Medical School
- Apr '08 – Apr '10 **Associate Consultant, Singapore General Hospital**
Department of Plastic, Reconstructive and Aesthetic Surgery
- Nov '06 – Oct '07 **Fellow – Reconstructive Surgery**
Department of Plastic, Reconstructive, Maxillofacial and Oral Surgery,
Duke University, USA
- May '03 – Mar '08 **Registrar– SingHealth**
SGH Plastic and Reconstructive Surgery
- Nov '00 – Apr '03 **Medical Officer (Trainee) – National Healthcare Group**
 - TTSH General Surgery
 - SGH Plastic and Reconstructive Surgery
 - NUH Accident and Emergency
 - NHC Cardiothoracic Surgery
- Sep '99 – Oct '00 **Medical officer (National Service)**
 - Staff Officer in Headquarters Medical Corps (Health Care Office)
- Feb '98 – Aug '99 **Medical Officer**
 - NUH Cardiothoracic Surgery
 - NUH Orthopaedics
- Feb '97- Jan '98 **Housemanship**
 - NUH Obstetric and Gynaecology
 - CGH Surgery
 - TTSH General Medicine
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EDUCATION

1991- 1996	Cambridge University, UK Bachelor of Medicine and Surgery – <i>Distinction in Obstetrics and Gynaecology</i> Bachelor of Arts (Hons) – Neuroscience Master of Arts
29 Jan 2002	Member of Royal College of Surgeons (Edinburgh) – Part II
24 Oct 2002	Masters of. Medicine (Surgery) Part 2
5 Sep 2008	Fellow of Academy of Medicine (Plastic Surgery)

PUBLICATIONS

1. KVS Liew, TC Lau, Ch Ho, TK Cheng, **Ong YS**. Liver abscess in South- East Asian Patients – a review of 73 patients from Singapore. Singapore Medical Journal Oct 2000;41(10):489-92
 2. **Ong YS**, Yap K, Ang ES, Tan KC, Ng RT, Song IC. Long- term Biomechanical properties and Histological changes in 2- octylcyanoacrylate assisted microvascular anastomosis in rat femoral arteries. Microsurgery 2004; 24(4): 304-8
 - presented at American Society of Reconstructive Microsurgery Meeting 2003
 - Best Poster Award (Medical Officer/ Registrar) at Singapore General Hospital Annual Scientific Meeting 2003
 3. **Ong YS**, Samuel M, Song C. Meta- analysis of early excision of burns. Burns. 2006 Mar;32(2):145-50
 4. Presented at Royal Australian College of Surgeons Annual Scientific Congress 2005 (Perth)
 5. Wong CH, Song C, **Ong YS**, Tan BK, Foo CL. Abdominal wall necrotising fascitis: is it still “Meleney’s Minefield”. Plast Reconstr Surg 2006 Jun;117(7):147e-150e
 6. YX Zhang, J Yang, DR Wang, **Ong YS**, KE. Follmar, YG Zhang, D Erdmann, MR. Zenn, YL Qian, LS Levin. Extended Applications of Vascularized Preauricular and Helical Rim Flaps in Reconstruction of Nasal Defects. PRS 121(5)May 2008pp 1589-159
 7. YX Zhang, J Yang, DR Wang, YG Zhang, **Ong YS** et al. Triple Chimeric Flap Based on Anterior Tibial Vessels for Reconstruction of Severe Traumatic Injuries of the Hand with Thumb Loss. PRS 123(1)January 2009pp 268-275
 8. **Ong YS**, LS Levin. Hand Infections –Plast Recon Surg 124: 225e, 2009
 9. Pradka SP, **Ong YS**, Zhang YS, Davis SJ, Baccarani A, Messmer C, Fields TA, Klitzman B, Levin LS. Increased signs of acute rejection with ischaemic time in a rat musculocutaneous allotransplant model. Transplant Proc 2009 Mar;41(2):531- 6
 10. CH Wong, **Ong YS**, KY Chew, BK Tan, Song C. The fibula osteoseptocutaneous flap incorporating the hemisoleus muscle for complex head and neck defects: anatomical study and clinical applications. Plast Recon Surg 124: 1956, 2009
 11. YX Zhang, J Yang, DR Wang, YG Zhang, **Ong YS** et al Treatment Strategy for Post-burn Neck Reconstruction: Emphasizing the Functional and Aesthetic Importance of the Cervicomenal Angle " Ann Plast Surg 2010 Dec;65(6):528-34
 12. **Ong YS**, LS Levin. Limb salvage in Trauma –Plast Recon Surg 125: 582, 2010
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13. Chia HL, Wong CH, Tan BK, Tan KC, **Ong YS**. An algorithm for recipient vessel selection in microsurgical head and neck reconstruction. *J Reconstr Microsurg* 2011 Jan;27(1):47-56
 14. C Song, Wong M, Wong CH, **Ong YS**. Modifications of the radial forearm flap phalloplasty for female-to-male gender reassignment. *J Reconstr Microsurg* 2011 Feb;27(2):115-20
 15. Kang GC, **Ong YS**. Large unilateral breast autoinflation after breastfeeding linked to polyacrylamide hydrogel injection augmentation mammoplasty. *Aesth Plast Surg* 2011 Feb;35(1):122-4
 16. T Goh, BK Tan, **Ong YS**, W Chew. Serratus Anterior Venous Tributary as a Second Outflow Vein in Latissimus Dorsi Free Flaps. *J Reconstr Microsurg* 2011 Jul 27 (Epub)
 17. Tan BK, Joethy J, **Ong YS**, Pribaz JJ. Preferred use of the Ipsilateral Pedicled TRAM flap for Immediate Breast Reconstruction: An Illustrated Approach. *Aesth Plast Surg* 2011 Jul 2 (Epub)
 18. Wong CH, T Goh, Tan BK, **Ong YS**. The Anterolateral thigh perforator flap for reconstruction of knee defects. *Ann Plast Surg* 2012 Jan 5
 19. Wong CH, **Ong YS**, Wei FC. The Anterolateral thigh- Vastus lateralis conjoint flap for complex defects of the lower limb. *J Plast Reconstr Aesthet Surg* 2012 Feb;65(2):235-9
 20. Wong CH, **Ong YS**, Wei FC. Revisiting Vascular Supply of Rectus Femoris and its Relevance in the Harvest of the Anterolateral Thigh Flap. *Ann Plast Surg* 2012 Nov 29.
 21. Teo WL, **Ong YS**, Tan BK. Radical surgical excision and use of lateral thoracic flap for intractable axillary hidradenitis suppurativa. *Arch Plast Surg* 2012 Nov;39(6):663-6
 22. Xiong Y, Chan WY, Chua AW, Feng J, Gopal P, **Ong YS**. Decellularized porcine saphenous artery for small diameter tissue- engineered conduit graft. *Artificial Organs*, June 2013;37(6):E74-87
 23. A Ooi, **Ong YS**, Wong CH. Combined use of liposuction and arthroscopic shaver in lower limb fasciocutaneous flap contouring. *Journal of Plastic, Reconstructive and Aesthetic Surgery*.
 24. A Ooi, Feng J, Tan HK, **Ong YS**. Primary treatment of mandibular ameloblastoma with segmental resection and free fibula reconstruction: Achieving satisfactory outcomes with low implant- prosthetic rehabilitative uptake. *J Plast Reconstr Aesth Surg* 2014 Jan (Epub)
 25. Kua EH, Leo KW, **Ong YS**, Cheng C, Tan BK. Vascularisation of urethral repairs with the gracilis muscle flap. *Arch Plast Surg* 2013 Sep; 40(5): 584-8
 26. Zhang YX, Qian Y, Pu Z, **Ong YS**, Messmer C et al. Reverse bipaddle posterior interosseous artery perforator flap. *Plast Recon Surg* 2013 Apr;131(4):552-62e
 27. Zhang YX, Yongjie H, Messmer C, **Ong YS** et al. Thoracoacromial artery perforator flap: anatomical basis and clinical applications. *Plast Recon Surg* 2013 May;131(5):759(e)-70e
 28. Zhang YX, Messmer C, Pang FK, **Ong YS** et al. A novel design of the multilobed latissimus dorsi myocutaneous flap to achieve primary donor- site closure in the reconstruction of large defects. *Plast Recon Surg* 2013 May;13(5):752-8e
 29. Raju A, Ooi A, **Ong YS**, Tan BK. Traumatic lower limb injury and microsurgical free flap reconstruction with the use of negative wound pressure therapy: is timing crucial? *J Reconstr Microsurg* 2014 Jul. 30(6):427-30
 30. Ramachandran S, **Ong YS**, Chin AY, Song IC, Ogden B, Tan BK. Stepwise training for reconstructive microsurgery: the journey to becoming a confident microsurgeon in Singapore. *Arch Plast Surg* 2014 May. 41(3):209-12
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31. Aslim EJ, Rasheed MZ, Lin F, **Ong YS**, Tan BK. Use of the anterolateral thigh and vertical rectus abdominus musclocutaneous flaps as utility flaps in reconstructing large groin defects. Arch Plast Surg 2014 Sep. 41(5):556-61
32. Ooi ASH, Kanapathy M, **Ong YS**, Tan KC, Tan BK. Optimising Aesthetic Reconstruction of Scalp Soft Tissue by an Algorithm Based in Defect Size and Location. Ann Acad Med Singapore 2015 Nov,44(11):535-41
33. Ng YY, Tan VK, Goh TL, Yong WS, Wong CY, Ho GH, Madhukumar P, Ong KW, **Ong YS**, Sim Y, Tan BK. Trends in Post- Mastectomy Reconstruction in an Asian Population: a 12- year Institutional review. Breast Journal 2017 Jan;23(1):59-66

ACADEMIC APPOINTMENTS

1. DUKE-NUS Graduate Medical School – Adjunct Associate Professor (Jun 2016 - Current)
2. YLL School of Medicine – Adjunct Assistant Professor (Oct '13- Current)

OTHER APPOINTMENTS

1. Hospital
 - Academia Deputy Chair, MSKSC ACP (1 Mar 2026 – 28 Feb 2029)
 - Member, SGH Medical Board (1 Jan 2025 – 31 Dec 2025)
 - Academic Vice Chair, Strategic Initiatives (1 Jul 2022 - 30 Jun 2025)
 - Academic Deputy Vice Chair, Strategic Initiatives - Philanthropy (1 Apr 2021 - 31 Mar 2024)
 - Academic Deputy Vice Chair Strategic Initiatives (1 Oct 2018 - 31 Mar 2021)
 - Director, Faculty & Professional Development (1 Jul 2016 - 31 Mar 2024)
 - Chairman, Laser Safety Committee (Jan 2023- current)
2. University / Residency Program
 - Residency Accreditation Committee (2024 – current)
 - Duke – NUS Medical School Admissions Committee (2024 – current)
3. Professional Bodies
 - President, Singapore Association of Plastic Surgeons (Mar 2024 - current)
 - World Society of Reconstructive Microsurgery Executive Council member (since Aug 2023)
 - MOH Panel Appointment – Plastic Surgery (1 Oct 2023 – 31 Aug 2028)

INVITED SPEAKER AT OVERSEAS CONFERENCES

1. 28th Annual Scientific Congress Malaysia Association of Plastic, Aesthetic and Craniomaxillofacial Surgeons (16 – 18 May 2025), Kuala Lumpur, Malaysia
 2. XIII Congress of the World Society for Reconstructive Microsurgery (WSRM 2025) (23 – 26 Apr 2025) – Barcelona, Spain
 3. 16th Congress of the European Federation of Societies for Microsurgery (9 – 11 May 2024) – Milan, Italy
 4. 14th Asia Pacific Burn Congress (APBC) (13 – 16 Sep 2023) – Chongqing, China
 5. 9th Congress of World Society of Reconstructive Microsurgery 2017 (15-18 Jun) - Seoul, Korea
 6. 3rd Congress of Asia Pacific Federation of Societies for Reconstructive Microsurgery (2-5 Jun) – Beijing, China
 7. Singhealth Surgical Congress (23- 25 Oct 2015) – Singapore
 8. 10th Asia Pacific Burns Congress (29-31 Aug 2015) – Bali, Indonesia
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9. 33rd Congress of the Korean Society of Aesthetic Plastic Surgery (28-29 March 2015) – Seoul, Korea
10. 5th India- Singapore Conference (13-15 Feb 2015) – Trivandrum, India
11. 6th Asian Symposium for Breast Plastic and Reconstructive Surgery (20-21 Oct 2014) – Bali, Indonesia
12. 4th Burn Course Symposium and Workshop (13-14 Sep 2014) – Jakarta, Indonesia
13. 2nd Meeting of the Asian Pacific Federation of Societies of Reconstructive Microsurgery (3-5 July 2014) – Korea
14. Royal Australian College of Surgeons Annual Scientific Congress (5-9 May 2014) – Singapore
15. 18th Annual Scientific Meeting of Indonesian Association of Plastic Reconstructive and Aesthetic Surgeons (30 April – 3 May 2014) - Bogor, Indonesia
16. 2012 Scientific Meeting of Korean Society for Aesthetic Plastic Surgery – Seoul – Invited speaker
17. 15th Annual Scientific Meeting Indonesian Association of Plastic Surgeons (7-10 May 2011) – Semarang, Indonesia
18. 20th Congress of International Society of Aesthetic Plastic Surgery (14-18 Aug 2010) – San Francisco, USA
19. Burn Course Symposium and Workshop (7- 8 Aug 2010) – Jakarta, Indonesia
20. Royal College of Surgeons of Thailand Annual Scientific Meeting 2008 (17-20 July) – Pattaya. Thailand
 - Invited speaker in Wound Care Symposium
21. Annual Congress of Asian Society Of Vascular Surgery 2008 (Dec) – Bangkok, Thailand
 - Invited Speaker on: Update on Limb- threatening Infections
22. 1st Joint Conference of Chinese Society of Microsurgery and American Society of Reconstructive Microsurgery (October 2008) – Shanghai, China
23. American Society of Reconstructive Microsurgery (Jan 2008) – Los Angeles, USA
 - Effect of ischaemic time on Composite Tissue Allotransplantation
24. Royal Australian College of Surgeons Annual Scientific Congress 2005 (Perth)
 - Meta- analysis on early excision of burns
25. 12th Asean Congress of Plastic Surgery 2004- Manila, Philippines
 - Long- term Biomechanical properties and Histological changes in 2- octylcyanoacrylate assisted microvascular anastomosis in rat femoral arteries
26. Proceedings of 11th Annual Meeting of Asian Society of Cardiovascular Surgery (Feb 2003)
 - MAZE procedure for treatment of atrial fibrillation

MEETINGS ATTENDED

1. 2024 American Society for Reconstructive Microsurgery Annual Meeting (12 – 16 Jan 2026), Nassau Bahamas
 2. 1st International Congress of Living Donor Liver Transplantation Study Group – Nov 7-8, Seoul, Korea
 3. 3rd Asian Symposium of Breast Plastic and Reconstructive Surgery – Seoul, Korea (poster presentation)
 4. 15th Asean Congress of Plastic Surgery (14 – 17 July 2010) – Kuching, Malaysia
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5. Royal College of Surgeons of Thailand Annual Scientific Meeting 2008 (17-20 July) – Pattaya, Thailand (Invited speaker in Wound Care Symposium)
6. Annual Congress of Asian Society Of Vascular Surgery 2008 (Dec) – Bangkok, Thailand (Invited Speaker on: Update on Limb- threatening Infections)
7. 1st Joint Conference of Chinese Society of Microsurgery and American Society of Reconstructive Microsurgery (October 2008) – Shanghai, China
8. American Society of Reconstructive Microsurgery (Jan 2008) – Los Angeles, USA (oral presentation)
9. Royal Australian College of Surgeons Annual Scientific Congress 2005 (Perth) (oral presentation)
10. The Aesthetic Meeting 2007 - New York
11. 23rd Annual Breast Surgery Symposium (Jan 2007) – Atlanta, Georgia
12. American Society of Reconstructive Microsurgery (Jan 2007) - Puerto Rico
13. AO Principles of Craniomaxillofacial Fixation (Dec 2005) – Davos, Switzerland
14. Third International Workshop on Craniofacial and Cleft Surgery (6- 9 Sep 2004) – Taiwan
15. 14th Instructional Course on Basic Microsurgery (11-15 Nov 2002) – SGH
16. 2001 Course in Clinical Surgery (30 July – 11 August 2001) – NUS
17. Basic Surgical Skills Course (2-8 November 2000) – NUS

ORGANISING COMMITTEES

1. 7th Asia Pacific Federation of Societies for Reconstructive Microsurgery (APFSRM 2026) – Committee Member
 2. 12th Congress of the World Society For Reconstructive Microsurgery (WSRM 2023) – Organising Committee Chairman
 3. Scientific Committee Chairman – 1st Meeting of the Asian Pacific Federation of Societies of Reconstructive Microsurgery 2012 (Singapore)
 4. Scientific Committee Chairman – 5th Asian Symposium Breast Plastic and Reconstructive Surgery 2013 (Singapore)
 5. Scientific Committee Chairman - 17th ASEAN Congress of Plastic Surgery in conjunction with 11th Asia-Pacific International Confederation of Plastic, Reconstructive & Aesthetic Surgery Congress 2014
 6. SGH Annual Scientific Meeting 2008 – Organising Committee Member
 7. SGH Blood Transfusion Committee – Member
 8. DUKE_ NUS GMS Year 4 Musculoskeletal Elective Planning Committee
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OTHER EXPERIENCE

Electives in Harvard Medical School (Joslin Diabetes Centre) and Memorial Sloan- Kettering Cancer Research Centre (New York) in 1996

TEACHING AWARDS

1. SGH Surgical Star Inspiring Teacher award 2011
2. Duke- NUS Faculty Appreciation Award 2011 – Most Understanding Faculty for MSK
3. Residency In Singhealth Excels (RISE) award 2012 for Passionate Educator and Innovative Educator

SERVICE AWARDS

1. Singapore Health Quality Service Award (April 2009 – March 2010) – Silver
2. Service Quality Award Winner – September 2010
3. National Day Public Administration Medal 2022 – Bronze

EDUCATIONAL ACTIVITIES

1. Singhealth Duke- NUS Harvard Macy Programme – Health Professions Educators Essential
 - Completed all 4 modules in 2018
 2. Accreditor for JCST Programmes
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