



## Curriculum Vitae

| Personal Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     |  |
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| Title (i.e. Pf. Dr. etc)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Senior Consultant Plastic, Reconstructive & Aesthetic Surgeon / Head / Assistant Clinical Professor |  |
| Name (Last name_First name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Jeremy Sun                                                                                          |  |
| Degree (i.e. MD, Msc, PhD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MBBS, MRCS (Edin), MMed (Surg), FAMS (Plast Surg)                                                   |  |
| Country                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Singapore                                                                                           |  |
| Affiliation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Changi General Hospital / Duke-NUS Medical School / SingHealth                                      |  |
| SNS ID (Optional)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                     |  |
| Curriculum Vitae                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                     |  |
| <b><u>PROFESSIONAL PROFILE</u></b><br>Plastic, reconstructive and aesthetic surgeon with expertise in microsurgical reconstruction, lymphatic surgery and complex head and neck, breast and lower-limb reconstruction. Recipient of the Ministry of Health Health Manpower Development Programme for advanced training in lymphedema and lymphatic surgery in Tokyo, and an international fellowship grant from the American Society for Aesthetic Plastic Surgery. Experienced clinical leader, educator and researcher with national professional-society and Ministry of Health appointments.<br><b>LYMPHATIC SURGERY</b><br>Lymphedema assessment, lymphatic mapping and supermicrosurgery<br><b>RECONSTRUCTION</b><br>Head & neck, breast, lower limb and wound reconstruction<br><b>MICROSURGERY</b><br>Free tissue transfer and complex reconstructive surgery<br><b>CLINICAL LEADERSHIP</b><br>Service development, governance and multidisciplinary care<br><b>AESTHETIC SURGERY</b><br>Facial, breast and body-contouring surgery<br><b>EDUCATION &amp; RESEARCH</b><br>Residency training, invited lectures and clinical investigation<br><br><b><u>CURRENT LEADERSHIP &amp; APPOINTMENTS</u></b> |                                                                                                     |  |

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Head, Plastic Reconstructive and Aesthetic Surgery Service  
 Department of Surgery, Changi General Hospital  
 Chairman, Chapter of Plastic Reconstructive and Aesthetic Surgeons  
 College of Surgeons, Academy of Medicine, Singapore  
 Director, Clinical Services  
 Musculoskeletal Sciences Academic Clinical Programme  
 Assistant Clinical Professor  
 Duke-NUS Medical School  
 Core Faculty  
 SingHealth Plastic Surgery Residency Programme  
 Physician Faculty  
 SingHealth CGH Postgraduate Year 1 Programme  
 Clinical Teacher  
 Lee Kong Chian School of Medicine  
 Member, Aesthetic Practice Oversight Committee  
 Ministry of Health, Singapore  
 Vice-Chairman, Wound Healing Committee  
 Changi General Hospital

**QUALIFICATIONS, CERTIFICATION & PROFESSIONAL MEMBERSHIPS**

| Qualification     | Institution                                                   | Country        | Year |
|-------------------|---------------------------------------------------------------|----------------|------|
| FAMS (Plast Surg) | Academy of Medicine<br>Singapore                              | Singapore      | 2018 |
| MMed (Surgery)    | National University of<br>Singapore                           | Singapore      | 2015 |
| MRCS              | Royal College of<br>Surgeons of<br>Edinburgh                  | United Kingdom | 2011 |
| MBBS              | Yong Loo Lin School<br>of Medicine, National<br>University of | Singapore      | 2007 |

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Singapore

Specialist Accreditation | 2018

Plastic, Reconstructive and Aesthetic Surgery — Specialist Accreditation Board, Ministry of Health, Singapore

Medical Registration | Since 2007 Singapore Medical Council — Registration No. 14036H

Professional Memberships

- Fellow, Academy of Medicine, Singapore; Chairman, Chapter of Plastic Surgeons (2025–present)
- National Representative and Committee Member, International Young Plastic Surgeons Steering Committee, American Society of Plastic Surgeons (2020–present)
- International Fellow, American Society for Aesthetic Plastic Surgery (2020–2022)

**PROFESSIONAL EXPERIENCE**

Senior Consultant, Plastic Surgery | Nov 2025–Present

Changi General Hospital

Consultant, Plastic Surgery | Nov 2020–2025

Changi General Hospital

Associate Consultant, Plastic Surgery | Oct 2018–Oct 2020

Changi General Hospital

Senior Resident, Plastic Surgery and Related Rotations | Jul 2014–Oct 2018

SingHealth / KKH / TTSH / SGH / CGH

Resident, Surgery and Related Rotations | May 2012–Jun 2014

SingHealth institutions

Medical Officer, Plastic Surgery | Feb 2011–Apr 2012

KK Women's and Children's Hospital / Singapore General Hospital

House Officer / Medical Officer | May 2007–Nov 2008

SGH / TTSH

**CLINICAL LEADERSHIP & SERVICE DEVELOPMENT**

- Member of Aesthetic Practice Oversight Committee MOH , (2025 – Present)
- Established and led the Changi General Hospital Lymphedema Service (2023).

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- Established the Changi General Hospital Laser and Scar Service (2022).
- Head of the Plastic Reconstructive and Aesthetic Surgery Service, Changi General Hospital (since 2021).
- Authored Changi General Hospital extravasation guidelines (2021).
- Founding contributor to the Singapore Association of Plastic Surgeons Young Plastic Surgeons Wing (2020).
- Organised the MOH HMDP Visiting Expert Programme in head and neck reconstruction with Dr Matthew Hanasono (2019).
- Member, Department of Surgery Morbidity and Mortality Committee; Vice-Chairman, Wound Healing Committee.

## **ADVANCED TRAINING & FELLOWSHIPS**

MOH Health Manpower Development Programme

Advanced training in lymphedema and lymphatic surgery, Tokyo, Japan

Led a multidisciplinary team for focused clinical training in contemporary lymphedema management and lymphatic microsurgery.

International Fellowship Grant

American Society for Aesthetic Plastic Surgery

Awarded an international fellowship grant enabling direct observership and training with leading aesthetic plastic surgeons in the United States.

## **RESEARCH, INNOVATION & ACADEMIC CONTRIBUTIONS**

Research interests: lymphatic surgery and imaging, supermicrosurgery, perforator-flap anatomy, lower-limb reconstruction, wound care and reconstructive innovation.

Grant Support

Principal Investigator — SingHealth Foundation Grant | 2012–2014

A study to define the anatomy of the anteromedial thigh flap with the anterolateral thigh flap for reconstruction of large soft-tissue defects Award amount: SGD 50,000

Selected Peer-Reviewed Publications

1. Yeo, J., Sun, J. M., Moo, I. H., Yuan, W., Boo, H. C., & Yeo, A. K. S. (2025). Ring-and-flap: a novel



- and accessible alternative to fix-and-flap in Gustilo IIIB-C open tibia fractures (an institutional experience). *BMC Musculoskeletal Disorders*, 26(1), 1033.
2. Sakai, H., Sun, J. M., Machida, T., Mishige, G., Yanase, S., Nomoto, S., & Yamamoto, T. (2026). Dorsal hand reconstruction with large superficial circumflex iliac artery pure skin perforator flap without high-frequency Doppler ultrasound. *Plastic and Reconstructive Surgery Global Open*, 14(3), e7580.
  3. Ng, M. J. M., Chan, S. L. S., Khin, E. Y., Tay, V. K. S., Sun, J. M., & Ho, C. W. G. (2026). Free latissimus dorsi musculocutaneous flap coverage of traumatic lower limb defect with transposition of the skin paddle: a flap within a flap. *Journal of Surgical Case Reports*, 2026(7), rjag652.
  4. Xie QP, Sun JM. The 1+X Technique: A Novel Microsurgical Approach for Secondary Lymphedema. *Journal of Plastic, Reconstructive & Aesthetic Surgery*. 2025; in press.
  5. Thng CB, Sun JM. Current Insights into Post-Traumatic Lymphedema. *Trauma Care*. 2025;5(4):24
  6. Sun, J. M., & Yamamoto, T. (2024). Thinned Perforator Flaps in Head and Neck Reconstruction. *Oral and Maxillofacial Surgery Clinics*, 36(4), 537-544.
  7. Sun JM, Yamamoto T. Primary surgical prevention of lymphedema. *Journal of the Chinese Medical Association*. 2024;87(6):561–571.
  8. Sun JM, Yamamoto T. Genital elephantiasis: surgical treatment and reconstruction. *Journal of the Chinese Medical Association*. 2024;87(2):142–147.
  9. Sun JM, Yamamoto T. Lymphovenous shunts in the treatment of lymphedema. *Journal of the Chinese Medical Association*. 2024;87(1):5–11.
  10. Hong QE, Kua JEH, Tay VKS, Chan SLS, Ho CWG, Sun JM. Utilizing the subunit concept to achieve better outcomes in lower limb reconstruction: a clinical experience in an Asian population. *Plastic and Reconstructive Surgery – Global Open*. 2024;12(4):e5752.
  11. Sun JM, Yamamoto T, Goh TL. Venous anatomy of the superficial circumflex iliac artery perforator flap: a cadaveric and clinical study. *Journal of Plastic, Reconstructive & Aesthetic Surgery*. 2024;88:1–7.
  12. Sun JM, Chew KY, Wong CH, Goh LT. Vascular anatomy of the anteromedial thigh flap. *JPRAS Open*. 2017;13:113–125.
  13. Joethy, J., Chance, G. J., Fa, J. S. M., Wong, A., & Bien-Keem, T. (2016). Using Retrograde Flow from the Descending Genicular Artery: An Additional Safety Measure in Knee Coverage. *Journal of Reconstructive Microsurgery Open*, 1(02), 128-130.



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14. Sun JM, Kua JE, Lee LS, Leo KW. The oblique rectus abdominis musculocutaneous flap for reconstruction after resection of a spermatic cord liposarcoma. Archives of Plastic Surgery. 2015;42(5):647–650.

15. Sun JM, Chong SJ, Yeow KL, Woo KY. The use of microdebrider for treatment of accessory axillary breast. Journal of Plastic, Reconstructive & Aesthetic Surgery. 2012;65(11):e301–e304.

**Book Chapters**

- Sun JM, Yamamoto T. Emerging trends in imaging for flap reconstruction. In: Landmark Papers in Plastic Surgery: Commented Guide by Authors and Experts. Springer
- Sun JM, Yamamoto T. SCIP flap. In: A to Z of Flaps. KSG Publication

**SELECTED INVITED LECTURES & SCIENTIFIC PRESENTATIONS**

| Year | Meeting                                                                  | Role / Topic                                                                                                                                                                                                                                                                           |
|------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2026 | European Federation of Societies for Microsurgery 2026                   | Invited Speaker — Cost-effectiveness of surgical prevention of breast cancer related lymphedema versus structured surveillance.<br><br>Invited Speaker — CLyVeB-AD-1 study: Early evidence of glymphatic modulation in Alzheimer's patient undergoing cervical lymphatic venous bypass |
| 2026 | Aesthetic Plastic Surgery Korea 2026                                     | Invited Speaker — Aesthetic refinements in Female to Male Gender affirming top surgery                                                                                                                                                                                                 |
| 2026 | 7 th Asia Pacific Federation of Societies of Reconstructive Microsurgery | Invited Speaker — Cost-effectiveness of surgical prevention of breast cancer                                                                                                                                                                                                           |

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|      |                                                                           |                                                                                                                               |
|------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                           | related lymphedema versus structured surveillance                                                                             |
| 2025 | 13th Annual Robotic Assisted Microsurgical & Endoscopic Society Symposium | Invited Speaker — CLyVeB-AD-1 study: Early clinical results of Lymphatic Venous bypass for Alzheimer's disease                |
| 2025 | Singhealth Duke-NUS Scientific Congress                                   | Invited Speaker — Advances in Lymphedema Management and Breast Reconstruction                                                 |
| 2024 | 43rd Congress of the Korean Society of Reconstructive Microsurgery        | Invited speaker — CLyVeB-AD-1 study: Singapore's effort to study the effects of LVA on Alzheimer's disease.                   |
| 2024 | 6th World Congress of the ASAMI-BR & ILLRS Societies                      | Oral presentation — Ring-fixator technique for Gustilo IIIB–C open tibial fractures: orthoplastic reconstructive perspective. |
| 2024 | SingHealth Duke Disease Centre (Breast) Educational Forum                 | Keynote speaker — From risk to rescue: understanding lymphedema and the current evidence.                                     |
| 2024 | GP First Forum                                                            | Invited speaker — Lymphedema: dispelling myths and misconceptions                                                             |
| 2024 | SKH Trauma Symposium                                                      | Invited speaker — Management of acute burns                                                                                   |
| 2024 | European Federation of Societies for Microsurgery                         | Keynote speaker — Subunit reconstruction of the lower limb.                                                                   |
| 2022 | International Women's Day                                                 | Invited speaker — Caring for                                                                                                  |

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|------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|      | Public Forum                                                                | your face and body: treating medical scars and loose skin                                         |
| 2019 | Wounds, Ostomy and Continence Nurses Chapter Singapore Annual Meeting       | Invited speaker — Benefits of negative-pressure wound therapy: a plastic-surgery perspective.     |
| 2019 | Joint Obesity Symposium, Asian Congress of Robotic and Laparoscopic Surgery | Invited speaker — Plastic surgery and treatment of post-bariatric patients.                       |
| 2019 | Taiwan Society of Aesthetic Plastic Surgeons International Annual Meeting   | Invited speaker — High-definition liposculpture without VASER or ultrasound-assisted liposuction. |
| 2016 | American Society for Reconstructive Microsurgery                            | Oral presentation — Venous anatomy of the SCIP flap.                                              |

**EDUCATION & TRAINING ROLES**

- Core Faculty, SingHealth Plastic Surgery Residency Programme.
- Head, Programme Evaluation Committee, Plastic Surgery Residency Programme.
- Physician Faculty, SingHealth CGH Postgraduate Year 1 Programme.
- Clinical Teacher, Lee Kong Chian School of Medicine.
- Organiser, HMDP Visiting Expert Lecture Series on head and neck reconstruction (2019).

**AWARDS & HONOURS**

- Singapore Health Quality Service Award — Gold (2022)
- SingHealth 10-Year Long Service Award (2018)
- Outstanding Resident Award (2015)