Curriculum Vitae

Personal Information		
Title (i.e. Pf., Dr., etc.)	**Dr.**	
Name (First name_Middle name_Last name)	**Ryo Karakawa**	
Degree (i.e. MD, Msc, PhD, etc.)	**MD, PhD, MBA**	
Country	**Japan**	
Affiliation	**Cancer Institute Hospital**	

Educational Background

2008-2014 M.D., The University of Tokyo, School of Medicine, Tokyo, Japan.
2020-2024 Ph.D., Tokyo Medical and Dental University, Medical and Dental Science, Tokyo, Japan.

Professional Experience

2014-2016 Japanese Red Cross Medical Center, Tokyo, Japan.
Junior Resident, Dept. of General Surgery.
2016-2018 The University of Tokyo, Tokyo, Japan.
Senior Resident, Dept. of Plastic and Reconstructive Surgery.
2018- at present Cancer Institute Hospital, Tokyo, Japan
Medical Director, Dept. of Plastic and Reconstructive Surgery
Deputy Director of Medical Device Development Research Center
Dept. of Head and Neck Surgery, Showa Univ.
2020 Ganga Hospital, Coimbatore, India
Ethicon Advanced Fellowship in Hand and Reconstructive Microsurgery

Professional Organizations

Japanese Society of Surgery, Japanese Society of Plastic Surgery, Japanese Society of Hand Surgery, Japanese Society of Oncoplastic Surgery, Japanese Society of Microsurgery, Japanese Society of Biomedical Engineering

Main Scientific Publications

1.A new method for microsurgery training using a smartphone and a laptop computer. Microsurgery. 2018 Jan;38(1):124-125 2017.
2.Karakawa R. Narushima M, Ogishima S, Hara H, Karino S, Iida T, Kakigi A, Koshima I
Free anterolateral thigh full-thickness skin flap with vascularized lateral femoral cutaneous nerve for the reconstruction of facial nerve and external auditory canal after the resection of facial nerve schwannoma. SAGE Open Med Case Rep. 2017 Nov 16;5:2050313X17741825.
3.Karakawa R, Yoshimatsu H, Iida T
Light-emitting Diode Transilluminator for the Identification of Recipient Veins in Finger Reconstruction. Plast Reconstr Surg GO. 2018 Jan 4;6(1):e1577.
4.Karakawa R, Yoshimatsu H
The Excised Super-thin Skin as a Flap Sizer for Finger and Hand Free-Mini-Flap Reconstruction. Plast Reconstr Surg GO. 2018 Apr 13;6(4):e1767.

5.Karakawa R, Yoshimatsu H, Narushima M, Iida T
Ratio of Blood Glucose Level Change Measurement for Flap Monitoring Plastic and Reconstructive Surgery GO. 2018 Jul 16;6(7):e1851.
6. Karakawa R, Yoshimatsu H, Tomoyuki Y, Sawaizumi M
Use of Laser Speckle Contrast Imaging for successful fingertip replantation. Plast Reconstr Surg GO. 2018 Sep 5;6(9):e1924.
7. Karakawa R, Yoshimatsu H, Yano T, Sawaizumi M.
Microsurgery training using Apple iPad Pro. Microsurgery. 2018 Nov;38(8):926-927.
8. Karakawa R, Yoshimatsu H, Maeda E, Shibata T, Miyashita H, Tanakura K, Yano T, Sawaizumi M.
High-pressure injection of heparinized saline for reversing refractory intraoperative phenylephrine-induced venous vasospasm. Plast Reconstr Surg. 2019 Feb; 143(2):448e-449e.
9. Karakawa R, Harima M, Iida T
Mechanical versus hand-sewn venous anastomoses in free flap reconstruction: A systematic review and meta-analysis. Plast Reconstr Surg. 2019 Feb; 143(2):441e-442e.
10. Karakawa R, Iida T, Yoshimatsu H, Kanayama K, Yamasoba T
Functional and aesthetic reconstruction for microtia using the combination of superficial circumflex iliac artery perforator superthin flap transfer and skin grafting. Plast Reconstr Surg GO. 7(7):e2312, July 2019.
11. Karakawa R, Yoshimatsu H, Miyashita H, Kuramoto Y, Shibata T, Yano T.
Successful balanced gait after reconstruction of the weight-bearing mid plantar region using a free contralateral medial plantar flap. Plast Reconstr Surg GO. 7(9):e2456, September 2019.
12. Karakawa R, Yoshimatsu H, Fuse Y, Hayashi A, Tanakura K, Heber UM, Weninger WJ, Tzou CJ, Meng S, Yano T.
The correlation of the perforators and the accessory saphenous vein in a profunda femoris artery perforator flap for additional venous anastomosis: A cadaveric study and clinical application. Microsurgery. 2020;40(2):200–206.
13. Karakawa R, Yano T, Shibata T, Miyashita H, Kuramoto Y, Yoshimatsu H.
Use of the wearable smart glasses for indocyanine green (ICG) angiography of a flap surgery. Microsurgery. 2020;40(2):276–277.
14. Tsuruta Y, Karakawa R (corresponding author), Majima K, Yamamoto S, Shibata T, Yoshimatsu H, Miyashita H, Tanakura K, Yano T.
The Reconstruction after a Giant Phyllodes Tumor Resection Using a DIEP Flap. Plast Reconstr Surg Glob Open. 2020 Apr 27;8(4):e2760.
15. Karakawa R, Yoshimatsu H, Tanakura K, Miyashita H, Shibata T, Kuramoto Y, Yano T.
An anatomical study of the lymph-collecting vessels of the medial thigh and clinical applications of lymphatic vessels preserving profunda femoris artery perforator (LpPAP) flap using pre- and intraoperative indocyanine green (ICG) lymphography. J Plast Reconstr Aesthet Surg. 2020 Sep;73(9):1768-1774.
16. Karakawa R, Yoshimatsu H, Tanakura K, Imai T, Yano T, Sawaizumi M. Triple-lobe combined latissimus dorsi and scapular flap for reconstruction of a large defect after sarcoma resection. Microsurgery. 2020 Jul 28.
17. Karakawa R, Yano T, Yoshimatsu H, Katsuta H, Kushihashi Y, Shimane T. Computer-aided Design and Syringe-aided Manufacturing for Mandibular Reconstruction Using a Vascularized Fibula Flap. Plast Reconstr Surg Glob Open. 2020 May 21;8(5):e2819
18. Karakawa R, Yoshimatsu H, Maeda E, Shibata T, Tanakura K, Kuramoto Y, Miyashita H, Yano T.
Use of the Profunda Femoris Artery Perforator Flap for Reconstruction after Sarcoma Resection. Plast Reconstr Surg Glob Open. 2020 Dec 17;8(12):e3289.
19. Karakawa R, Yoshimatsu H (equally contributed), Fuse Y, Tanakura K, Yamamoto T, Okada A, Daniel BW, Yano T.
Use of the superficial circumflex iliac artery perforator flap for reconstruction after sarcoma resection. J Surg Oncol. 2021Mar;123(4):1067-1080.
20. Karakawa R, Yoshimatsu H (equally contributed), Scaglioni MF, Fuse Y, Tanakura K, Yano T.
Application of intraoperative indocyanine green angiography for detecting flap congestion in the use of free deep inferior epigastric perforator flaps for breast reconstruction. Microsurgery. 2021 Sep;41(6):522-526.
21. Karakawa R, Yoshimatsu H, Kamiya K, Fuse Y, Yano T. Supermicrosurgical Suture-Stent Technique for A Lymphaticovenular Bypass. J Clin Med. 2021 Jun 11;10(12):2595.
22. Karakawa R, Yano T, Yoshimatsu H. Use of the wearable smart glasses for intraoperative indocyanine green (ICG) lymphography of a lymphatic surgery. Microsurgery. 2021 Oct;41(7):697-698.