

## Next-Generation Supermicrosurgery Consortium

19th Virtual Conference

**The Future of Surgery**TUE, Oct **15**, 2024 **18:00 - 20:00** (JST)**1. Opening speech****The latest insights on super microsurgery 19****Isao Koshima, MD, PhD**Professor and Center Chief,  
Department of Plastic and Reconstructive Surgery,  
International Center for Lymphedema,  
Hiroshima University Hospital**2. Invited Lecture 1****Unraveling the Mechanisms of Tissue Regeneration in Newts:  
Path Forward to Lymphatic Structures and Limb Regeneration****Mitsunaga Narushima, M.D., Ph.D.**Professor  
Department of Plastic & Reconstructive Surgery,  
Mie University Hospital**3. Invited Lecture 2****The Future of Lymphedema Care: Addressing Genital Lymphedema****Hisako Hara, M.D., Ph.D.**Chief  
Lymphatic and Reconstructive Surgery,  
JR Tokyo General Hospital**4. Invited Lecture 3****How the Surgical Assistance Robot Developed with Sony Group  
Will Transform the Future of Super-Microsurgery****Makoto Mihara, M.D., Ph.D.**Director  
Mukumi Clinic,  
Lymphedema Clinic Tokyo**5. Q&A, Panel Discussion**Panelist: Prof. Koshima, Prof. Narushima, Dr. Hara, Dr. Mihara  
We may also have additional special guests participating. Please look forward to it!**Registration and Fees : <https://cpk.jp/reg/2>**

Participation fees for organizations such as companies and public institutions are as follows: 15,000 yen per person, 28,000 yen for two people, and 40,000 yen for three people.

\*Special frequency ticket are also available. Please contact the secretariat.

\*Free for healthcare professionals, academia, and students (excluding adult students).

Seminar venue URL: <https://cpk.jp/s/2161>

Registration



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## 19th Virtual Conference | The Future of Surgery

### Outline

We have invited three distinguished speakers to deliver the keynote lectures at the 19th Virtual Conference, 'The Future of Surgery.' First, Professor Mitsunaga Narushima from the Department of Plastic and Reconstructive Surgery at Mie University Hospital will deliver a lecture inspired by the limb regeneration abilities of newts, discussing the latest trends in research on lymphatic structures and limb regeneration, and outlining a future path forward. Dr. Hisako Hara, M.D., Ph.D., Chief of Lymphatic and Reconstructive Surgery at JR Tokyo General Hospital, will give a lecture on the future of lymphedema treatment, tracing the journey of her challenges in addressing genital lymphedema. Dr. Makoto Mihara, M.D., Ph.D., Director of Mukumi Clinic, Lymphedema Clinic Tokyo is collaborating with Sony Group Corporation to develop a robot that supports super-microsurgery. Currently, skilled plastic surgeons are operating this robot and have successfully anastomosed artificial blood vessels as small as 0.3 mm. Dr. Mihara will give a lecture on the future made possible by this robot, including reducing the burden on surgeons and shortening surgery times.

President Isao Koshima (Professor of the department of Plastic and Reconstructive Surgery at Hiroshima University Hospital) of this research society will present the latest findings and global trends related to the invited lecture. After the lecture, there will be a lively online panel discussion with the speakers.

We hope you will join us for this informative event!

### Supplementary Information [Career & Achievements]



**Mitsunaga Narushima, M.D., Ph.D.** Professor  
Department of Plastic & Reconstructive Surgery, Mie University Hospital

**Profile** 2001: Graduated from Mie University Faculty of Medicine  
2005: Department of Plastic, Reconstructive and Aesthetic Surgery, The University of Tokyo Hospital  
2006: Assistant Professor, Department of Plastic, Reconstructive and Aesthetic Surgery, The University of Tokyo Hospital  
2015: Lecturer, Department of Plastic, Reconstructive and Aesthetic Surgery, The University of Tokyo Hospital  
2017: Professor, Department of Plastic and Reconstructive Surgery, Mie University Hospital

**Award** 2006: Best Paper Award, 10th International Course on Perforator Flaps in Ankara  
2008: The Naito Foundation Subsidy for Dispatch of Young Researchers Abroad Award  
2014: Traveling Fellow, Japanese Society for Reconstructive Microsurgery, etc



**Hisako Hara, M.D., Ph.D.** Chief  
Lymphatic and Reconstructive Surgery, JR Tokyo General Hospital

**Profile** 2007: Graduated from Kyushu University School of Medicine  
2009: Department of Plastic, Reconstructive and Aesthetic Surgery, The University of Tokyo Hospital  
2017: Ph.D. in Medicine, The University of Tokyo  
2018-Present: Lymphatic Surgery and Reconstructive Surgery, JR Tokyo General Hospital

**Award** 2019: Hirai Compression Therapy Award, Annual Meeting of the Japanese Society of Phlebology  
2019: 3rd Place, International Session, Japanese Society of Venous Medicine  
2021: Best Presentation Award, Annual Meeting of the Japanese Society of Lymphedema Therapy, etc  
2023: Excellent Presentation Award, Annual Meeting of the Japanese Society of Lymphedema Therapy



**Makoto Mihara, M.D., Ph.D.** Director  
Mukumi Clinic, Lymphedema Clinic Tokyo

**Profile** Since 2005, I have been mentored in super-microsurgery by Professor Isao Koshima. For nearly 20 years since then, I have been dedicated to performing super-microsurgery. I am deeply grateful for his guidance.

2002: Graduated from Fukuoka University Faculty of Medicine  
2005: Department of Plastic, Reconstructive and Aesthetic Surgery, The University of Tokyo Hospital  
2008: Research Fellow in Transplant Surgery, Harvard Medical School, Massachusetts General Hospital (MGH)  
2010: Clinical Observership in Transplant Surgery, Columbia University Medical Center, New York-Presbyterian Hospital (NYP)  
2023: Director of Muku Clinic

Currently performing the highest number of lymphaticovenous anastomosis surgeries in Japan (over 300-400 cases per year).

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