

Curriculum Vitae (CV)

Chih-Sheng Lai

48years old, Male (Date of Birth: 26th June, 1978)

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Employment History

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| Aug 2022- Present | <u>National Chung Hsing University</u> (Taichung, Taiwan) <ul style="list-style-type: none">● Assistant Professor, Department of Post-Baccalaureate Medicine, College of Medicine |
| Dec 2012 - Present | <u>Taichung Veterans General Hospital</u> (Taichung, Taiwan) <ul style="list-style-type: none">● Attending physician, Plastic and Reconstructive Surgery |
| July 2010 – Nov 2012 | <u>Taichung Veterans General Hospital</u> (Taichung, Taiwan) <ul style="list-style-type: none">● Chief resident, Plastic and Reconstructive Surgery |
| Feb 2006 – June 2010 | <u>Taichung Veterans General Hospital</u> (Taichung, Taiwan) <ul style="list-style-type: none">● Resident, General Surgery |

Education

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| Sep 1997- June 2004 | <u>Chung Shan Medical University</u> , Taichung City 40201, Taiwan |
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Board, Society Membership

2024-present	<u>International College of Surgeons, Taiwan section</u> Active Member
2022-present	<u>Taiwan Society for Burn Injuries and Wound Healing</u> Active Member
2014-present	<u>Taiwan Society for Reconstructive Microsurgery</u> Active Member
2012-present	<u>Taiwan Society of Plastic Surgery</u> Active Member
2012-present	<u>Taiwan Society for Surgery of the Hand (TSSH)</u> Active Member
2006-present	<u>Taiwan Surgical Association</u> Active Member

Papers accepted/published in peer-reviewed journal

1. Yao-ting Chang, **Chih-Sheng Lai**, Su-lan Liu, Chia-Hsun Chang*. Safety of Early Postoperative Showering in Level-1 and Level-2 Surgical Wounds: A Retrospective Study. *Journal of Comparative Effectiveness Research*. 2025 Oct;14(10):e250089. doi: 10.57264/cer-2025-0089.
2. Yi-Chia Chen, Ming-Hsien Chung, Chieh-Kai Chang, Cheng-Yeu Wu, Yi-Ling Lin, Yueh-Chi Tsai, Chen-Te Lu, I-Chen Chen, **Chih-Sheng Lai***. Robotic-assisted Technique in Plastic and Reconstructive surgery: Experience in Taiwan. *Journal of Hand and Microsurgery*, Volume 17, Issue 6, November 2025, 100332. <https://doi.org/10.1016/j.jham.2025.100332>
3. Yi-Ling Lin, I-Chen Chen, Chieh-Kai Chang, **Chih-Sheng Lai***. Successful treatment of intractable post-traumatic lymphorrhea of lower leg using staged multisite lymphaticovenous anastomoses. *Asian Journal of Surgery* 48 (2025) 630-631. <https://doi.org/10.1016/j.asjsur.2024.07.060>
4. Yan-Chiao Mao, Po-Yu Liu, Kuo-Lung Lai, Yi Luo, Kuang-Ting Chen, **Chih-Sheng Lai***. Clinical characteristics of snakebite envenomings in Taiwan. *Toxins* 2025, 17, 14. <https://doi.org/10.3390/toxins17010014>
5. Yen-L Tai, Kai-Y Cheng, Yu-C Tseng, Yi-Ting Chen, **Chih-Sheng Lai***. LVADet: A computer vision-based system for detecting lymphatic vessels in indocyanine green images. *IEEE Access*, volume 12, 2024.
6. Hsiao-Yu Lu, Yan-Chiao Mao, Po-Yu Liu, Kuo-Lung Lai, Cheng-Yeu Wu, Yueh-Chi Tsai, Jung-Hsing Yen, I-Chen Chen and **Chih-Sheng Lai***. Clinical predictors of early surgical intervention in patients with venomous snakebites. *European Journal of Medical Research* (2023) 28:131
7. **Chih-Sheng Lai**, Yi-Ting Chang, Ching-Hui Shen, Yueh-Chi Tsai, Chen-Te Lu, Jung-Hsing Yen, I-Chen Chen, Yi-Ling Line. The role of vein grafts in reconstructive head and neck microsurgery. *Braz J Otorhinolaryngol*. Volume 88, Supplement 4, November–December 2022, Pages S81-S88
8. **Chih-Sheng Lai**, Po-Yu Liu, Chi-Hsin Lee, Cheng-Hsuan Ho, Wei-Ling Chen, Kuo-Lung Lai, Hung-Yuan Su, Wen-Loung Lin, Kuo-Chen Chung, Yi-Yuan Yang, Chung-Wei You, Kuang-Ting Chen, Po-Yu Liu, Yan-Chiao Mao*. The development of surgical risk score and evaluation of necrotizing soft tissue infection in 161 Najaatra envenomed patients. *PLOS Neglected Tropical Diseases* 2022
9. **Chih-Sheng Lai**, Ching-Hui Shen, Yi-Ting Chang, Shih-An Liu, Chen-Te Lu, Yueh-Chi Tsai, I-Chen Chen, Chin-Hsing Feng, Cheng-Yeu Wu. Recipient vessel selection for multiple free flap transfers in head and neck reconstruction at different periods. *Microsurgery*. 2021;41:438–

10. **Chih-Sheng Lai**, Cheng-Yeu Wu, I-Chen Chen, Yueh-Chi Tsai. Breast Implant-Associated Anaplastic Large Cell Lymphoma (BIA-ALCL)- The First Case in Taiwan. Asian Journal of Surgery. 44(2021) 869-870. <https://doi.org/10.1016/j.asjsur.2021.03.049>.
 11. **Chih-Sheng Lai**, Shih-An Liu, Chen-Te Lu*, Yueh-Chi Tsai, Yen-Wei Chen, I-Chen Chen. Robot-assisted microvascular anastomosis in head and neck free flap reconstruction: Preliminary experiences and results. Microsurgery. 2019;39:715–720.
 12. V. Louis, **L. Chih-Sheng**, D. Chevallier, J.C. Selber, F. Xavier, P.A. Liverneaux. Aporcine model for robotic training harvest of the rectus abdominis muscle. Annales de chirurgie plastique esthétique (2018) 63, 113—116
 13. **Chih-Sheng Lai**. Experience with Robotic-assisted Microsurgery. International Microsurgery Journal. 2017;1(1):5
 14. Bijon C, **Chih-Sheng L**, Chevallier D, Tran N, Xavier F, Liverneaux P*.Endoscopic robot-assisted C7 nerve root retropharyngeal transfer from the contralateral healthy side: A cadaver feasibility study. Ann Chir Plast Esthet. Volume 63, Issue 1, February 2018, Pages 86-90.doi: 10.1016/j.anplas.2017.05.004. [Epub ahead of print].
 15. Yueh-Chi Tsai, Shih-An Liu, **Chih-Sheng Lai***, Yen-Wei Chen, Chen-Te Lu, Jung-Hsing Yen, I-Chen Chen. Functional Outcomes and Complications of Robot-Assisted Free Flap Oropharyngeal Reconstruction. Annals of Plastic Surgery.March2017. Vol.78(3 Suppl 2), S76-82.
 16. **Chih-Sheng Lai**, I-Chen Chen*, Shih-An Liu, Chen-Te Lu, Jung-Hsing Yen, Ding-Yu Song. Robot-assisted Free Flap Reconstruction of Oropharyngeal Cancer—A Preliminary Report. Annals of Plastic Surgery. May 2015. Vol.74, Supplement2, S105-108.
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