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## CURRICULUM VITAE & LIST OF PUBLICATIONS

Last name:	Tzou	
First name:	Chieh-Han John	
Academic degrees:	Priv.-Doz., Dr. med. univ., MBA / Assoc.-Prof., M.D., Ph.D., MBA	
Date of birth:	December 15th, 1974	
Place of birth:	Taipei, Taiwan	
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### LANGUAGES

German, English, Mandarin Chinese, Taiwanese

## EMPLOYMENT RECORDS

- 2017/10 – till current Director of the Plastic and Reconstructive Surgery Clinic in Hospital of Divine Savior, Teaching Hospital of MUW, Vienna, Austria.
- 2014 – till current Associate Professorship of the Medical University of Vienna, Austria.
- 2014 – 2017 Chief of the Aesthetic- & Reconstructive Facial Surgery Team at the Division of Plastic and Reconstructive Surgery, Department of Surgery, Medical University of Vienna, Austria.
- 2014 – 2017 Vice Director of the Burn Intensive Care Unit of the Plastic and Reconstructive Surgery, Medical University of Vienna, Austria.
- 2014 – 2017 Vice Director of the Plastic and Reconstructive Surgery Skin Bank, Medical University of Vienna, Austria.
- 2008 – 2017 Attending surgeon at the Division of Plastic and Reconstructive Surgery, Department of Surgery, Medical University of Vienna, Austria, Head: Univ.-Prof. Dr. Th. Rath, Univ.-Prof. Dr. C. Radtke.
- 2008 Jan Austrian board certified in Plastic, Aesthetic and Reconstructive Surgery;
- 2000 – 2008 Specialty training at the Division of Plastic and Reconstructive Surgery, Department of Surgery, Medical University of Vienna, Austria, Head: o. Univ.-Prof. Dr. M. Frey;
- 2006 – 2007 Residency at the Department of General Surgery, Hospital Landesklinikum Wiener Neustadt, Prim. Univ.-Prof. Dr. D. Depisch and Prim. Univ.-Prof. Dr. F. Längle;
- 2004 Residency at the Emergency/Trauma Hospital Lorenz Böhler, Prim. Univ.- Prof. Dr. H. Hertz;
- 2003 Residency at the Department of Emergency Medicine, Medical University of Vienna, Austria, o. Univ.-Prof. Dr. A. Laggner;
- 2002 Residency at the Institute for Anatomy, Medical University of Vienna, Austria, o. Univ.-Prof. Dr. H. Gruber;

## EDUCATION

- 1980-1992 Primary School and High School in Taipei, Taiwan & Vienna, Austria;
- 1992 June Graduation High School, BRG Vienna XIX, Billrothstraße 73;
- 1994 –1995 Tutor at the Institute for Anatomy, University of Vienna, Medical School, o. Univ.-Prof. Dr. R. Mayr;
- 1998 Jul –Sep CELT Intensive English Program, Indiana University, USA;
- 1998 Oct – 1999 Jan Massage – A Therapeutic Component in Physical Medicine, optional elective, Department of Physical Medicine and Rehabilitation, University of Vienna, Medical School, Univ.-Prof. Dr. A. Zauner-Dungl;
- 1998 –1999 Hypertension - optional elective, Department of Emergency Medicine, University of Vienna, Medical School, o. Univ.-Prof. Dr. A. Laggner;
- 2000 Feb Medical Statistics – Clinical application of computer systems, optional elective, Department of Computer Science, University of Vienna, Medical School, Dr. Walter Galler;
- 2000 Feb Title „Three-Dimensional Video Analysis of the Face“ Univ.-Prof. Dr. M. Frey, Univ.-Prof. Dr. Maria Deutinger and Univ.-Prof. Dr. P. Giovanoli; at the Division of Plastic and Reconstructive Surgery, University of Vienna, Medical School.
- 2000 Mar Graduation from Medical School, University of Vienna, Austria, with Dr. med. univ. (March 30<sup>th</sup> 2000)

## POST-GRADUATE EDUCATION

2017	Certificate in "QM ISO 9001:2015" Vienna, Austria.
2015 – 2017	MBA Healthcare Management, Vienna University of Economics and Business (WU Wien), Austria
2015	Certificate in "Leadership Curriculum" of the Medical University of Vienna, Austria.
2014	Certificate in "Quality Management ISO 9001" Vienna, Austria.
2011	Certificate in "AO Trauma Course Osteosyntheses" Graz, Austria.
2009	Certificate of Laser Handling "Laserschutzkurs", Linz, Austria.
2009	Advanced Training: "New Advances in Peripheral Nerve Surgery" at the ERASMUS Medical Center, Rotterdam, The Netherlands.
2008	Advanced Training: "New treatment in Sternal Complication" at the German Heart Center, Munich, Germany.
2003 / 2004 / 2008	Advanced training: Flap courses, Institute of Anatomy, University of Vienna, Austria
2002	Advanced training in Hand surgery, Part I, Prof. Böhler, Vienna, Austria;
2000	Executive English Public Speech Program, University of California Berkley, USA;

## ACADEMIC APPOINTMENTS

2019 October	Scientific Committee of the International Super Microsurgery Conference 2018: Jinan, China.
2018 April	Invited Speaker of the 4 <sup>th</sup> Lymphday at Wolfsberg Lymphclinic 2018: Wolfsberg, Austria.
2017 November	Invited Speaker of Annual Meeting of the German Association for Microsurgery (DAM) 2017: Freiburg, Germany.
2017 November	Invited Speaker of Annual Meeting of the Korean Plastic and Reconstructive Surgery Society 2017: Seoul, South Korea.
2017 June	Invited Faculty and Organizing Committee of World Society for Reconstructive Microsurgery 2017 (WSRM): Seoul, South Korea.
2017 May	Invited Faculty and Co-Organisator to the Facialreconstruction: A hands-on course, Vienna, Austria.
2016 Oct	Invited Faculty to 8th AOCMF Course - Advances in Flap Raising, Vienna, Austria.
2016 Apr	Invited Faculty to the Annual Meeting of the World Society for Lymph Surgery 2016, Taipei, Taiwan.
2015 and 2016	Lecturer at the Medical University of Vienna, Austria: "Reanimation des gelähmten Gesichts (Reanimation of the paralyzed face.)".
2015 Nov	Visitorship at University of Tokyo, Japan; Prof. Dr. Isao Koshima with Lymphsurgery Team (OA Pona, OA Roka, Dr. Tinhofer)
2015 Jun	Habilitation 'Venia docendi' in Plastic and Reconstructive Surgery, at the Medical University of Vienna, Austria ( = tenure review).
2014 Nov	Visitorship at Chang Gung Memorial University Hospital, Taipei, Taiwan; Prof. Dr. Fu-Chan Wei, Prof. Dr. Ming-Hui Cheng with Lymphsurgery Team (OA Pona, Dr. Steinbacher, Dr. Tinhofer).
2014 – till current	Professorship of Plastic Surgery at the Medical University of Vienna, Austria.
2014 – till current	International Coordinator of Surgical Fellowship Program at Medical University of Vienna, Austria
2012 – 2013	Fellowship Clinic and Research 2012-2013 at Chang Gung Memorial University Hospital Research, Taiwan with FWF Erwin Schrödinger

	Scholarship (Austrian Science Fund).
2011 – till current	Mentoring of plastic surgery residents (M.D.), thesis students and Ph.D. students at Medical University Vienna, Austria.
2010 – till current	QM Management Medical University of Vienna, Austria.
2006-2009	Lecturer at the Health and Nursing School of the General Hospital Vienna, Austria.
Since 2002	Lecturer of Medical Curriculum at Medical University of Vienna, Austria.

## FUNDING / SCHOLARSHIP

2016	AWARD: Best Paper at the 47 <sup>th</sup> Annual Meeting of the German Society for Plastic, Reconstructive and Aesthetic Surgeons (DGPRÄC) and 21 <sup>st</sup> Annual Meeting of the German Society for Aesthetic Plastic Surgeons in Kassel, Germany, "Innovative concepts for the reanimation of the paralyzed face.", Euro 1000,-.
2013	SCHOLARSHIP: FWF Erwin Schrödinger (Austrian Science Funds J3254): C7 Nerve Transfer in Brachial Plexus Reconstruction, Chang Gung University Hospital, Taipei, Taiwan, "The impact of different degrees of injured c7 nerve transfer: an experimental rat study.", Euro 63.200.
2012	AWARD: Theodor Billroth Award from the Austrian Society for Surgery for best surgical project, "Bridging peripheral nerve defect using a single fascicle nerve graft.", Euro 6.000,-.
2010	AWARD: Best Experimental Paper at the 48 <sup>th</sup> Annual Meeting of the Austrian Society for Plastic, Aesthetic and Reconstructive Surgery in Graz, Austria, "Influence of nerve tissue in the reconstruction of large nerve defects.", Euro 500,-.

## VOLUNTEER EXPERIENCE

- 2017 August                      Vienna Korean Church Humanitarian Medical Mission: Tirana, Albania  
2016 August                      Taiwan Root Medical Peace Corp Mission: Miao Li, Taiwan

## MEMBERS / AFFILIATIONS

- American Society for Reconstructive Microsurgery (ASRM)
- Austrian Plastic, Aesthetic and Reconstructive Surgery Society (ÖGPÄRCH)
- Austrian Surgery Society (ÖGC)
- Fu-Chan Wei Club (FCWC)
- German Association for Microsurgery (DAM)
- INTERPLAST Germany e.V.
- Taiwan Society for Reconstructive Microsurgery (TSRM)
- World Society of Lymphedema Surgery (WSLS)
- World Society of Reconstructive Microsurgery (WSRM)

## EDITORIAL ACTIVITIES

- Editorial Board Member International Microsurgery Journal (IMJ)
- Editorial Board Member Advances in Plastic and Reconstructive Surgery (APRS)
- Editorial Board Member Journal of Dermatology and Plastic Surgery
- Editorial Board Member JSM Head and Face Medicine
- Editorial Board Member Archives of Craniofacial Surgery
- Editorial Board Member Archives of Plastic Surgery

## PUBLICATIONS

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<https://www.ncbi.nlm.nih.gov/pubmed/?term=tzou-ch>

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## JOURNALS 1<sup>ST</sup> AUTHOR

**Tzou CH**, Lu CJ, Chang TN, Chuang DC. Can an injured nerve be used as a donor nerve for distal nerve transfer?-An experimental study in rats. *Microsurgery*. Sep 2017;37(6):647-654.

**Tzou CH**, Meng S, Tinhofer I., Reissig L., Pichler U., Steinbacher J., Pona I., Roka-Palkovits J., Rath T., Weninger W., Cheng MH.. Surgical Anatomy of the Vascularized Submental Lymph Node Flap: Anatomic Study of Correlation of Submental Artery Perforators and Quantity of Submental Lymph Node. *Journal of Surgical Oncology*. J Surg Oncol. 2016 Jun 23. doi: 10.1002/jso.24336.

**Tzou CH**, Yang T-Y, Chung Y-C. Evaluation of Heat Transfer in Acupuncture Needles: Convection and Conduction Approaches. *Journal of acupuncture and meridian studies*. 4// 2015;8(2):77-82.

**Tzou CH**, Chuang DC, Chang NJ, Liu JY. The Impact of Different Degrees of Injured C7 as A Motor Nerve for Transfer: an Experimental Rat Study. *Plastic and Reconstructive Surgery Global Open*. 2014 Nov 7;2(10):e230.

**Tzou CH**, Paternostro-Sluga T, Frey M, Aszmann OC. Can obstetrical brachial plexus palsy be caused by a cervical rib? *Eur Surg*. 2014/06/07 2014;46:119-127.

**Tzou CH**, Paternostro-Sluga T, Frey M, Aszmann OC. Birth brachial plexus palsy caused by cervical rib. *J Plast Reconstr Aesthet Surg*. Jul 2014;67(7):1004-1005.

**Tzou CH**, Artner, N., Kropatsch, W., et al. Comparison of 3D Surface-Imaging Systems Technologies. *J Plast Reconstr Aesthet Surg*, 2014 Apr;67(4):489-97. DOI: 10.1016/j.bjps.2014.01.003. Epub 2014 Jan 15.

**Tzou CH**, Chuang, D. C., Chen, H. Y. Cortical Adaptation Staging System: A New and Simple Staging for Result Evaluation of Functioning Free-Muscle Transplantation for Facial Reanimation. *Ann Plast Surg*, 2014 Jul;73(1):50-3.

**Tzou CH**, Chuang, D. C., Chen, H. H. Facial Paralysis Grading System: A New and Simple Smile Excursion Score for Evaluating Facial Reanimation Surgery. *Ann Plast Surg*, 2015 Feb;74(2):210-3. doi: 10.1097/SAP.0b013e318295dec2.

**Tzou CH**, Aszmann, O. C. Reanimation of the Paralyzed Face: Radial Forearm-Pronator Quadratus Muscle Flap. *JAMA facial plastic surgery*, Sep-Oct;15(5):388-90, 2013.

**Tzou CH**, Artner, N., Kropatsch, W., et al. Three-dimensional surface-imaging systems. *Plast Reconstr Surg* 131: 668e-670e, 2013.

**Tzou CH**, Pona I, Placheta E, Hold A, Michaelidou M, Artner N, Kropatsch W, Gerber H,



Frey M. Evolution of the 3-D Video System for Facial Motion Analysis – Ten Years' Experiences and Recent Developments. *Ann Plast Surg* 69: 173-185, 2012.

**Tzou CH**, Frey M. Evolution of 3D Surface-Imaging Systems in Facial Plastic Surgery – A Review of Recent Technologies. *Facial plastic surgery clinics of North America* 19: 591-602, 2011.

**Tzou CH**, Aszmann O., Frey M. Bridging peripheral nerve defect using a single-fascicle nerve graft. *Plastic and reconstructive surgery* 128: 861-869, 2011.

**Tzou, CH**, Giovanoli, P., Ploner, M., Frey, M., Are there ethnic differences of facial movements between Europeans and Asians? *Br J Plast Surg.* 2005 Mar;58(2):183-95.

**Tzou, CH**, P. Giovanoli, D. Valentini, M. Frey, Komplikationen durch alloplastische Materialien und deren Lösung. *Acta Chirurgica Austriaca.*2001.p. 14.

#### JOURNALS SENIOR-AUTHOR

Györi E, Przeszelski C, Pona I, Hagmann M, Rath T, Radtke C, **Tzou CH**. Quality of life and functional assessment of facial palsy patients: A questionnaire study. *International Journal of Surgery.* 2018;55:92-97.

Yoshimatsu H, Steinbacher J, Meng S, Hamscha UM, Weninger WJ, Tinhofer IE, Yamamoto T, Iida T, **Tzou CH**. Feasibility of Bone Perfusion Evaluation in Cadavers Using Indocyanine Green Fluorescence Angiography. *Plastic and reconstructive surgery. Global open.* Nov 2017;5(11):e1570.

Steinbacher J, Yoshimatsu H, Meng S, Hamscha UM, Chan CS, Weninger WJ, Wu CT, Cheng MH, **Tzou CH**. Visualization of Skin Perfusion by Indocyanine Green Fluorescence Angiography-A Feasibility Study. *Plastic and reconstructive surgery. Global open.* Sep 2017;5(9):e1455.

Nickl S, Steindl J, Langthaler D, Nierlich-Hold A, Pona I, Hitzl W, Kocher A, Happak W, Radtke C, **Tzou CH**. First Experiences with Incisional Negative Pressure Wound Therapy in a High-Risk Poststernotomy Patient Population treated with Pectoralis Major Muscle Flap for Deep Sternal Wound Infection. *J Reconstr Microsurg.* Oct 09 2017.

Tinhofer IE, Meng S, Steinbacher J, Roka-Palkovits J, Györi E, Reissig LF, Cheng MH, Weninger WJ, **Tzou CH**. The surgical anatomy of the vascularized lateral thoracic artery lymph node flap-A cadaver study. *Journal of surgical oncology.* Aug 07 2017.

Placheta E, Tinhofer I, Schmid M, Reissig LF, Pona I, Weninger W, Rath T, Chuang DC, **Tzou CH**. The Spinal Accessory Nerve for Functional Muscle Innervation in Facial Reanimation Surgery: An Anatomical and Histomorphometric Study. *Ann Plast Surg.* Dec 2016;77(6):640-644.

Rodriguez-Lorenzo A, Jensson D, Weninger WJ, Schmid M, Meng S, **Tzou CH**. Platysma Motor Nerve Transfer for Restoring Marginal Mandibular Nerve Function. *Plastic and Reconstructive Surgery – Global Open*. 2016;4(12):e1164.

Placheta E, Tinhofer I, Schmid M, Reissig LF, Pona I, Weninger W, Rath T, Chuang DC, **Tzou CH**. The Spinal Accessory Nerve for Functional Muscle Innervation in Facial Reanimation Surgery: An Anatomical and Histomorphometric Study. *Ann Plast Surg*. Dec 2016;77(6):640-644.

Steinbacher J, Rath T, **Tzou CH**. Aplasia cutis congenita. *Handchir Mikrochir plast Chir*. 22.08.2016 2016;48(04):239-243.

Steinbacher J, Tinhofer IE, Meng S, Reissig LF, Placheta E, Roka-Palkovits J, Rath T, Cheng MH, Weninger WJ, **Tzou CH**. The surgical anatomy of the supraclavicular lymph node flap: A basis for the free vascularized lymph node transfer. *J Surg Oncol*. 2016 Jun 28. doi: 10.1002/jso.24346.

Steinbacher J, **Tzou CH**. In-flight rupture of breast implant pocket. *Journal of Plastic, Reconstructive & Aesthetic Surgery*. 11// 2014;67(11):e289-e290.

#### JOURNALS CO-AUTHOR

Tinhofer IE, Zaussinger M, Geyer SH, Meng S, Kamolz LP, **Tzou CH**, Weninger WJ. The dermal arteries in the cutaneous angiosome of the descending genicular artery. *Journal of anatomy*. Feb 14 2018.

Kwon SH, Lee CH, Hsu AT, Shafarenko M, Omar UF, **Tzou CH**, Roka-Palkovits J, Beltran PA, Liakos D, Chang TN. Use of Social Media and an Online Survey to Discuss Complex Reconstructive Surgery: A Case of Upper Lip Reconstruction with 402 Responses from International Microsurgeons. *J Reconstr Microsurg*. Feb 2 2018.

Weiss T, Taschner-Mandl S, Bileck A, Slany A, Kromp F, Rifatbegovic F, Frech C, Windhager R, Kitzinger H, **Tzou CH**, Ambros PF, Gerner C, Ambros IM. Proteomics and transcriptomics of peripheral nerve tissue and cells unravel new aspects of the human schwann cell repair phenotype. *Glia*. 2016 Aug 22. doi: 10.1002/glia.23045.

Tinhofer IE, **Tzou CH**, Duscher D, Pollhammer MS, Weninger WJ, Huemer GM, Schmidt M. Vascular territories of the medial upper arm-an anatomic study of the vascular basis for individualized flap design. *Microsurgery*. Sep 2017;37(6):618-623.

Meng S, Reissig LF, **Tzou CH**, Meng K, Grisold W, Weninger W. Ultrasound of the Hypoglossal Nerve in the Neck: Visualization and Initial Clinical Experience with Patients. *AJNR. American journal of neuroradiology*. Feb 2016;37(2):354-359.

Meng S, Reissig LF, Beikircher R, **Tzou CH**, Grisold W, Weninger WJ. Longitudinal

Gliding of the Median Nerve in the Carpal Tunnel: Ultrasound Cadaveric Evaluation of Conventional and Novel Concepts of Nerve Mobilization. *Archives of Physical Medicine and Rehabilitation*. 2015 doi:10.1016/j.apmr.2015.08.415

Placheta E, **Tzou CH**, Hold A, Pona I, Frey M. Facial synkinesia before and after surgical reanimation of the paralyzed face. *Plast Reconstr Surg*. Jun 2014;133(6):842e-851e.

Frey, M., **Tzou, CH**, Michaelidou, M., et al. 3D video analysis of facial movements. *Facial Plast Surg Clin North Am* 19: 639-646, viii, 2011.

Michaelidou, M., Herceg, M., Schuhfried, O., **Tzou CH**, et al. Correlation of functional recovery with the course of electrophysiological parameters after free muscle transfer for reconstruction of the smile in irreversible facial palsy. *Muscle Nerve* 44: 741-748, 2011.

Frey M, Michaelidou M, **Tzou CH**, Hold A, Pona I, Placheta E. Proven and innovative techniques for reanimation of the paralyzed face. *Handchir Mikrochir Plast Chir*. 2010 Apr;42(2):109-14. Epub 2010 Mar 3. German.

Michaelidou M, **Tzou CH**, Gerber H, Stüssi E, Mittlböck M, Frey M. The combination of muscle transpositions and static procedures for reconstruction in the paralyzed face of the patient with limited life expectancy or who is not a candidate for free muscle transfer. *Plast Reconstr Surg*. 2009 Jan;123(1):121-9.

Frey M, Michaelidou M, **Tzou CH**, Pona I, Mittlböck M, Gerber H, Stüssi E. Three-dimensional video analysis of the paralyzed face reanimated by cross-face nerve grafting and free gracilis muscle transplantation: quantification of the functional outcome. *Plast Reconstr Surg*. 2008 Dec;122(6):1709-22

Michaelidou, M., Giovanoli, P., **Tzou, CH**, Frey, M., Evidence-based treatment of irreversible facial palsy by the use of three-dimensional video-analysis of facial movements (111). *ACA – European Surgery – Acta Chirurgica Austriaca*, 2006: 41.

Frey, M., Giovanoli, P., **Tzou, CH**, Kropf, N., Friedl, S., Dynamic reconstruction of eye closure by muscle transposition or functional muscle transplantation in facial palsy. *Plast Reconstr Surg*. 2004 Sep 15;114(4):865-75.

Giovanoli, P., **Tzou, CH**, Ploner, M., Frey, M., Three-dimensional video-analysis of facial movements in healthy volunteers. *Br J Plast Surg* 2003; 56(7):644-52.

## BOOKCHAPTERS

Frey, M., Giovanoli, P., Michaelidou, M., **Tzou, CH**, Kitzinger, H.B., Measurements of

facial movements. The Facial Palsies. Lemma Publisher (ISBN13 978-90-5931-350-7) – Utrecht, 2005 :35-49.

Cheng, M.H., **Tzou, CH**, Transfer of lymph node tissue: My approach Chapter 31. Oncoplastic and Reconstructive Management of the Breast: A Multidisciplinary Approach, Third Edition, Eds. Kronowitz S.J., Benson J.R., Nava M.B., Taylor & Francis Group, LLC Publisher (ISBN-13: 978-1498740715) - Boca Raton, Florida, U.S.A. (In Press 2017).

Vienna, in July 2018