

## \* 鄭明輝醫師

### 所有發表期刊論文

#### Major Publications

Professor Cheng has authored 28 book chapters, and 170 peer reviewed papers, and edited 1 textbook (Principles and Practice of Lymphedema Surgery, 2015).

1. Uriel S, Huang JJ, Moya ML, Francis ME, Wang R, Chang SY, Cheng MH\*, Brey EM. The role of adipose protein derived hydrogels in adipogenesis. *Biomaterials*. 2008 Sep; 29(27):3712-3719. (SCI; IF=7.604; Engineering, Biomedical 3/79)
2. Bernier C, Hsu YH, Ali R, Cheng MH\*. The plastic surgeon's role in extracranial-intracranial bypass using a reverse great saphenous vein graft. *Plast Reconstr Surg*. 2009 Feb; 123(2):517-523; discussion 524. (SCI; IF = 3.535; Surgery 13/198)
3. Cheng MH\*, Saint-Cyr M, Chang KP, Hao SP, Wei FC. Osteomyocutaneous peroneal artery-based combined flap for reconstruction of composite and en bloc mandibular defects. *Head Neck*. 2009 March; 31(3): 361-370. (SCI; IF = 2.833; Otorhinolaryngology 3/43)
4. Lin CH, Ali R, Chen SC, Wallace C, Chang YC, Chen HC, Cheng MH\*. Vascularized groin lymph node transfer using the wrist as a recipient site for management of postmastectomy upper extremity lymphedema. *Plast Reconstr Surg*. 2009 Apr; 123(4):1265-1275. (SCI; IF = 3.535; Surgery 13/198)
5. Cheng MH, Brey EM, Allori AC, Gassman A, Chang DW, Patrick CW Jr, Miller MJ\*. Periosteum Guided Prefabrication of Bone of Clinical Shape and Volume. *Plast Reconstr Surg*. 2009 Sep; 124(3): 787-795. (SCI; IF = 3.535; Surgery 13/198)
6. Moya ML, Cheng MH, Huang JJ, Francis-Sedlak M, Kao SW, Opara EC, Brey EM\*. The Effect of FGF-1 Loaded Alginate Microbeads on Neovascularization and Adipogenesis in a Vascular Pedicle Model of Adipose Tissue Engineering. *Biomaterials*. 2010 Apr; 31(10):2816-26. (SCI; IF=7.604; Engineering, Biomedical 3/79) (*Cheng MH and Moya ML contributed equally to this work*)
7. Nguyen DH, Lee CL, Wu KY, Cheng MH\*. A novel approach to cervical reconstruction using vaginal mucosa-lined polytetrafluoroethylene graft in congenital agenesis of the cervix. *Fertil Steril*. 2011 Jun;95(7):2433.e5-8. (SCI; IF = 4.174; Obstetrics & gynecology 4/77)
8. Cheng MH\*, Huang JJ, Nguyen DH, Saint-Cyr M, Zenn MR, Tan BK, Lee CL. A Novel Approach to the Treatment of Lower Extremity Lymphedema by Transferring a Vascularized Submental Lymph Node Flap to the Ankle. *Gynecol Oncol*. 2012 Jul;126(1):93-8. (SCI; IF = 3.929; Obstetrics and Gynecology 5/77)
9. Cheng MH\*, Chen SC, Steven L.H, Tan BK Tan, Lin CY, Huang JJ. Vascularized groin lymph node flap transfer for postmastectomy upper limb lymphedema: flap anatomy, recipient sites, and outcomes. *Plast Reconstr Surg*. 2013 Jun;131(6):1286-98. (SCI; IF = 3.535; Surgery 13/198)
10. Tsao CK, Ko CY, Yang SR, Yang CY, Brey EM, Huang S, Chu IM, Cheng MH\*. Investigation of an Ectopic Approach for Engineering a Vascularized Tracheal Substitute. *Biomaterials*. 2014 Jan;35(4):1163-75. (SCI; IF=7.604; Engineering, Biomedical 3/79)

#### Book Chapters

1. Cheng MH, Ulusal BG. Perforator flaps. In *Plastic and Reconstructive Surgery Board Review: Pearls of Wisdom*. Samuel J. Lin and John B. Hijjawi (Editors). 2005. McGraw Hill. Pp 449- 458.
2. Mardini S, Wei FC, Cheng MH. The free style free flap. In *Perforator flap*. Blondeel PN, Morris SF, Hallock GG, and Neligan PC (Editors). 2005. Quality Medical Publishing, Inc. St. Louis, Missouri.
3. Huang JJ, Cheng MH. Reconstruction of buccal mucosa. In *Microsurgical Reconstruction of the Head and Neck*. Neligan P and Wei FC (Editors). 2009. Quality Medical Publishing, Inc. St. Louis, Missouri.

4. [Cheng MH](#). Breast reconstruction using deep inferior epigastric perforator flap (Video). In *Flaps and Reconstructive Surgery*. Samir Madini and Fu-Chan Wei (Editors). 2009. Atlas of Microsurgical Flap Techniques, Mosby, Inc.
5. [Cheng MH](#), Uriel S, Brey EM. Tissue-Derived Materials for Adipose Regeneration. In *Bioengineering Research of Chronic Wounds, SMTEB*. A. Gefen (Editor). 2009. Springer-Verlag Berlin Heidelberg, Berlin, Heidelberg.
6. [Cheng MH](#), Huang JJ. Breast reconstruction utilizing gluteal flaps. In *Aesthetic and Reconstructive Surgery of the Breast*. Hall-Findlay E and Evans G (Editors). 2010. Elsevier Inc, Oxford, United Kingdom.
7. [Cheng MH](#), Huang JJ. Perforator Flaps. In *Plastic and Reconstructive Surgery Board Review: Pearls of Wisdom, Second Edition*. Samuel J. Lin and John B. Hijjawi (Editors). 2011. McGraw-Hill.
8. [Cheng MH](#), Huang JJ. Oral cavity and mandible reconstruction. In *Plastic Surgery 3<sup>rd</sup> edition*. Peter Neligan (Chief Editor), Eduardo Rodriguez (Editor in Head and Neck). 2012. Elsevier Inc, Oxford, United Kingdom.
9. [Cheng MH](#), Nguyen DH, Huang JJ. Chapter 77: Vascularized Groin Lymph Node Flap for Treatment of Lymphedema. In *Perforator Flaps: Anatomy, Technique, & Clinical Applications, 2nd Edition*. Phillip N. Blondeel, Steven F. Morris, Geoffrey G. Hallock, Peter C. Neligan (Editors). 2013. Quality Medical Publishing, Inc. St. Louis, Missouri.
10. [Cheng MH](#), Chang YM. Primary dental implants during maxillary reconstruction. In *Current Head and Neck Reconstruction*. Peirong Yu (Editor). People's Medical Publishing House in China.
11. Kao HK, [Cheng MH](#). Lip reconstruction with free flaps. In *Current Head and Neck Reconstruction*. Peirong Yu (Editor). People's Medical Publishing House in China.
12. Huang JJ, [Cheng MH](#). Buccal and cheek reconstruction. In *Current Head and Neck Reconstruction*. Peirong Yu (Editor). People's Medical Publishing House in China.
13. [Cheng MH](#), Nguyen DH. Chapter 24: Lymph Node Transfer for Lymphedema. In *Operative Microsurgery: Upper and Lower Extremities* edited by Brian Boyd and Nell Jones. McGraw-Hill. New York.
14. Leila Kolios, [Cheng MH](#). Chapter 15: Microsurgical Reconstruction for Defects of Oral Cavity. In *Oral Cancer: Symptoms, Management and Risk Factors*. Hao SP (Editor). Nova Science Publishers. New York.
15. Leila Kolios, [Cheng MH](#). Mastopexy. In *Operative Procedures in Plastic, Aesthetic, and Reconstructive Surgery*. Thaller SR, Salgado CJ, Kasira W, and Hoschander AS (Editors). Informa Healthcare Books. London, UK.
16. [Cheng MH](#), Chang YM. Primary dental implants during maxillary reconstruction. In *Current Head and Neck Reconstruction*. Peirong Yu (Editor). People's Medical Publishing House in China.
17. Kao HK, [Cheng MH](#). Lip reconstruction with free flaps. In *Current Head and Neck Reconstruction*. Peirong Yu (Editor). People's Medical Publishing House in China.
18. Sheng-Po Hao, [Cheng MH](#). Chapter 131: Surgery of the Mouth. In *Surgery. 2nd edition*. Corson JD and Williamson RCN. (Ediors). JP Medical Inc. Philadelphia, PA, USA.
19. Huang JJ, [Cheng MH](#). Buccal and cheek reconstruction. In *Current Head and Neck Reconstruction*. Peirong Yu (Editor). People's Medical Publishing House in China.
20. [Cheng MH](#), Huang JJ. Chapter 51: Special Considerations in Asian Breast Surgery. In *Aesthetic Plastic Surgery in Asians: Principles and Techniques*. Lee L. Q. Pu, Chen YR, Li QF, Wu W T. L., Park DH, Takayanagi S, and Wei FC. (Ediors). CRC Press, Boca Raton, FL, 2015.
21. Huang JJ, [Cheng MH](#). Chapter 61: Breast reconstruction with microsurgical flap. In *Aesthetic Plastic Surgery in Asians: Principles and Techniques*. Lee L. Q. Pu, Chen YR, Li QF, Wu W T. L., Park DH, Takayanagi S, and Wei FC. (Ediors). CRC Press, Boca Raton, FL, 2015.
22. Wu CW, [Cheng MH](#). Chapter 62: Breast reconstruction with implants. In *Aesthetic Plastic Surgery in Asians: Principles and Techniques*. Lee L. Q. Pu, Chen YR, Li QF, Wu W T. L., Park DH, Takayanagi S, and Wei FC. (Ediors). CRC Press, Boca Raton, FL, 2015.

23. Chen WF, **Cheng MH**. Chapter 6: Vascularized lymph node transfer: rationale for distal transfer. In *Emerging Techniques in Lymphatic Surgery*. Dayan J, Cheng MH and Chang DW. (Editors). Jaypee Brothers Medical Publishers, Philadelphia, PA, USA.
24. Constantinescu T, **Cheng MH**. Venus Salvage Procedures in DIEP for Breast Reconstruction. In *Perforator Flaps for Breast Reconstruction*. Levine JL, Vasile J, Chen C, and Allen RJ. (Editors). Thieme Medical Publishers, Inc. NY, USA.
25. Tobbia D, **Cheng MH**. Vascularized Groin Lymph Node Flap Transfer for Post mastectomy Upper Limb Lymphedema. In *Grabb's Encyclopedia of Flaps, 4<sup>th</sup> edition*. Strauch B, Vasconez LO, Lee BT, and Herman CK (Editors). Wolters Kluwer, Philadelphia, PA, USA. 2015.
26. Huang JJ, **Cheng MH**, Chapter 76: Perforator Flaps. In: *Pearls of Wisdom: Plastic and Reconstructive Surgery Board Review*. 3<sup>rd</sup> edition. Lin SJ and Hijjawi JB (Editors). McGraw-Hill, New York.
27. Ito R, **Cheng MH**. Managing upper limb lymphedema with lymph node transfer. In *Oncologic Breast Reconstruction*. Peirong Yu (Editor). People's Medical Publishing House in China. 2015
28. Browne T, **Cheng MH**. Chapter 3: Microsurgical reconstruction after oncological resection. In *From Auto-to-Allo transplantation, Section I*. Wei FC (Editor). Karger Publishers. Basel, Switzerland.
29. **Cheng MH**, Huang JJ. Chapter 11: Oral cavity, tongue, mandibular reconstructions. In: *Plastic Surgery*. Volume 3, 4<sup>th</sup> edition. Neligan P (Chief editor), Eduardo Rodriguez (Volume editor). Elsevier Inc, Oxford, United Kingdom.
30. Tzou CHJ, **Cheng MH**. Transfer of lymph node tissue – my approach. In *Oncoplastic and Reconstructive Management of the Breast: A Multidisciplinary Approach*. CRC Press, Boca Raton, FL, 2015.

#### American Society of Plastic Surgeons (ASPS) meeting 2013.10.12~15

1. Indications and Outcomes of Prophylactic and Therapeutic Extracranial-to-Intracranial Arterial Bypass for Cerebral Revascularization: A New Frontier for the Reconstructive Microsurgeon
2. Vascularized Lymph Node Flap Transfer for Upper and Lower Limb Lymphedema
3. Monitoring Patient-Centered Outcomes Through The Progression Of Breast Reconstruction: A Multi-Centered Prospective Longitudinal Evaluation
4. Lymph node transfer ChangGung Style
5. New Technologies in Lymphedema
6. Establishing A Lymphedema Rat Model for Vascularized Lymph Nodes Transfer
7. Evaluation of the Effect of Vascularized Lymph Nodes Transfer on Lymphatic Drainage and Local Immune Function in An Experimental Rat Lymphedema Model
8. Asian Symposium for Breast Plastic and Reconstructive Surgery (ASBPRS) meeting 2013.10.16~18
9. Recent Advanced in Breast Reconstruction at CGMH

#### Papers on Breast Reconstruction

1. Remote Real-Time Monitoring of Free Flaps via Smartphone Photography and 3G Wireless Internet- A Prospective Study Evidencing Diagnostic Accuracy [Read More](#)
2. Bilateral Breast Revision Augmentation With Deep Inferior Epigastric Perforators/Superficial Inferior Epigastric Artery Flaps [Read More](#)

3. Surgical strategies to salvage the venous compromised deep inferior epigastric perforator flap [Read More](#)
4. Augmentation Mammoplasty in Asian Women [Read More](#)
5. Bilateral Breast Reconstruction Using Bilateral Anterolateral Thigh Flaps [Read More](#)
6. Contralateral Breast Reduction Mastopexy with Unilateral Breast Reconstruction [Read More](#)
7. One-Stage Immediate Breast Reconstruction With Implant Following Skin-Sparing Mastectomy in Asian Patients [Read More](#)
8. Nipple Reconstruction Using the Modified Top Hat Flap With Banked Costal Cartilage Graft [Read More](#)
9. Breast Reconstruction Using the Entire Transverse Abdominal Adipocutaneous Flap Based on Unilateral Superficial or Deep Inferior Epigastric Vessels [Read More](#)
10. Comparisons of Resource Costs and Success Rates between Immediate and Delayed Breast Reconstruction Using DIEP or SIEA Flaps under a Well-Controlled Clinical Trial [Read More](#)
11. Simultaneous Endoscope-Assisted Contralateral Breast Augmentation with Implants in Patients Undergoing Postmastectomy Breast Reconstruction with Abdominal Flaps [Read More](#)
12. Deep Inferior Epigastric Perforator Flap for Successful Simultaneous Breast and Chest Wall Reconstruction in a Poland Anomaly Patient [Read More](#)
13. Nipple Reduction Using the Modified Top Hat Flap [Read More](#)
14. Reliability of zone IV in the deep inferior epigastric perforator flap: A single center's experience with 74 cases [Read More](#)
15. Nipple reconstruction in Asian females using banked cartilage graft and modified top hat flap [Read More](#)
16. Anterolateral Thigh Flap for Postmastectomy Breast Reconstruction [Read More](#)
17. Breast Cancer Recurrence after Immediate Reconstruction: Patterns and Significance [Read More](#)

#### Papers on Lymphedema

1. From Theory to Evidence- Long-Term Evaluation of the Mechanism of Action and Flap Integration of Distal Vascularized Lymph Node Transfers [Read More](#)
2. Lymphedema QoL [Read More](#)
3. The Mechanism of Vascularized Lymph Node Transfer for Lymphedema - Natural Lymphatico-Venous Drainage. [Read More](#)
4. Vascularized Lymph Node Flap Transfer and Lymphovenous Anastomosis for Klippel- Trenaunay Syndrome with Congenital Lymphedema [Read More](#)
5. Preplanning Vascularized Lymph Node Transfer with Duplex Ultrasonography- An Evaluation of 3 Donor Sites [Read More](#)
6. The use of magnetic resonance angiography in vascularized groin lymph node transfer(an anatomic study [Read More](#)
7. Vascularized Groin Lymph Node Flap Transfer for Postmastectomy Upper Limb Lymphedema- The Flap Anatomy, Recipient Sites, and Outcomes [Read More](#)
8. A Novel Approach to the Treatment of Lower Extremity Lymphedema by Transferring a Vascularized Submental Lymph Node Flap to the Ankle [Read More](#)
9. Vascularized Groin Lymph Node Flap for Treatment of Lymphedema [Read More](#)
10. Vascularized groin lymph node transfer using the wrist as a recipient site for management of postmastectomy upper extremity lymphedema [Read More](#)