



Su-Shin Lee M.D. / Associate Professor

Department of Surgery
Graduate Institute of Clinical Medicine
Center for Stem Cell Research

Kaohsiung Medical University

Current position

Director, Operation room, Kaohsiung Medical University Hospital
Director, Burn Center, Kaohsiung Medical University Hospital
Associate Professor/Attending Staff, Division of Plastic Surgery, Department of Surgery, Kaohsiung Medical University Hospital, Kaohsiung

Education and Past position

1986 – 1993, School of Medicine, Kaohsiung Medical College, Kaohsiung, Taiwan
1994 – 2000, Plastic surgery resident training, Kaohsiung Medical University Hospital
2002.Dec. – 2003.Feb. Visiting Scholar in Craniofacial Surgery (Professor Yu-Ray Chen, M.D.) , Chang Gung University, Taiwan
2006, Aug. – 2007, Aug. Visiting Scholar in Craniofacial Surgery (Professor John A. Persing, M.D., FACS) Yale University, Section of Plastic Surgery, USA
2008-2010, Acting Director, Chief, Division of International Collaboration,
Chief, Division of International Exchange,
Center for International Affairs, Kaohsiung Medical University
2010-2013, Director, Surgical Skill Training Center , Kaohsiung Medical University Hospital
2005-2010, Assistant Professor of Surgery, Kaohsiung Medical University,

Honors and Awards

2007 Award of the Outstanding Thesis of the Year, International College of Surgery, Taiwan Section
2007 Outstanding Teaching Staff, Kaohsiung Medical University Hospital
2008 Award of the Outstanding Thesis of the Year, International College of Surgery, Taiwan Section
2008 Outstanding Teaching Staff, Kaohsiung Medical University Hospital
2008 The Best Teacher Award(優良教師), Kaohsiung Medical University
2008 Outstanding Mentor Award(優良輔導老師), Kaohsiung Medical University
2009 Award of the Outstanding Thesis of the Year, International College of Surgery, Taiwan Section
2010 Outstanding Teaching Staff, Kaohsiung Medical University Hospital
2010 Confucius Award(孔夫子獎), College of Medicine, Kaohsiung Medical University
2012 Award of the Outstanding Thesis of the Year, International College of Surgery, Taiwan Section
2012 Outstanding Teaching Staff, Kaohsiung Medical University Hospital
2013 The Best Teacher Award(優良教師), Kaohsiung Medical University
2014 FJS The Best Thesis of the year. Taiwan Surgical Association.
2013 Excellent Teacher Award(傑出教師), Kaohsiung Medical University.

Current Research Interests

Craniofacial surgery, Difficult Wound therapy, Hyper Baric Oxygen therapy, Tophus Surgery

Publications

1. Chen MC, **Lee SS***, Hsieh YL, Wu SJ, Lai CS, Lin SD (2008) Influencing factors of outcome after lower-limb amputation: a five-year review in a plastic surgical department. *Ann Plast Surg* Sep;61(3):314-318. **SCI**
2. **Lee SS**, Persing JA* (2008) Refinement in Technique for Pediatric Dermoid Cyst Excision; Technical Note. *Plast Reconstr Surg* Oct;122(4):1059-61. **SCI**
3. **Lee SS***, Chang KP, Lai CS, Lin SD (2008) Does continuous negative-pressure and irrigation treatment really rinse the whole closed wound? *Plast Reconstr Surg* July; 122(1): 319-320. **SCI**
4. Sun IF, **Lee SS***, Lin SD, Lai CS (2008) Hyperbaric oxygen therapy with topical negative pressure – an alternative treatment for the refractory sternal wound infection. *J Cardiac Surg*. Nov 1;23(6):677-680. **SCI**
5. McIntosh BC, **Lee SS**, Ball LL, Persing JA*. (2008) Utilization of postcranioplasty skull molding caps in the treatment of apert syndrome. *J Craniofac Surg* Nov;19(6):1566-70. **SCI**
6. **Lee SS**, Chen MC, Chen LS, Hsu PL, Sun IF, Lai CS*(2008) Experiences of Inter-professional Implementation of “Healthcare Matrix” *Kaohsiung J Med Sci*. Dec 24:634-639. **SCI**
7. **Huang SH, Wu SH, Sun IF, Lee SS, Lai CS, Lin SD, Lin TM** (2008) AQUACEL Ag in the treatment of toxic epidermal necrolysis (TEN) *Burns*. 2008 Feb;34(1):63-6 **SCI**
8. **Lee SS**, Huang SH, Wu SH, Sun IF, Chu KS, Lai CS, Chen YL*. (2009) A review of intraoperative airway management for midface facial bone fracture patients. *Ann Plast Surg* ;63(2):162-6.. **SCI**
9. **Lee SS***, Sun IF, Lu YM, Chang KP, Lai CS, Lin SD (2009) Surgical Treatment of the Chronic Tophaceous Deformity in Upper Extremities – the Shaving Technique. *J Plast Reconstr Aesthet Surg* 62:669-674. **SCI**
10. **Lee SS***, Huang SH, Chen MC, Chang KP, Lai CS, Lin SD (2009) Management of recurrent ischial pressure sore with gracilis muscle flap and V-Y profunda femoris artery perforator-based flap. *J Plast Reconstr Aesthet Surg* Oct;62(10):1339-46 **SCI**
11. Huang SH, Yang PS, Wu SH, Chang KP, Lin TM, Lin SD, Lai CS, **Lee SS***. (2010) Aquacel((R)) Ag with Vaseline gauze in the management of toxic epidermal necrosis (TEN). *Burns*. 36:121-126. **SCI**
12. Ko-Kang Chen, Kao-Ping Chang, Shu-Hung Huang, Sin-Daw Lin, Chung-Sheng Lai, **Su-Shin Lee***. (2010) Reconstruction of Ischial Pressure Sore. *JTSPS* 2010.19(2):128-137
13. **Lee SS**, Duncan CC, Knoll BI, Persing JA* (2010) The intracranial compartment volume changes in sagittal craniosynostosis patients: the influence of comprehensive cranioplasty. *Plast Reconstr Surg* Jul;126(1):187-96.. **SCI**
14. Lai CS, **Lee SS**, Yeh YC, Chen CS*. Body dysmorphic disorder in patients with cosmetic surgery.(2010) *Kaohsiung J Med Sci*. Sep;26(9):478-82. **SCI**
15. Lai CS, The LS, Lu SR, Yang SF, **Lee SS***. (2011) Surgical Treatment for Marin-Amat Syndrome: Case Report and Review of the Literature. *Ann Plast Surg*. 2011 Nov;67(5):498-501. **SCI**
16. Huang YH, Lai CS, Lin SD, **Lee SS*** (2011) Angular Artery Cutaneous Flap for Reconstruction of Difficult Oronasal Fistula. *Ann Plast Surg* 2011 Dec;67(6):597-9.. **SCI**
17. Turner JS, Travieso R, **Lee SS**, Forte AJ, Patel A, Persing JA*.(2011) Combined metopic and sagittal

- craniosynostosis: is it worse than sagittal synostosis alone? *Neurosurg Focus*. 2011 Aug;31(2):E2. **SCI**
18. Wang SJ, Tu HP, Ko AM, Chiang SL, Chiou SJ, **Lee SS**, Tsai YS, Lee CP, Ko YC*. (2011) Lymphocyte α -kinase is a gout-susceptible gene involved in monosodium urate monohydrate-induced inflammatory responses. *J Mol Med (Berl)*. 2011 Dec; 89 (12) :1241-51. **SCI**
19. Yi-Chang Cheng, Chung-Sheng Lai, Sin-Daw Lin, **Su-Shin Lee***.(2011) Management of Superior Gluteal Artery Pseudoaneurysm after Iliac Crest Bone Marrow Biopsy. *JTSPS* 2011,20(4):316-323
20. Lou YT, Lin HL, **Lee SS**, Lee WC, Kuo LC, Cheng YC, Lin TY, Lin YK, Chen CW* (2012). Conductor-assisted nasal sonography: an innovative technique for rapid and accurate detection of nasal bone fracture. *J Trauma Acute Care Surg*. 72(1):306-11. **SCI**
21. Lai CS, Lai CH, Wu YC, Chang KP, **Lee SS**, Lin SD.(2012) Medial epicanthoplasty based on anatomic variations. *J Plast Reconstr Aesthet Surg*. 2012 Sep;65(9):1182-7. **SCI**
22. Hsieh TY, Chang KP*, **Lee SS**, Chang CH, Lai CH, Wu YC, Huang SH, Lai CS, Lin SD. (2012) Free flap reconstruction in patients with advanced oral squamous cell carcinoma: Analysis of patient survival and cancer recurrence. *Microsurgery*. Nov;32(8):598-604 **SCI**
23. Shu-Chun Tsao, **Su-Shin Lee**, Kao-Ping Chang, Chung-Sheng Lai, Sin-Daw Lin*. (2012) Treatment of Axillary Osmidrosis with the Use of Suction. *JTSPS* 2012.21(1):25-31
24. Ming-Jer Tsai, **Su-Shin Lee***, I-Feng Sun, Kao-Ping Chang, Chung-Sheng Lai, Sin-Daw Lin, Chaw-Chi Chiu. (2012) Reconstruction of the Post Cardiac Surgery Deep Sternal Wound Infection. *JTSPS* 2012.21(1):1-15
25. Tang CL, **Lee SS**, Lin TY, Lin YK, Yeh YS, Lin HL, Lee WC, Chen CW*.(2013) Empty toe: a unique type of closed degloving injury with dismal outcome. *Am J Emerg Med*. 2013 Jan;31(1):263.e1-3 **SCI**
26. Lai YW, Wu YC*, **Lee SS**, Lai CS.(2013) Meningitis and hydrocephalus secondary to panfacial fracture repair in a traumatic brain injury patient. *Kaohsiung J Med Sci*. 2013 Feb;29(2):116-8. **SCI**
27. **Lee SS**, Chen MC, Chou YH, Lin SD, Lai CS, Chen YC* (2013) Timing of intra-lesion shaving for surgical treatment of chronic tophus. *J Plast Reconstr Aesthet Surg*. 2013; 66: 1131-1137 **SCI**
28. Lai CS*, Chang KP, **Lee SS**, Hsieh TY, Lai HT, Huang YH, Lai YW (2013) The role of frontalis orbicularis oculi muscle flap for correction of blepharoptosis with poor levator function.. *Ann Plast Surg*. 2013 Dec;71 Suppl 1:S29-36. **SCI**
29. Tu HP, Ko AM, Chiang SL, **Lee SS**, Lai HM, Chung CM, Huang CM, Lee CH, Kuo TM, Hsieh MJ, Ko YC.(2014) Joint effects of alcohol consumption and ABCG2 Q141K on chronic tophaceous gout risk. *J Rheumatol*. 2014 Apr;41(4):749-58. **SCI**
30. Huang SH, Lin CH, Chang KP, Wu SH, Lin SD, Lai CS, Ou SF, **Lee SS***.(2014) Clinical evaluation comparing the efficacy of aquacel Ag with vaseline gauze versus 1% silver sulfadiazine cream in toxic epidermal necrolysis. *Adv Skin Wound Care*. 2014 May;27(5):210-5. **SCI**
31. Sheen YT, Lin TM, Chang KP, Lai CS, Lin SD, Lee SS* (2014) Commercially available materials as scaffold candidates for adipose-derived stromal/progenitor cell tissue engineering. *Formosan Journal of Surgery* (2014) 47, 1-10
32. Chou C, Chen CW, Wu YC, Chen KK, **Lee SS*** (2015) Refinement treatment of nasal bone fracture: A 6-year study of 329 patients. *Asian J Surg*. 2015 Oct;38(4):191-8 **SCI**
33. Hsin-Ti L, Wen-Sheng L, Yi-Chia W, Ya-Wei L, Wen ZH, David WH, Su-Shin L. The Effect in

Topical Use of **Lycogen**TM via Sonophoresis for Anti-aging on Facial Skin. Curr Pharm Biotechnol. 2015 Jul 31 (In press) *SCI*