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Education:

Ph.D. / Graduate Institute of Medicine, College of Medicine, Kaohsiung Medical University

M.D. / Faculty of Medicine, College of Medicine, Kaohsiung Medical University

Professional/Membership:

2011 Board of Hyperbaric and Undersea Medicine (No.0405)

2010 Member of Taiwan Society of Aesthetic Plastic Surgery (No.325)

2007 Board of Taiwan Society of Plastic Surgery (No. 458)

2007 Board of Hand Surgery, R.O.C. (No. 536)

2007 Member of Taiwan Society of Burn injuries and Wound healing

2005 Board of Taiwan Surgical Association (No. 5311)

2001 National Medical Board of Republic of China (No.33195)

Medical position:

- Attending Physician, Department of Surgery, Kaohsiung Medical University Hospital
- Chief, Hyperbaric Medicine, Kaohsiung Medical University Hospital
- Director, Division of intern Training, Department of Clinical Education and Training
- Assistant Professor / Department of Surgery, Faculty of Medicine, College of Medicine, Kaohsiung Medical University

Major Research Interests:

- Painful Scar/Stem Cell Therapy/Fat Grafting / Tissue Engineering /

Recent publication since 2010:

1. Huang SH, Wu SH, Lee SS, Chang KP, Chai CY, Yeh JL, Lin SD, Kwan AL, David Wang HM, Lai CS.
Fat Grafting in Burn Scar Alleviates Neuropathic Pain via Anti-Inflammation Effect in Scar and Spinal Cord
PLoS One. 2015 Sep 14;10(9):e0137563. doi: 10.1371/journal.pone.0137563. eCollection 2015. PubMed PMID: 26368011
2. Chiu CT, Huang SH, Wang HD.
A Review: Hair Health, Concerns of Shampoo Ingredients and Scalp Nourishing Treatments
Curr Pharm Biotechnol. 2015 Aug 16.[Epub ahead of print] PubMed PMID: 26278532
3. Wu SH, Huang SH, Lo YC, Chai CY, Lee SS, Chang KP, Lin SD, Lai CS, Yeh JL, Kwan AL.
Autologous adipose-derived stem cells attenuate muscular atrophy and protect spinal cord ventral horn motor neurons in an animal model of burn injury
Cytotherapy. 2015 Aug;17(8):1066-75. doi: 10.1016/j.jcyt.2015.03.687. PubMed PMID: 26139546
4. Huang SH, Wu SH, Chang KP, Lin CH, Chang CH, Wu YC, Lee SS, Lin SD, Lai CS.
Alleviation of neuropathic scar pain using autologous fat grafting
Ann Plast Surg. 2015 May;74 Suppl 2:S99-104. doi: 10.1097/SAP.0000000000000462. PubMed PMID: 25695456.
5. Wu SH, Huang SH, Cheng KI, Chai CY, Yeh JL, Wu TC, Hsu YC, Kwan AL.
Third-degree hindpaw burn injury induced apoptosis of lumbar spinal cord ventral horn motor neurons and sciatic nerve and muscle atrophy in rats
Biomed Res Int. 2015;2015:372819. doi: 10.1155/2015/372819. Epub 2015 Jan 28. PubMed PMID: 25695065; PubMed Central PMCID: PMC4324890
6. Lai YW, Lee SS, Chang KP, Huang SH, Lin YN, Lin SD, Lai CS.
Blood supply classification and varied clinical manifestations of skeletal muscle infarction
Ann Plast Surg. 2015 May;74 Suppl 2:S109-12. doi: 10.1097/SAP.0000000000000461. PubMed PMID: 25664416
7. Huang SH, Lin YN, Lee SS, Chai CY, Chang HW, Lin TM, Lai CS, Lin SD.
New adipose tissue formation by human adipose-derived stem cells with hyaluronic acid gel in immunodeficient mice
Int J Med Sci. 2015 Jan 8;12(2):154-62. doi: 10.7150/ijms.9964. eCollection 2015. PubMed PMID: 25589892; PubMed Central PMCID: PMC4293181
8. Hsieh TY, Huang YH, Chang FS, Chang CH, Chen KK, Huang SH, Lai CS, Lin SD, Chang KP
A Secure Technique for Microvascular Anastomosis in Arteries with Intimal Dissection: Intimal Sleeve Fold-Over Technique
Ann Plast Surg. 2014 Nov 21. [Epub ahead of print] PubMed PMID: 25422981.

9. Hsieh TY, Lin YN, Lin SD, Lai CS, Chang KP, Lee SS, Huang SH, Hou MF, Chen FM, Ou-Yang F
Immediate transverse rectus abdominis musculocutaneous flap reconstruction is associated with improved cancer-specific survival in locally advanced breast cancer
Ann Plast Surg. 2014 Sep;73 Suppl 1:S31-6. doi: 10.1097/SAP.0000000000000251. PubMed PMID: 25003450
10. Huang SH, Wu SH, Chang KP, Cheng KI, Lee SS, Kwan AL, Yeh JL, Tsai HP, Lin SD, Lai CS.
Autologous fat grafting alleviates burn-induced neuropathic pain in rats
Plast Reconstr Surg. 2014 Jun;133(6):1396-405. doi: 10.1097/PRS.0000000000000169. PubMed PMID: 24867722
11. Huang SH, Lin CH, Chang KP, Wu SH, Lin SD, Lai CS, Ou SF, Lee SS.
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. doi: 10.1097/01.ASW.0000445919.06416.32. PubMed PMID: 24732124
12. Lin CY, Pan TS, Ting CC, Liang SS, Huang SH, Liu HY, Ko EC, Wu CW, Tang JY, Chen PH.
Cytochrome p450 metabolism of betel quid-derived compounds: implications for the development of prevention strategies for oral and pharyngeal cancers
ScientificWorldJournal. 2013 Aug 1;2013:618032. doi: 10.1155/2013/618032 eCollection 2013. Review. PubMed PMID: 23983642; PubMed Central PMCID: PMC3747400
13. Chang KP, Lee HC, Huang SH, Lee SS, Lai CS, Lin SD.
MicroRNA signatures in ischemia-reperfusion injury. Ann Plast Surg. 2012 Dec;69(6):668-71. doi: 10.1097/SAP.0b013e3182742c45. PubMed PMID: 23154340.
14. Hsieh TY, Chang KP, Lee SS, Chang CH, Lai CH, Wu YC, Huang SH, Lai CS, Lin SD.
Free flap reconstruction in patients with advanced oral squamous cell carcinoma: analysis of patient survival and cancer recurrence
Microsurgery. 2012 Nov;32(8):598-604. doi: 10.1002/micr.22009. Epub 2012 Aug 18. PubMed PMID: 22903315.
15. Tsai PY, Wu YC, Lai CH, Huang SH, Lai YW, Lai CS.
Ocular surface area changes after double eyelidplasty
J Plast Reconstr Aesthet Surg. 2012 Jun;65(6):e141-5. doi: 10.1016/j.bjps.2012.01.010. Epub 2012 Feb 21. PubMed PMID: 22361119

16. Chang CH, Chang KP, Huang SH, Lai YW, Huang WT, Lin SD, Lai CS.
Hidradenocarcinoma of the fingertip: a case report and literature review
Dermatol Surg. 2011 May; 37(5):704-8. doi: 10.1111/j.1524-4725.2011.01970.x. Epub 2011 Apr 13. Review. PubMed PMID: 21489038

17. Lu IC, Huang SH, Hsu CD, Chiu CH, Wu SH.
Lumbar epidural space was narrower in parturients than that in nonpregnant women by ultrasound assessment
Kaohsiung J Med Sci. 2011 Jan;27(1):20-4. doi: 10.1016/j.kjms.2010.08.001. Epub 2011 Feb 1. PubMed PMID: 21329888.

18. Lin SD, Huang SH, Lin YN, Wu SH, Chang HW, Lin TM, Chai CY, Lai CS.
Engineering adipose tissue from uncultured human adipose stromal vascular fraction on collagen matrix and gelatin sponge scaffolds
Tissue Eng Part A. 2011 Jun;17(11-12):1489-98. doi: 10.1089/ten.TEA.2010.0688. Epub 2011 Mar 4. PubMed PMID: 21247363