

\*張承仁 醫師

所有發表期刊論文

1. **CJ Chang\***, YR Chen, MS Noordhoff, CN Chang, YS Yeh\_Facial bone fracture associated with carotid-cavernous sinus fistula. Journal of Trauma 1990, 30:1335-1339.
2. **CJ Chang**: Q-switch ruby laser for treatment of pigmented lesions. Journal of the Formosan Medical Association Cont Med Edu 1993, 3:1-3.
3. **CJ Chang\***, YR Chen, MS Noordhoff, CN Chang: Maxillary involvement in central craniofacial fracture with associated head injuries. Journal of Trauma 1994, 37: 807-811.
4. **CJ Chang\***, JY Yang: Frozen preservation of human amnion and its use as a burn wound dressing. Chang Gung Medical Journal 1994, 17: 316-324.
5. **CJ Chang**, JY Yang\*: Major burns in pregnancy. Chang Gung Medical Journal 1996, 19: 154 - 159.
6. **CJ Chang\***, BM Achauer, VM Vander Kam: Laser treatment of complicated hemangiomas of infancy. Chang Gung Medical Journal 1996, 19: 135-141.
7. BM Achauer\*, **CJ Chang**, VM Vander Kam: Nd: YAG laser treatment for facial hemangioma in infancy. Laser and Light in Ophthalmology 1996, 7: 111-116.
8. **CJ Chang**, JS Nelson\*: Q-Switched ruby laser treatment of mucocutaneous melanosis associated with peutz-jeghers syndrome. Annal of Plastic Surgery 1996, 36: 394-397.
9. **CJ Chang\***, JS Nelson, BM Achauer: Q-Switched ruby laser of oculodermal melanosis (Nevus of Ota). Plastic and Reconstructive Surgery 1996, 98: 784-790.
10. BM Achauer\*, **CJ Chang**, VM Vander Kam: Management of hemangiomas of infancy : review of 245 patients. Plastic and Reconstructive Surgery 1997, 99: 1301-1308.
11. **CJ Chang**, BM Achauer\*, VM Vander Kam: Reconstruction of head and neck hemangiomas with tissue expansion in the pediatric population. Annal of Plastic Surgery 1997, 38: 15-18.
12. **CJ Chang**, JY Yang, CJ Weng, FC Wei: Pilot *in Vitro* Toxicity Study of 5-ALA and Photofrin® in Microvascular Endothelial Cells Cultures. Journal of Clinical Laser Medicine & Surgery 1997, 15 : 83-87.
13. A M-K Wong\*, **CJ Chang**, LR Chen, MM Chen: Laser Intraductal Photocoagulation of Bilateral Protid Ducts for Reducing Drooling of Cerebral Palsied Children: A Preliminary Report. Journal of Clinical Laser Medicine & Surgery 1997,15:65-69.
14. B Anvari, BS Tanenbaum, TE Milner, W Hoffman, S Said, **CJ Chang**, LH Liaw, S Kimel, JS Nelson : Cryogen spray cooling for spatially selective photocoagulation : a feasibility study with potential application for treatment of hemangiomas. SPIE 1997, 2922 : 29 - 37.
15. **CJ Chang\***, YL Lai, CJ Weng: Photodynamic Therapy of Facial Squamous Cell Carcinoma in Cats Using Photofrin®. Chang Gung Medical Journal 1998, 21(1):13-19.

16. **CChang**, YL Lai, CJ Weng: Photodynamic Therapy of Facial Squamous Cell Carcinoma in Cats Using Photofrin®. The Journal of Taipei Veterinary Medical Association 1998, 16(1):1~7.
17. **CJ Chang**, B Anvari, JS Nelson: Cryogen Spray Cooling for Spatially Selective Photocoagulation of Hemangiomas-A New Methodology with Preliminary Clinical Reports. Plast Reconstr Surg 1998 102:459- 463.
18. **CJ Chang\***, SF Ma, FC Wei: *In vitro* and *In vivo* photosensitizing capabilities of 5-ALA in Vascular endothelial cells. Chang Gung Medical Journal 1999, 22(2) :181-188.
19. YL Lai, **CJ Chang\***: Vulvovaginal Reconstruction Following Radical Tumor Resection-Review of 12 Cases. Chang Gung Medical Journal. 22(2): 253-258 1999.
20. BM Achauer, **CJ Chang**, VM Vanderkam, A Boyko: Intralesional photocoagulation (ILP) of periorbital Hemangiomas. Plast Reconstr Surg 1999, 103(1):11-16.
21. **CJ Chang**, CH Sun, LHL Liaw, JS Nelson, MW Berns: In vitro and in vivo photosensitizing capabilities of 5-ALA compared to Photofrin® in vascular endothelial cells. Lasers in Surgery and Medicine 1999, 24:178-186.
22. **CJ Chang**, DM Fisher\*, YR Chen: Intralesional photocoagulation of vascular anomalies of the tongue. British Journal of Plastic Surgery 1999, 52(2):178-181.
23. **CJ Chang**, JS Nelson\*: Cryogen spray cooling and higher fluence pulsed dye laser treatment improve port wine stain clearance while minimizing epidermal damage. Journal of Dermatology Surgery 1999, 25:767-772.
24. PS Huang, **CJ Chang\***: Cryogen spray cooling in conjunction with pulse dye laser treatment of port wine stains of the head and neck. Chang Gung Medical Journal 2001, 24(8):469-475.
25. **CJ Chang\***, SF Ma, FC Wei: Photosensitizing capabilities of Photofrin® in Vascular endothelial cells. Formosa J Surg. 2001, 34(6): 287 -293.
26. **CJ Chang\***, AMK Wong: Intraductal laser photocoagulation of the bilateral parotid ducts for reducing of drooling in patients with cerebral palsy. Plast. Reconstr. Surg 2001, 107: 907-913.
27. **CJ Chang**, Kristen M Kelly, J Stuart Nelson : Cryogen spray cooling and pulsed dye laser treatment of cutaneous hemangiomas. Annal of Plastic Surgery 2001, 46: 577-583.
28. David M. Fisher, **CJ Chang**, Jun-Jin Chua: Potential complications of intralesional laser photocoagulation for extensive vascular malformations. Annals of Plastic Surgery 2001, 47(3): 252-256.
29. **CJ Chang\***, SF Ma, YF Tzeng, FC Wei: Dynamic cooling for laser photocoagulation: *In vivo* & *ex vivo* studies J. Med. Biol. Eng. 2002, 22 (1): 25-32.
30. **CJ Chang**, CN Chang, TL Hwang, The capabilities of Benzoporphyrin: In vivo study of canine malignant melanomas with photodynamic therapy. Formos J Surg 2002, 35(4): 166-172.
31. **CJ Chang**, JJ Chua: Endovenous laser photocoagulation (EVLP) for varicose veins. Lasers Surg

Med 2002, 31(4)257-262.

32. **CJ Chang**, Kristen M. Kelly, J. Stuart Nelson, and Vandana Nanda :Comparing the effectiveness of 585-nm versus 595-nm wavelength pulsed dye laser treatment of port-wine stains in conjunction with cryogen spray cooling during. *Lasers Surg Med* 2002, 31(5) 352-358.
33. **CJ Chang**, KH, Hou. High-Resolution Optical Doppler Tomography for in Vitro and in Vivo Fluid Flow Dynamics. *Chang Gung Medical Journal* 2003, 26(6): 403-411.
34. **CJ Chang\***, ZP Chen. High Resolution Optical Doppler Tomography for *in vivo* Blood Flow Dynamics with Pharmacological Intervention. *J. Medical and Biological Engineering* 2003, 23(3): 119-128.
35. YJ Hsieh, CC Wu, **CJ Chang**, and JS Yu: Subcellular localization of photofrin® determines the death phenotype of human epidermoid carcinoma A431 cells triggered by photodynamic therapy. When plasma membranes are the main targets. *J of cellular Physiology* 2003, 194:363-375.
36. **CJ Chang**, KL Tsang, LL Chiu\*, BJF Wong. Reduction of Superficial Thermal Injury Using Cryogen Spray Cooling in Conjunction with Nd: YAG Laser for Cartilage Reshaping of Composite Cartilage Flaps: Preliminary Investigation. *Formos J Surg* 2004; 37:8-15, 2004.
37. **CJ Chang**. Nanotechnology for laser Medicine. *Formosan Journal of Medicine* 2004, 8(3) 362-6.
38. TI Peng, **CJ Chang**, MJ Guo, YH Wang, JS Yu, HY Wu, and MJ Jou \*. Mitochondrion-targeted photosensitizer enhances the photodynamic effect-induced mitochondrial dysfunction and apoptosis. *Ann. N.Y. Acad. Sci* 2005, 1042:419-28.
39. **CJ Chng**, Petra Wilder-Smith: Topical Application of Photofrin® for Photodynamic Diagnosis of Oral Neoplasms. *Plast. Reconstr. Surg.* 2005, 115(7):1877-86.
40. **CJ Chang**. Combining the CO2 Laser and the Endoscope to Remove Soft Tissue Masses from the Forehead Area. *Photomedicine and Laser Surgery* 2005, 23(5): 509-512.
41. MS Lin, PS Hwang, **CJ Chang\***. Topical Application of Photofrin® For Oral Neoplasms. *Optical and Quantum Electronics* 2005, 37(13-15):1353-1365.
42. TI Peng, **CJ Chang**, SB Jou, CM Yang and M-J Jou \*. Photosensitizer targeting: Mitochondrion-Targeted photosensitizer enhances mitochondrial reactive oxygen species and calcium-mediated apoptosis. *Optical and Quantum Electronics* 2005, 37(13-15):1377-1384.
43. MS Lin, PS Hwang, **CJ Chang\***. Photodynamic Diagnosis Using Photofrin® for Induced Malignant Oral Lesions in an Animal Model. *Formos J Surg* 2006, 39(1): 9-18.
44. **CJ Chang**, Sally M.H Cheng, JS Nelson. Microvascular effect of Photofrin®-induced photodynamic therapy. *Photodiagnosis and Photodynamic Therapy* 2007, 4:95-99.

45. **CJ Chang**, JS Yu, FC Wei. *In Vitro* and *In Vivo* Photosensitizing Applications of Photofrin® in Malignant Melanoma Cells. *Chang Gung Medical Journal* 2008, 31(3): 260-267.
46. **CJ Chang\***, Sally MH Cheng, Lynn L. Chiu, Brian JF Wong, Keen Ting. Minimizing Superficial Thermal Injury Using Bilateral Cryogen Spray Cooling During Laser Reshaping Of Composite Cartilage Grafts. *Lasers in Surgery and Medicine* 2008, 40:477-482.
47. **CJ Chang**, YC Hsiao, Martin C. Mihm Jr, JS Nelson. Pilot Study Examining the Combined Use of Pulsed Dye Laser and Topical Imiquimod Versus Laser Alone for Treatment of Port Wine Stain Birthmarks. *Lasers in Surgery and Medicine* 2008, 40:605-610.
48. K Ting, KT Chen, SF Cheng, WS Lin, **CJ Chang**. Prediction of Skin Temperature Distribution in Cosmetic Laser Surgery. *Japanese Journal of Applied Physics* 2008, 47(1): 361-367.
49. **CJ Chang\***, CS Kou. Comparing the effectiveness of Q-switched Ruby laser treatment with that of Q-switched Nd:YAG laser for oculodermal melanosis (Nevus of Ota). *Journal of Plastic, Reconstructive & Aesthetic Surgery* 2011, 64:339-345.
50. **CJ Chang**. Long Term Follow-up of Intralesional Laser Photocoagulation (ILP) for Hemangioma Patients. *Laser Therapy*. 2011, 20(4): 255-263.
51. YC Hsiao, **CJ Chang\***. Update on Flashlamp Pumped Pulsed Dye Laser Treatment for Port Wine Stains (Capillary Malformation) Patients. *Laser Therapy*. 2011, 20(4): 265-272.
52. YC Hsiao, JY Yang, **CJ Chang**, CH Lin, SY Chang, SS Chuang. Flow-through anterolateral thigh flap for reconstruction in electrical burns of the severely damaged upper extremity. *Burns*. 2012, 39(3): 515-521.
53. **CJ Chang\***. Assessment of Videoendoscopy-Assisted Abdominoplasty for Diastasis Recti Patients. *Chang Gung Medical Journal*. 2013, 36(5): 252-256.
54. K Ting, KT Chen, YL Su, **CJ Chang**. Effects of thermal energy accumulations of multi-point heat sources in laser cosmetic surgery. *Journal of Process Mechanical Engineering*. 2014, 228: 162-167.
55. DY Yu, HC Chen, SY Chang, YC Hsiao, **CJ Chang\***. Comparing the Effectiveness of 1064 vs. 810 nm Wavelength Endovascular Laser for Chronic Venous Insufficiency (Varicose Veins). *Laser Therapy*. 2014, 22(4): 247-253.
56. ST Chen, **CJ Chang**, WC Su, LW Chang, IH Chu, MS Lin. 3-D titanium mesh reconstruction of defective skull after frontal craniectomy in traumatic brain injury. *Injury* 2015.
57. **CJ Chang**, DY Yu, HC Chen, SY Chang, YC Hsiao, K Ting, WS Lin, SF Cheng, KT Chen, KH Hou. Real-Time Photothermal Imaging and Response in Pulsed Dye Laser Treatment for Port Wine Stain Patients. *Biomedical Journal* 2014. (In Press)