

Curriculum Vitae



Name: Yur-Ren Kuo **Chinese Name:** 郭耀仁
Birth Date: June 22, 1965 **Birth Place:** Pingtung, Taiwan
Sex: Male **Citizenship:** Taiwan
Business Address: Division of Plastic Surgery, Department of Surgery, Kaohsiung Medical University Hospital, 100 TzYou 1st Rd, Kaohsiung City 80756, Taiwan
E-mail Address: kuoyrren@gmail.com 1040502@kmuh.org.tw
Business Phone: 886-7-3121101 Ext 7675 **Business Fax:** 886-7-3111482

CURRENT POSITION

Professor & Chief	Plastic & Reconstructive Surgery, Department of Surgery, Kaohsiung Medical University Hospital, Kaohsiung Medical University College of Medicine, Taiwan
Director	Transplantation Center, Kaohsiung Medical University Hospital, Taiwan
Adjunct Professor	Department of Biological Sciences, National Sun Yat-Sen University, Taiwan
Adjunct Professor	Academic Clinical Programme for Musculoskeletal Sciences, Duke-NUS Medical School, Singapore

EDUCATION AND TRAINING

GRADUATE

<u>Degree Received and Years</u>	<u>Name and location of Institution</u>
1991 M.D. Degree (1984-1991)	China Medical University, Tai-Chung, Taiwan
2003 PhD. Degree (1998-2003)	Graduate Institute of Clinical Medical Science, Chang Gung University, Taiwan
Research Associate (2004-2005)	Division of Plastic Surgery, Department of Surgery, University of Pittsburgh, Pennsylvania, U.S.A.

POST-GRADUATE EDUCATION

<u>Degree Received and Years</u>	<u>Name and location of Institution</u>
July 1991– June 1993 R1-R2	Department of Surgery Provincial Ta-Yuan General Hospital National Taiwan University Medical Center, Taiwan
July 1993– June 1997 R3-R6	Department of Plastic and Reconstructive Surgery Kaohsiung Chang Gung Memorial Hospital, Taiwan
July 1997– June 2015 Attending	Department of Plastic and Reconstructive Surgery Kaohsiung Chang Gung Memorial Hospital, Taiwan
July 2015- Till now Attending	Division of Plastic Surgery, Department of Surgery, Kaohsiung Medical University Hospital, Taiwan
Aug 2023 - Till now Attending	Division of Plastic Surgery, Department of Surgery, Kaohsiung Municipal Ta-Tung Hospital, Taiwan

ACADEMIC APPOINTMENTS

<u>Year Inclusive</u>	<u>Name and location of Institution</u>	<u>Rank/Title</u>
1999- 2003	Chang Gung University College of Medicine	Lecture
2003- 2007	Chang Gung University College of Medicine	Assistant Professor
2003- 2004	Department of Surgery Kaohsiung Chang Gung Memorial Hospital-	Vice-chairman
2007- 2011	Chang Gung University College of Medicine	Associate Professor
2008- 2009	Division of Plastic and Reconstructive Surgery, Kaohsiung Chang Gung Memorial Hospital	Chief
2009-2015	Department of Surgery, Kaohsiung Chang Gung Memorial Hospital, Taiwan	Chairman
2010- 2015	Division of Plastic and Reconstructive Surgery, Department of Surgery, Kaohsiung Chang Gung Memorial Hospital, Taiwan	Clinical Professor
2011- 2015	Department of Surgery, Chang Gung University College of Medicine, Taiwan	Professor
2016 - 2020	Department of Surgery, Kaohsiung Medical University Hospital, Taiwan	Chairman
2015- till now	Faculty of Medicine, College of Medicine, Kaohsiung Medical University, Taiwan	Chief Professor
2012- till now	Department of Biological Sciences National Sun Yat-sen University, Taiwan	Adjunct Professor
2020- till now	Academic Clinical Programme for Musculoskeletal Sciences, Duke-NUS Medical School, Singapore	Adjunct Professor

PROFESSIONAL ACTIVITIES AND COMMITTEES

Board of Directors, American Society of Plastic Surgeon (ASPS)
 President, Taiwan Society for Wound Care (TSWC)
 Executive Review Board Committee, Asia Wound Care Association (AWCA)
 Fellow, American College of Surgeons (F.A.C.S.)
 Review Board Committee-Asian Session, International Society of Plastic Regenerative Surgeons (ISPRES)
 Review Board Committee, Taiwan Surgical Association (TSA)
 Review Board Committee, Taiwan Society for Burn Injuries and Wound Healing (TSBIWH)
 Review Board Committee, Taiwan Society for Reconstructive Microsurgery (TSRM)
 Review Board Committee, Taiwan Society of Plastic Surgery (TSPS)
 International Member, American Society of Plastic Surgeon (ASPS)
 Corresponding Member, American Society for Reconstructive Microsurgery (ASRM)
 Active Member, World Society of Reconstructive Microsurgery (WSRM)
 Member, Tissue Engineering Society International (TESI)
 Active Member, International Hand and Composite Allotransplantation Society (IHCTAS)

HONORS

<u>Title of Award</u>	<u>Year</u>
International Guest Scholar of the American College of Surgeons, USA	2003
Who's Who in the World	2004
Fellow American College of Surgeons (F.A.C.S.), USA	2005
Visiting Professorship Southern Illinois University, U.S.A.	2005

Best Paper Award	Annual Meeting of Hand Surgical Association	2006
Outstanding Graduate Student Award,	Chang Gung University, Taiwan	2007
First Prize Award of Basic Research, IV Congress of the World Society for Reconstructive Microsurgery (WSRM), Athens, Greece		2007
Visiting Professorship	Nevada University School of Medicine, U.S.A.	2009
Godina Fellow Lectureship, (ASRM)	American Society for Reconstructive Microsurgery	2009
Visiting Professorship	Mayo Clinics, School of Medicine, Rochester, U.S.A.	2008
Excellent Paper Award	International College of Surgeons (ICS)	2010
Outstanding Poster Award,	American Transplant Congress (ATC), USA	2010
Young Investigator Award,	American Transplant Congress (ATC), USA	2011
Visiting Professorship	Nagasaki University Hospital, Nagasaki, Japan	2013
Visiting Professorship Award	Association for Academic Surgery (AAS), USA	2014
Visiting Professorship	Singapore General Hospital, Singapore	2015
Visiting Professorship	National Seoul University, Seoul Korea	2015
Visiting Professorship	University Hospital of Zurich, Switzerland.	2016
Visiting Professorship	Singapore General Hospital, Singapore	2018

CURRENT RESEARCH INTERESTS

Reconstructive Microsurgery, Transplant immunology, Tissue regeneration medicine, Stem cell therapy, Wound healing, Keloid scar

PUBLICATIONS

(A) 期刊論文 (2019-2024):

[Basic Research-Wound healing & Regenerative medicine](#)

1. A novel biodegradable magnesium skin staple: A safety and functional evaluation. Wu YC, Hsieh MW, Wang WT, Chang YH, Lee SS, Huang SH, Hou MF, Tseng CC, **Kuo YR**. *Asian J Surg.* 2024 Mar 2:S1015-9584(24)00360-9. doi: 10.1016/j.asjsur.2024.02.098. Online ahead of print.
2. Compare the effectiveness of extracorporeal shockwave and hyperbaric oxygen therapy on enhancing wound healing in a streptozotocin-induced diabetic rodent model. Chen RF, Lin YN, Liu KF, Lee CC, Hu CJ, Wang CT, Wang CJ, **Kuo YR**. *Kaohsiung J Med Sci.* 2023 Nov;39(11):1135-1144. doi: 10.1002/kjm2.12746. Epub 2023 Sep 2.
3. The Bridging Effect of Artificial Dermis on Reconstruction of Skin Avulsion Injury. Lin YN, Wang YC, Lee SS, Hsieh MW, Lin SD, Huang SH, Lin TM, **Kuo YR**. *Int J Low Extrem Wounds.* 2023 Feb 22:15347346231158175. doi: 10.1177/15347346231158175. Online ahead of print.
4. Far-Infrared Therapy Accelerates Diabetic Wound Healing via Recruitment of Tissue Angiogenesis in a Full-Thickness Wound Healing Model in Rats. Chen RF, Liu KF, Lee SS, Huang SH, Wu YC, Lin YN, Wang CT, **Kuo YR**. *Biomedicines.* 2021 Dec 15;9(12):1922.
5. Supercritical carbon dioxide decellularized bone matrix seeded with adipose-derived mesenchymal stem cells accelerated bone regeneration. Liu KF, Chen RF, Li YT, Lin YN, Hsieh DJ, Periasamy S, Lin SD, **Kuo YR**. *Biomedicines.* 2021 Dec 3;9(12):1825.
6. The Effects of Silver-Releasing Foam Dressings on Diabetic Foot Ulcer Healing. J Wang YC, Lee HC, Chen CL, Kuo MC, Ramachandran S, Chen RF, **Kuo YR**. *Journal of Clinical Medicine* 10 (7), 1495.
7. The Acceleration of Diabetic Wound Healing by Low-Intensity Extracorporeal Shockwave Involves in the GSK-3 β Pathway. Chen RF, Lin YN, Liu KF, Wang CT, Ramachandran S, Wang CJ, **Kuo YR**. *Biomedicines.* 2020 Dec 30;9(1):E21.
8. Correction: Autologous and not allogeneic adipose-derived stem cells improve acute

- burn wound healing. Chang YW, Wu YC, Huang SH, Wang HD, **Kuo YR**, Lee SS. *PLoS One*. 2020 Sep 3;15(9):e0238935.
9. Proteomic Analysis of Peri-Wounding Tissue Expressions in Extracorporeal Shock Wave Enhanced Diabetic Wound Healing in a Streptozotocin-Induced Diabetes Model. Chen RF, Yang MY, Wang CJ, Wang CT, **Kuo YR**. *Int J Mol Sci*. 2020 Jul 30;21(15):5445.
 10. Telemedicine algorithm for chronic wound care during COVID-19. Hsieh MW, Lee CC, Ou SF, **Kuo YR**. *Int Wound J*. 2020 Jun 3;10.1111/iwj.13409.
 11. Reply: Hyaluronic Acid-Povidone-Iodine Compound Facilitates Diabetic Wound Healing in a Streptozotocin-Induced Diabetes Rodent Model. Chen RF, Wang CT, **Kuo YR**. *Plast Reconstr Surg*. 2020 Feb;145(2):455e-456e.
 12. Fluorescent Nanodiamonds Enable Long-Term Detection of Human Adipose-Derived Stem/Stromal Cells in an In Vivo Chondrogenesis Model Using Decellularized Extracellular Matrices and Fibrin Glue Polymer. Wu YC, Wang YC, Wang WT, Wang HD, Lin HH, Su LJ, **Kuo YR**, Lai CS, Ho ML, Yu J. *Polymers (Basel)*. 2019 Aug 23;11(9). pii: E1391.
 13. Differential Response of Non-cancerous and Malignant Breast Cancer Cells to Conditioned Medium of Adipose tissue-derived Stromal Cells (ASCs). Wu YC, Wang WT, Huang LJ, Cheng RY, **Kuo YR**, Hou MF, Lai CS, Yu J. *Int J Med Sci*. 2019 Jun 2;16(6):893-901.
 14. Glucagon-Like Peptide-1 Receptor Agonist Attenuates Autophagy to Ameliorate Pulmonary Arterial Hypertension through Drp1/NOX- and Atg-5/Atg-7/Beclin-1/LC3 β Pathways. Wu YC, Wang WT, Lee SS, **Kuo YR**, Wang YC, Yen SJ, Lee MY, Yeh JL. *Int J Mol Sci*. 2019 Jul 12;20(14). pii: E3435.
 15. Extended Extracorporeal Shockwave Therapy for Chronic Diabetic Foot Ulcers: A Case Series. Chou WY, Wang CJ, Cheng JH, Chen JH, Chen CC, **Kuo YR**. *Wounds*. 2019 May;31(5):132-136.
 16. Hyaluronic Acid-Povidone-Iodine Compound Facilitates Diabetic Wound Healing in a Streptozotocin-Induced Diabetes Rodent Model. Chen RF, Wang CT, Chen YH, Chien CM, Lin SD, Lai CS, Wang CJ, **Kuo YR**. *Plast Reconstr Surg*. 2019 May;143(5):1371-1382.
 17. Suppression of Oxygen Radicals Protects Diabetic Endothelium Damage and Tissue Perfusion in a STZ-induced Diabetes Rodent Model. Chen RF, Chang CH, Wang CT, and **Kuo YR**. *Annals of Plastic Surgery* 2019, 82(1S Suppl 1):S18-S22.
 18. Modulation of VEGF and MAPK-related pathway involved in extracorporeal shockwave therapy accelerate diabetic wound healing. Chen RF, Chang CH, Wang CT, Yang MY, Wang CJ, **Kuo YR**. *Wound Repair Regen*. 2019 27(1):69-79.

Basic Research- Allo-transplantation

19. The synergistic effect of full-spectrum light therapy and transient immunosuppressants prolonged allotransplant survival. Liu KF, Ramachandran S, Chang CW, Chen RF, Huang CH, Huang HT, Lee CC, Li YT, **Kuo YR**. *Plast Reconstr Surg*. 2023 Oct 10. doi: 10.1097/PRS.00000000000011135. Online ahead of print.
20. Heterotopic intestine and abdominal wall transplantation in a miniature swine: A model for graft immunology. **Kuo YR**, Chen YH, Yeh YS, Chang CW, Li CC, Cai TY, Chang HC, Chang YT. *Kaohsiung J Med Sci*. 2023 Nov;39(11):1129-1134. doi: 10.1002/kjm2.12742. Epub 2023 Aug 13.
21. Lung and Brain Abscesses in an Upper Extremity Allotransplantation Recipient. Tsai YT, Po-Liang Lu PL, Lee KM, **Kuo YR**. *Clinical Infectious Diseases* 2021.
22. Application of stroke volume variation for optimized hemodynamic monitoring in hand allotransplantation. Chen PN, Ramachandran S, **Kuo YR**. *Microsurgery*. 2021 Oct 29. doi: 10.1002/micr.30833.
23. Modified Le Fort II approach of adequate vascularization preservation in midface allotransplantation: Mock surgery. Huang CH, **Kuo YR**, Wu YC, Lee HC, Lee SS. *Asian J Surg*. 2021: S1015-9584(21)00626-6.
24. Attitudes toward face transplantation in Asia: A survey of Taiwanese population. Wang YC, Lee SS, Ramachandran S, Lin YN, Chen RF, Lin SD, Lai CS, **Kuo YR**. *Microsurgery*. 2021 May 21. doi: 10.1002/micr.30755. Online ahead of print.

25. Adipose-derived stromal cells modulating composite allotransplant survival is correlated with B cell regulation in a rodent hind-limb allotransplantation model. Chen CC, Chen RF, Shao JS, Li YT, Wang YC, Brandacher G, Chuang JH, **Kuo YR**. Stem Cell Research and Therapy 2020 Nov 11;11(1):478.
26. Combination of a CD26 Inhibitor, G-CSF and Short-term Immunosuppressants Modulates Allotransplant Survival and Immunoregulation in a Rodent Hindlimb Allotransplant Model. Chen CC, Chen RF, Wang YC, Li YT, Chuang JH, **Kuo YR**. Transplantation. 2021 Jun 1;105(6):1250-1260.
27. Topical tacrolimus and steroids modulate T cells in acute rejection of hand allotransplantation: Two case reports. Chen YT, Huang SC, Chen CC, Lim LM, Lu PL, Hou YP, Fu YC, Chen CH, **Kuo YR**. Microsurgery. 2019 Feb 15. doi: 10.1002/micr.30439.

Basic Research- Keloid and scar research

28. Progress in Microdermal Grafting for Color Regeneration of White Scars. Tsao SB, Jong LR, Su YC, **Kuo YR**. Aesthet Surg J. 2021 Oct 15;41(11):NP1758-NP1768.
29. Low-Grade Myofibroblastic Sarcoma Arising from Keloid Scar on the Chest Wall after Thoracic Surgery. **Kuo YR**, Yang CK, Chen A, Ramachandran S, Lin SD. Ann Thorac Surg. 2020 Jun 4;S0003-4975(20)30858-4.
30. Triamcinolone Acetonide Suppresses Keloid Formation Through Enhancing Apoptosis in a Nude Mouse Model. Chen AD, Chen RF, Li YT, Huang YT, Lin SD, Lai CS, **Kuo YR**. Ann Plast Surg. 2019 Oct;83(4S Suppl 1):S50-S54.
31. Extracorporeal Shockwave Therapy for Treatment of Keloid Scars. Wang CJ, Ko JY, Chou WY, Cheng JH, **Kuo YR**. Wound Repair Regen. 2018 Jan;26(1):69-76.

Clinical (SCI paper)

32. The niche of dermal graft to reconstruct a complex pressure injury wound in sacral region: A case report. Cheng TW, Lin YN, Lee SS, **Kuo YR**. Medicine (Baltimore). 2023 Dec 22;102(51):e36617. doi: 10.1097/MD.00000000000036617.
33. Healing of a bone-exposed soft tissue defect after surgical correction of traumatic patellar dislocation: A case report. Lee KI, Lin YN, Lin YC, **Kuo YR**. Medicine (Baltimore). 2023 Nov 24;102(47):e36324. doi: 10.1097/MD.00000000000036324.
34. Turbocharging as a strategy to boost extended perforator flap vascularity in head and neck reconstruction-A report of two cases. Ramachandran S, Chang CW, Wang YC, Huang CH, Chew KY, **Kuo YR**. Microsurgery. 2024 Jan;44(1):e31111. doi: 10.1002/micr.31111. Epub 2023 Sep 30.
35. A huge chest wall angiomatosis with pleural and rib invasion: A case report. Wang YC, Lin YN, Chai CY, Li HP, Chen YT, **Kuo YR**. Medicine (Baltimore). 2022 Dec 9;101(49):e32242. doi: 10.1097/MD.00000000000032242.
36. The Potential Application and Promising Role of Targeted Therapy in Pulmonary Arterial Hypertension. Hsieh MW, Wang WT, Yeh JL, Lin CY, Kuo YR, Lee SS, Hou MF, Wu YC. Biomedicines. 2022 Jun 15;10(6):1415. doi: 10.3390/biomedicines10061415.
37. Treatment algorithm for Kimura's disease: A systematic review and meta-analysis of treatment modalities and prognostic predictors. Lee CC, Feng IJ, Chen YT, Weng SF, Chan LP, Lai CS, Lin SD, **Kuo YR**. Int J Surg. 2022 Apr;100:106591. doi: 10.1016/j.ijsu.2022.106591. Epub 2022 Mar 5.
38. Application of nanofat grafting to rescue a severe ischaemic hand with thromboangiitis obliterans: A case report about promising salvage procedure. Ng KLB, Hsieh MW, Lin YN, Chen RF, Lin TM, Lin SD, **Kuo YR**. Medicine (Baltimore). 2021 Oct 22;100(42):e27577.
39. Concurrence of Marjolin's Ulcer in the Lower Limb in a Patient with Idiopathic Multicentric Castleman Disease: A Case Report.. Chou PR, Tsai KB, Chang CW, Lin TY, **Kuo YR**. Medicina (Kaunas). 2022 Jan 4;58(1):71. doi: 10.3390/medicina58010071.
40. The Effects of Silver-Releasing Foam Dressings on Diabetic Foot Ulcer Healing. Wang YC, Lee HC, Chen CL, Kuo MC, Ramachandran S, Chen RF, **Kuo YR**. J Clin Med. 2021 Apr 3;10(7):1495. doi: 10.3390/jcm10071495.

41. Current operative management and therapeutic algorithm of lymphedema in the lower extremities. Ramachandran S, Chew KY, Tan BK, **Kuo YR**. *Asian J Surg*. 2021 Jan;44(1):46-53.
42. Covid-19 guidance algorithm for advanced head and neck cancer reconstruction. Hsieh MW, Lee CC, Lu PL, **Kuo YR***. *Microsurgery*. 2020 May 22;10.1002/micr.30603.
43. Decision algorithm and surgical strategies for managing tracheocutaneous fistula. Kao CN, Liu YW, Chang PC, Chou SH, Lee SS, **Kuo YR**, Huang SH. *J Thorac Dis*. 2020 Mar;12(3):457-465.
44. A meta-analysis of periventricular device closure of doubly committed subarterial ventricular septal defects. Huang JS, Sun KP, Huang ST, Chen Q, Chen LW, **Kuo YR**. *J Cardiothorac Surg*. 2020 Jan 28;15(1):28.
45. Effects of the Sounds of Different Mechanical Mitral Valves on Quality of Life at Different Follow-Up Times: A Single-Center Study. Huang JS, Sun KP, Xu N, Chen Q, Chen LW, **Kuo YR**. *Ann Thorac Cardiovasc Surg*. 2020 Jan 10. doi: 10.5761/atcs.oa.19-00281.
46. Comparison of quality of life in patients who underwent mechanical mitral valve replacement: star GK vs SJM. Huang JS, Xu N, Sun KP, Hong ZN, Chen LW, **Kuo YR**, Chen Q. *J Cardiothorac Surg*. 2020 Jan 7;15(1):2.
47. Health-related quality of life in children and adolescents undergoing intraoperative device closure of isolated perimembranous ventricular septal defects in southeastern China. Huang JS, Huang ST, Sun KP, Hong ZN, Chen LW, **Kuo YR**, Chen Q. *J Cardiothorac Surg*. 2019 Dec 16;14(1):218.
48. Use of Extended Pedicled Transverse Rectus Abdominis Myocutaneous Flap for Extensive Chest Wall Defect Reconstruction After Mastectomy for Locally Advanced Breast Cancer. Lin YN, Ou-Yang F, Hsieh MC, Lee SS, Huang SH, Chuang CH, Chang CH, **Kuo YR**, Hou MF, Lin SD. *Ann Plast Surg*. 2020 Jan;84(1S Suppl 1):S34-S39.
49. Fat Grafting for Facial Contouring (Nose and Chin). Lin TM, Huang SH, Lin YN, Lee SS, **Kuo YR**, Lin SD, Takahashi H. *Clin Plast Surg*. 2020 Jan;47(1):91-98.
50. Topically Applied Cross-Linked Hyaluronan Attenuates the Formation of Spinal Epidural Fibrosis in a Swine Model of Laminectomy. Lin CL, Jou IM, Wu CY, **Kuo YR**, Yang SC, Lee JS, Tu YK, Chen SC, Huang YH. *Sci Rep*. 2019 Oct 10;9(1):14613.
51. Widespread dystrophic calcinosis cutis in both thighs associated with Sjögren's syndrome: A case of 20-year follow-up. Yang CH, Chang CW, **Kuo YR**, Huang SH. *Kaohsiung J Med Sci*. 2019 Jun 27. doi: 10.1002/kjm2.12103.
52. The Epidemiology and Clinical Features of Blepharoptosis in Taiwanese Population. Lee CC, Feng IJ, Lai HT, Huang SH, **Kuo YR**, Lai CS. *Aesthetic Plast Surg*. 2019 Mar 14. doi: 10.1007/s00266-019-01344-2. (SCI; IF=1.484, Surgery 122/200)
53. Changes in the levels of inflammatory markers after transthoracic device closure of ventricular septal defects in pediatric patients. Huang JS, Chen Q, Chen LW, **Kuo YR**, Hong ZN, Cao H. *J Cardiothorac Surg*. 2019 Apr 8;14(1):70.
54. Extended Extracorporeal Shockwave Therapy for Chronic Diabetic Foot Ulcers: A Case Series. Chou WY, Wang CJ, Cheng JH, Chen JH, Chen CC, **Kuo YR**. *Wounds*. 2019 May;31(5):132-136.

Book Chapters

1. Replantation of the Lower Extremity (Textbook: *Reconstructive Surgery of the Lower Extremity*) Quality Medical Publishing Inc. (2013)
2. Experimental Studies in Face Transplantation: Swine Model (Textbook: *The Know -How of Face Transplantation*, Springer 2011)
3. Expert Comment: Immunology and Research in Reconstructive Transplantation (Textbook: *Flaps and Reconstructive Surgery: Wei & Mardini*, 2017 (2nd Edition. ISBN: 978-0-323-24322-3)
4. Expert Comment: Peripheral Nerve Allotransplantation (Textbook: *Flaps and*

Reconstructive Surgery: Wei & Mardini, 2017, 2nd Edition. ISBN: 978-0-323-24322-3)

5. Management and Outcomes of Major Burn Casualties in Explosion Disasters in Taiwan (Textbook: Disaster Wound Management , First edition, 2018, ISBN: 978-967-15282-2-8)

6. Future Directions in Vascularized Composite Allotransplantation Field (Textbook: The Resection and Reconstruction of Head & Neck Cancers) (Springer 2019 ISBN) 978-981-13-2444-4)

7. Superficial Femoral Artery Perforator Flap (Textbook: Perforator Flaps, Anatomy, Technique, & Clinical Applications 3rd edition ISBN: 978-1576261781)

Application performance and Patent:

Category	Patent title	County	Patent No.	Inventor	Patentee	Patent approval date
New patent	Photobiotherapy device to enhance wound healing after surgery 促進手術後傷口癒合的光生物治療裝置	Republic of China	M623307	Yur-Ren Kuo	Yur-Ren Kuo	2022/02/11