



Director | Deputy Chief Executive Officer | Adjunct lecturer
Center of Medical Education Research, Wan Fang Hospital
Cochrane Taiwan, Taipei Medical University
National Taipei University of Nursing and Health Sciences
+886-2-29307930 ext. 7213
https://www.researchgate.net/profile/Yi_No_Kang
d08848002@ntu.edu.tw | kynacad@gmail.com

康以諾 | Yi-No Kang (Enoch Kang)

EDUCATION

Ph.D. candidate

01.2024 to present	National Taiwan University, Taipei, Taiwan Institute of Health Policy and Management, College of Public Health
--------------------	---

Master of Arts, Education

08.2012 to 07.2015	National Dong Hwa University, Hualien, Taiwan Department of Education and Human Potentials Development, Hua-Shih College of Education
--------------------	--

General information

Language	Full-time (years)	Main working tool	Collaboration (organizations)	Focus
Chinese / English	4	R	7	Methods / Surgery

Publication information

Publications	Cited times	Annual cited	H-index	Disciplinary
134	1346	168	21	43

Honors

In 2024	Stanford University's list of World's Top 2% - Single-year citation impact - Fields: Clinical Medicine (main), Surgery and Medical Informatics - https://topresearcherslist.com/Home/Profile/970466
In 2023	Public Health Excellent Paper Award - Award name: Ting-Chu Chao Memorial Award - Organization: Taiwan Public Health Association - Prize: 100,000 New Taiwan Dollars - https://www.publichealth.org.tw/scholarship.asp?HidDID=4

CURRENT POSITION

Director

- | | |
|---------------------------|---|
| 05.2025 to
the present | Center of Medical Education Research, Wan Fang Hospital, Taipei, Taiwan (supervised by Vice Superintendent Yang-Ching Chen) <ul style="list-style-type: none"> - Build medical education research team. - Develop new course of medical education research. - Provide medical education research training. - Supervise activities regarding medical education research. |
|---------------------------|---|

Executive secretary

- | | |
|---------------------------|---|
| 08.2023 to
the present | Thomas and Dorothy MJ Toungh Professorship in Anesthesiology, College of Medicine, Taipei Medical University, Taipei, Taiwan (supervised by Prof. Ta-Liang Chen) <ul style="list-style-type: none"> - Manage the Teaching and Learning Benchmark Platform - Develop research team for peri-operative and critical care topics - Write the annual report of the Professorship |
|---------------------------|---|

Adjunct lecturer

- | | |
|---------------------------|--|
| 08.2021 to
the present | Department of Health Care Management, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan <ul style="list-style-type: none"> - Course: Doing statistical analysis with R (for juniors or seniors). - Course: Health statistics (for juniors or seniors). - Course: Statistical Methods for Evidence-based Medicine (for master students). |
|---------------------------|--|

WORKING EXPERIENCE (history)

Deputy director

- | | |
|-----------------------|--|
| 08.2021 to
09.2021 | Department of Education, Taipei Medical University Hospital, Taipei, Taiwan (supervised by Vice Superintendent Chun-Ming Shih and Director Chien-Yu Chen) <ul style="list-style-type: none"> - Coordinated department tasks. - Organized new model for team work in the department. - Managed hospital accreditation (education part). - Supervised administration work in the department. |
|-----------------------|--|

WORKING EXPERIENCE (history)

Research Assistant (Full time)

- | | |
|-----------------------|--|
| 11.2019 to
10.2020 | <p>Department of Emergency Medicine, Taipei Medical University Hospital, Taipei, Taiwan (supervised by Asso. Prof. Sen-Kuang Hou)</p> <ul style="list-style-type: none"> - Coordinated resident research training program. - Supported research and publication. |
|-----------------------|--|

Coordinator / team leader (Full time)

- | | |
|-----------------------|--|
| 06.2016 to
02.2019 | <p>Center for Evidence-Based Medicine, Department of Education, Taipei Medical University Hospital, Taipei, Taiwan (supervised by Asso. Prof. Chien-Chih Wu)</p> <ul style="list-style-type: none"> - Administered tasks in the center. - Developed new course of evidence-based medicine. - Built evidence-based medicine research team. |
|-----------------------|--|

Research Assistant (Full time)

- | | |
|-----------------------|--|
| 07.2015 to
05.2016 | <p>Center for General Education, Taipei Medical University, Taipei, Taiwan (supervised by Asso. Prof. Wen-Chi Lin)</p> <ul style="list-style-type: none"> - Administered research project. - Reviewed literature about reflected writing in skill learning. - Collected data, analyzed data, and interpreted results. |
|-----------------------|--|

Consultant

- | | |
|-----------------------|--|
| 05.2019 to
04.2024 | <p>Evidence-Based Medicine Center, Wan Fang Hospital, Taipei, Taiwan (supervised by Vice Superintendent Yang-Ching Chen and Prof. Chieh-Feng Chen)</p> <ul style="list-style-type: none"> - Build evidence-based medicine research team. - Develop new course of evidence-based medicine. - Provide courses regarding evidence-based medicine or systematic review and meta-analysis - Update new information about evidence-based medicine. |
|-----------------------|--|

SERVICE

Deputy Chief Executive Officer (Unsalariated)

01.2022 to the present | Cochrane Taiwan, Taipei Medical University, Taipei, Taiwan (under Prof. Chieh-Feng Chen)

- Methodology development
- Update new information about evidence-based medicine.
- Build evidence-based medicine research team.

Adjunct researcher (Unsalariated)

03.2020 to the present | Cochrane Taiwan, Taipei Medical University, Taipei, Taiwan (under Prof. Chieh-Feng Chen)

- Update new information about evidence-based medicine.
- Build evidence-based medicine research team.

PUBLICATIONS

1. Lin YC, Wang TH, Kang YN, Chiu HH. Effect of tranexamic acid on children with traumatic bleeding: A systematic review and meta-analysis. Article. *Am J Emerg Med*. Nov 2025;97:65-71. doi:10.1016/j.ajem.2025.07.008
2. Shen YC, Huang YL, Kang YN, et al. Effectiveness and safety of talimogene laherparepvec and granulocyte-macrophage colony-stimulating factor for metastatic melanoma: a systematic review and network meta-analysis of randomized controlled trials. Article. *Melanoma Research*. Feb 2025;35(1):60-66. doi:10.1097/cmr.0000000000001010
3. Lin SJ, Sun CY, Chen DN, et al. Chatbots for breast cancer education: a systematic review and meta-analysis. Review. *Supportive Care in Cancer*. Jan 2025;33(1)55. doi:10.1007/s00520-024-09096-9
4. Cheng SH, Chu W, Chou WH, Chu WC, Kang YN. Cardiovascular Safety of Romosozumab Compared to Commonly Used Anti-osteoporosis Medications in Postmenopausal Osteoporosis: A Systematic Review and Network Meta-analysis of Randomized Controlled Trials. Article. *Drug Safety*. Jan 2025;48(1):7-23. doi:10.1007/s40264-024-01475-9
5. Yeo YH, Kang YN, Chen CH, et al. Liver resection had better disease-free survival rates compared with radiofrequency ablation in hepatocellular carcinoma: a meta-analysis based on randomized clinical trials. Article. *Int J Surg*. Nov 2024;110(11):7225-7233. doi:10.1097/js9.0000000000001943
6. Wu TJ, Huang YL, Kang YN, Chen KH, Chen CH. Comparing Energy-Based Devices for Striae Improvement: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. Article. *Dermatologic Surgery*. Oct 2024;50(10):931-938. doi:10.1097/dss.0000000000004252

7. Wu CY, Lin LY, Lee TY, et al. Clinical guidelines for early hepatocellular carcinoma treatment options: a systematic review and bibliometric analysis. Article. *Int J Surg*. Nov 2024;110(11):7234-7244. doi:10.1097/js9.0000000000001950
8. Tung KM, Su Y, Kang YN, et al. Effects of mindfulness-based preoperative intervention for patients undergoing elective surgery: A meta-analysis. Article. *Journal of Psychosomatic Research*. Jun 2024;181111666. doi:10.1016/j.jpsychores.2024.111666
9. Su YJ, Sun CY, Chiu WK, Kang YN, Chen CH. Patient Decision Aids for Breast Cancer Reconstruction: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. Article. *Plastic and Reconstructive Surgery*. Nov 2024;154(5):929-940. doi:10.1097/prs.00000000000011292
10. Liu CH, Hou WH, Lin PC, Kang YN, Liu WT, Chen SR. Risk of nonmelanoma skin cancer in patients taking Janus kinase inhibitors for inflammatory bowel disease: A systematic review and meta-analysis. Article. *Dermatologica Sinica*. Jul-Sep 2024;42(3)doi:10.4103/ds.DS-D-23-00241
11. Lin MY, Kang YN, Apriliyasari RW, Tsai PS. Association Between Social Jetlag and Components of Metabolic Syndrome: A Systematic Review and Meta-Analysis. Article. *Journal of Nursing Research*. Oct 2024;32(5)e354. doi:10.1097/jnr.0000000000000628
12. Li YR, Kang YN, Chen KH. Variability of corticosteroid effects in cardiac arrest patients across age groups. Letter. *Am J Emerg Med*. Nov 2024;85:246-248. doi:10.1016/j.ajem.2024.06.014
13. Li MY, Chien WY, Kang YN, Chen CH. Efficacy and Safety of Fillers for the Treatment of Nasolabial Folds: A Network meta-Analysis of Randomized Controlled Trials. Article. *Aesthet Plast Surg*. Sep 2024;48(17):3452-3462. doi:10.1007/s00266-024-03889-3
14. Lee CC, Chen YW, Kang YN, et al. Efficacy of natural products in preventing oral mucositis resulting from cancer therapies: A network meta-analysis of randomized controlled trials. Review. *Critical Reviews in Oncology Hematology*. Jul 2024;199104373. doi:10.1016/j.critrevonc.2024.104373
15. Kang YN, Chen CH, Lin TJ. Further Studies are Needed for Testing the Effects of Topical Conditioned Medium of Stem Cells in Facial Skin Nonsurgical Resurfacing Modalities for Antiaging. Letter. *Aesthet Plast Surg*. Jan 2024;48(1):8-10. doi:10.1007/s00266-022-03228-4
16. Hoang KD, Chen JH, Huang TW, Kang YN, Chen CH. Oral aspirin for preventing colorectal adenoma recurrence: A systematic review and network meta-analysis of randomized controlled trials. Article. *PLoS One*. Mar 2024;19(3)e0279784. doi:10.1371/journal.pone.0279784
17. Fang CS, Chang SL, Kang YN, Fang CJ, Chou FH. Response to letter to the editor: Evaluating meta-analysis robustness with trial sequential analysis. Article. *Journal of Clinical Nursing*. Nov 2024;33(11):4520-4522. doi:10.1111/jocn.17349
18. Chien WY, Huang HM, Kang YN, Chen KH, Chen CH. Stem cell-derived conditioned medium for alopecia: A systematic review and meta-analysis. Review. *J Plast Reconstr Aesthet Surg*. Jan 2024;88:182-192. doi:10.1016/j.bjps.2023.10.060
19. Chi KY, Lee PL, Chowdhury I, et al. Beta-blockers for secondary prevention following

- myocardial infarction in patients without reduced ejection fraction or heart failure: an updated meta-analysis. Article; Early Access. *Eur J Prev Cardiol.* 2024 Oct 2024;doi:10.1093/eurjpc/zwae298
20. Chen LY, Kang YN, Hoang KD, Chen KH, Chen CH. Intradermal Injection of Tranexamic Acid for the Treatment of Adult Melasma: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Article; Early Access. *Facial Plast Surg Aesthet Med.* 2024 Nov 2024;doi:10.1089/fpsam.2024.0187
 21. Wu TJ, Huang YL, Kang YN, Chiu WK, Chen JH, Chen CH. Comparing the efficacy of different steroids for rhinoplasty: A systematic review and network meta-analysis of randomized controlled trials. Review. *J Plast Reconstr Aesthet Surg.* Sep 2023;84:121-131. doi:10.1016/j.bjps.2023.04.087
 22. Wang TH, Kang YN, Lin WY, Chi KY. VALVE POSITIONS UPON WHICH CARDIAC SURGEONS OPERATE SHOULD BE TAKEN INTO CONSIDERATION. Letter. *Canadian Journal of Surgery.* 2023;66(5):E472-E473. doi:10.1503/cjs.010122-l
 23. Pu SY, Huang YL, Pu CM, et al. Effects of Oral Collagen for Skin Anti-Aging: A Systematic Review and Meta-Analysis. Review. *Nutrients.* Apr 2023;15(9):2080. doi:10.3390/nu15092080
 24. Lin TJ, Huang YL, Kang YN, Chen CF. Effectiveness of Topical Conditioned Medium of Stem Cells in Facial Skin Nonsurgical Resurfacing Modalities for Antiaging: Systematic Review and Meta-Analysis of Randomized Controlled Trials. Review; Early Access. *Aesthet Plast Surg.* 2023;9. doi:10.1007/s00266-012-03168-z
 25. Lin DZ, Chen Y, Kang YN, Chiu WK. The Impact of Obesity on Plastic Surgery Outcomes: A Systematic Review and Meta-Analysis. Letter. *Aesthet Surg J.* Mar 2023;43(4):NP293-NP294. doi:10.1093/asj/sjac310
 26. Li MY, Huang YL, Chen JH, Kang YN, Chen CH. Effectiveness and Safety of Energy-Based Devices for Acne Scars: A Network Meta-analysis of Randomized Controlled Trials. Article; Early Access. *Facial Plast Surg Aesthet Med.* 2023;7. doi:10.1089/fpsam.2022.0383
 27. Lee SW, Kuo N, Hou SK, Kang YN. Effects of morphine and P2Y inhibitor amongst patients with acute coronary syndrome: A meta-analysis of comparative studies. Article. *Am J Emerg Med.* Aug 2023;70:119-126. doi:10.1016/j.ajem.2023.05.010
 28. Kei KF, Chen CH, Kang YN. Further Studies are Still Needed to Test Whether Fat Grafting Reduce Postmastectomy Pain. Article. *Aesthet Plast Surg.* Oct 2023;47(5):2199-2202. doi:10.1007/s00266-023-03351-w
 29. Kao YC, Lin DZ, Kang YN, Chang CJ, Chiu WK, Chen CH. Efficacy of Laser in Hair Removal: A Network Meta-analysis. Article. *Journal of Cosmetic and Laser Therapy.* May 2023;25(1-4):7-19. doi:10.1080/14764172.2023.2221838
 30. Huang YT, Chang Y, Kang YN, et al. Impact of perioperative $\alpha 1$ -antagonists on postoperative urinary retention in orthopaedic surgery: meta-analysis. Review. *BJS Open.* Jan 2023;7(1)zrac144. doi:10.1093/bjsopen/zrac144

31. Hsiao WJ, Chen CY, Kang YN, et al. Apolipoprotein E4 allele is genetically associated with risk of the short- and medium-term postoperative cognitive dysfunction: A meta-analysis and trial sequential analysis. Article. *PLoS One*. Feb 2023;18(2):e0282214. doi:10.1371/journal.pone.0282214
32. Chiu HY, Chiang CM, Kang YN, et al. Development of a social cognitive career theory scale for measuring the intention to select surgery as a career. Article. *Heliyon*. Nov 2023;9(11):e21685. doi:10.1016/j.heliyon.2023.e21685
33. Chien WY, Huang YL, Chiu WK, Kang YN, Chen CH. Tissue Sealants for Facial Rhytidectomy: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Review. *Facial Plast Surg Aesthet Med*. Apr 2023;25(2):90-96. doi:10.1089/fpsam.2022.0160
34. Chi SC, Kang YN, Huang YM. Efficacy and safety profile of intravitreal dexamethasone implant versus antivascular endothelial growth factor treatment in diabetic macular edema: a systematic review and meta-analysis. Article. *Sci Rep*. May 2023;13(1):7428. doi:10.1038/s41598-023-34673-z
35. Chen YC, Issenberg SB, Chiu YJ, et al. Exploration of students' reaction in medical error events and the impact of personalized training on the speaking-up behavior in medical error events. Article. *Med Teach*. Apr 2023;45(4):368-374. doi:10.1080/0142159x.2022.2137394
36. Chen Y, Tsai CH, Bae TH, et al. Effectiveness of Botulinum Toxin Injection on Bruxism: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Review; Early Access. *Aesthet Plast Surg*. 2023;16. doi:10.1007/s00266-023-03256-8
37. Chen IC, Kang YN, Wang HJ, Chiu WK, Chen CH. Local Anesthesia for Postoperative Pain Control in Breast Augmentation Surgery: A Systematic Review and Network Meta-analysis of Randomized Controlled Trials. Letter. *Aesthet Plast Surg*. Jun 2023;47(SUPPL 1):140-141. doi:10.1007/s00266-022-03184-z
38. Chen IC, Huang YL, Kang YN, Chiu WK, Wang HJ, Chen CH. Endovascular Occlusive or Sclerosing Agent Monotherapy for Varicose Veins: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. Review; Early Access. *Angiology*. 2023 Aug 2023;doi:10.1177/00033197231199027
39. Chen HW, Wu JC, Kang YN, Chiu YJ, Hu SH. Assertive communication training for nurses to speak up in cases of medical errors: A systematic review and meta-analysis. Review. *Nurse Educ Today*. Jul 2023;126:105831. doi:10.1016/j.nedt.2023.105831
40. Chang Y, Lin WY, Chang YC, et al. The Association between Baseline Proton Pump Inhibitors, Immune Checkpoint Inhibitors, and Chemotherapy: A Systematic Review with Network Meta-Analysis. Review. *Cancers*. Jan 2023;15(1):19. 284. doi:10.3390/cancers15010284
41. Wu TJ, Chen KH, Chiu WK, et al. Optimal timing and effect of music therapy in patients with burn injuries: Systematic review and meta-analysis of randomized controlled trials. Review. *Burns*. Aug 2022;48(5):1069-1078. doi:10.1016/j.burns.2021.07.016
42. Wu JC, Chen HW, Chiu YJ, et al. Comparison of simulation-based interprofessional education

- and video-enhanced interprofessional education in improving the learning outcomes of medical and nursing students: A quasi-experimental study. Article. *Nurse Educ Today*. Nov 2022;118:7. 105535. doi:10.1016/j.nedt.2022.105535
43. Wang YH, Kang YN. Cyclosporine A May Be Noninferior to Mycophenolate Mofetil in the 1-Year Rejection Rate After Keratoplasty. Letter. *Cornea*. Feb 2022;41(2):E3-+. doi:10.1097/ico.0000000000002930
 44. Wang YH, Huang YA, Chen IH, Hou WH, Kang YN. Exercise for Trismus Prevention in Patients with Head and Neck Cancer: A Network Meta-Analysis of Randomized Controlled Trials. Article. *Healthcare*. Mar 2022;10(3):13. 442. doi:10.3390/healthcare10030442
 45. Wang YH, Huang LC, Tsai SHL, Chen YJ, Wu CL, Kang YN. Risk of intraoperative floppy iris syndrome among selective alpha-1 blockers-A consistency model of 6,488 cases. Article. *Front Med*. Aug 2022;9:12. 941130. doi:10.3389/fmed.2022.941130
 46. Tsai MC, Bai GH, Hung TY, Kang YN, Hou WH. Comparison of the Efficacy of Single-Injection Regional Analgesia Techniques for Total Abdominal Hysterectomy: A Systematic Review and Network Meta-Analysis. Review. *Pain Physician*. Nov 2022;25(8):543-+. doi:10.1016/j.ajem.2022.06.055
 47. Tsai HW, Lee PL, Kang YN. Is it the time to rethink how to use tranexamic acids in managing gastrointestinal bleeding? Letter. *Am J Emerg Med*. Sep 2022;59:162-164. doi:10.1016/j.ajem.2022.07.040
 48. Sun CY, Chen HP, Kang YN. Associations between pregnancy and symptoms of COVID-19 are worth further analysis. Letter. *Am J Emerg Med*. Nov 2022;61:224-225. doi:10.1016/j.ajem.2022.07.040
 49. Shen YC, Chiu WK, Kang YN, Chen C. Microneedling Monotherapy for Acne Scar: Systematic Review and Meta-Analysis of Randomized Controlled Trials. Review. *Aesthet Plast Surg*. Aug 2022;46(4):1913-1922. doi:10.1007/s00266-022-02845-3
 50. Liu KY, Lu YJ, Lin YC, Wei PL, Kang YN. Transversus abdominis plane block for laparoscopic colorectal surgery: A meta-analysis of randomised controlled trials. Review. *Int J Surg*. Aug 2022;104:9. 106825. doi:10.1016/j.ijssu.2022.106825
 51. Liu HM, Wu TJ, Liou CM, Chiu WK, Kang YN, Chen CH. Patient Comfort with Various Local Infiltration Anesthetics for Minor Oculoplastic Surgery: A Systematic Review and Network Meta-Analysis. Article. *J Plast Reconstr Aesthet Surg*. Sep 2022;75(9):3473-3484. doi:10.1016/j.bjps.2022.06.058
 52. Lin WY, Wang SS, Kang YN, et al. Do proton pump inhibitors affect the effectiveness of chemotherapy in colorectal cancer patients? A systematic review with meta-analysis. Review. *Front Pharmacol*. Dec 2022;13:13. 1048980. doi:10.3389/fphar.2022.1048980
 53. Lin TJ, Huang YL, Kang YN, Chen CF. Effectiveness of Topical Conditioned Medium of Stem Cells in Facial Skin Nonsurgical Resurfacing Modalities for Antiaging: Systematic Review and Meta-Analysis of Randomized Controlled Trials. Review; Early Access. *Aesthet Plast Surg*. 2022 Nov 2022;doi:10.1007/s00266-012-03168-z

54. Lai YH, Chen HY, Chiu HH, Kang YN, Wong SB. Peripheral Nervous System Adverse Events after the Administration of mRNA Vaccines: A Systematic Review and Meta-Analysis of Large-Scale Studies. Review. *Vaccines*. Dec 2022;10(12):12. 2174. doi:10.3390/vaccines10122174
55. Kuo N, Su NY, Hou SK, Kang YN. Effects of acetaminophen and ibuprofen monotherapy in febrile children: a meta-analysis of randomized controlled trials. Review. *Arch Med Sci*. Jul 2022;18(4):965-981. doi:10.5114/aoms/140875
56. Kang YN, Ho YW, Chu WL, Chou WS, Cheng SH. Effects and Safety of Lumbar Fusion Techniques in Lumbar Spondylolisthesis: A Network Meta-Analysis of Randomized Controlled Trials. Review. *Glob Spine J*. Apr 2022;12(3):493-502. 2192568221997804. doi:10.1177/2192568221997804
57. Huang TC, Chen CJ, Ding YF, Kang YN. Impact of induction chemotherapy with concurrent chemoradiotherapy on nasopharyngeal carcinoma: A meta-analysis of randomized controlled trials. Article. *Front Oncol*. Sep 2022;12:11. 965719. doi:10.3389/fonc.2022.965719
58. Huang CY, Cheng CJ, Chiou WF, Chang WC, Kang YN, Lee MH. Efficacy and safety of Duhuo Jisheng Decoction add-on bisphosphonate medications in patients with osteoporosis: A meta-analysis of randomized controlled trials. Article. *J Ethnopharmacol*. Jan 2022;283:12. 114732. doi:10.1016/j.jep.2021.114732
59. Ho YW, Chung PY, Hou SK, Chang ML, Kang YO. Should We Use Hyperbaric Oxygen for Carbon Monoxide Poisoning Management? A Network Meta-Analysis of Randomized Controlled Trials. Article. *Healthcare*. Jul 2022;10(7):13. 1311. doi:10.3390/healthcare10071311
60. Chi KY, Chiang MH, Kang YN, et al. Mechanical or biological heart valve for dialysis-dependent patients? A meta-analysis. Article. *J Thorac Cardiovasc Surg*. Jun 2022;163(6):2057-+. doi:10.1016/j.jtcvs.2020.05.101
61. Cheng SH, Chen CH, Chu WC, Kang YN. Comment on: "Effect of vitamin D monotherapy on indices of sarcopenia in community-dwelling older adults: a systematic review and meta-analysis" by Prokopidis et al. Letter. *J Cachexia Sarcopenia Muscle*. Oct 2022;13(5):2581-2583. doi:10.1002/jcsm.13038
62. Chen YY, Kang YN. Television viewing could associate with risk of venous thromboembolism. Letter; Early Access. *Eur J Prev Cardiol*. 2022;3. doi:10.1093/eurjpc/zwac138
63. Chen YC, Issenberg SB, Issenberg Z, Chen HW, Kang YN, Wu JC. Factors associated with medical students' speaking-up about medical errors: A cross-sectional study. Article. *Med Teach*. Jan 2022;44(1):38-44. doi:10.1080/0142159x.2021.1959904
64. Chen WT, Kang YN, Wang TC, et al. Does ultrasound education improve anatomy learning? Effects of the Parallel Ultrasound Hands-on (PUSH) undergraduate medicine course. Article. *BMC Med Educ*. Mar 2022;22(1):8. 207. doi:10.1186/s12909-022-03255-4
65. Chen PC, Lu YR, Kang YN, Chang CC. The Accuracy of Artificial Intelligence in the Endoscopic Diagnosis of Early Gastric Cancer: Pooled Analysis Study. Article. *J Med Internet Res*. May 2022;24(5):13. e27694. doi:10.2196/27694

66. Chen IC, Kang YN, Wang HJ, Chiu WK, Chen C. The Efficacy of Local Anesthesia for Postoperative Pain Control in Breast Augmentation Surgery: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. Review. *Aesthet Plast Surg*. Jun 2022;46(3):1106-1115. doi:10.1007/s00266-022-02815-9
67. Chen HW, O'Donnell JM, Chiu YJ, et al. Comparison of learning outcomes of interprofessional education simulation with traditional single-profession education simulation: a mixed-methods study. Article. *BMC Med Educ*. Aug 2022;22(1):12. 651. doi:10.1186/s12909-022-03640-z
68. Chang PH, Liu CW, Hung SH, Kang YN. Effect of N-acetyl-cysteine in prevention of noise-induced hearing loss: a systematic review and meta-analysis of randomized controlled trials. Review. *Arch Med Sci*. Nov 2022;18(6):1535-1541. doi:10.5114/aoms/109126
69. Chang KY, Chen YC, Yeh SC, et al. A Consistency Model for Identifying the Effects of n-3 and n-6 Fatty Acids on Lipoproteins in Dialysis Patients. Article. *Nutrients*. Mar 2022;14(6):14. 1250. doi:10.3390/nu14061250
70. Wu PC, Hung CS, Kang YN, Wu CC. Tolerability and Optimal Therapeutic Dosage of Clomipramine for Premature Ejaculation: A Systematic Review and Meta-Analysis. Review. *Sex Med*. Feb 2021;9(1):10. 100283. doi:10.1016/j.esxm.2020.10.011
71. Wang TC, Chen WT, Kang YN, et al. Why do pre-clinical medical students learn ultrasound? Exploring learning motivation through ERG theory. Article. *BMC Med Educ*. Aug 2021;21(1):9. 438. doi:10.1186/s12909-021-02869-4
72. Su PY, Lee YH, Kuo LN, et al. Efficacy of AST-120 for Patients With Chronic Kidney Disease: A Network Meta-Analysis of Randomized Controlled Trials. Article. *Front Pharmacol*. Jul 2021;12:10. 676345. doi:10.3389/fphar.2021.676345
73. Lin YC, Chen CY, Chang CC, Kang YN. Letter: is there no conclusive evidence for the effect of tranexamic acid on mortality in gastrointestinal bleeding? Letter. *Aliment Pharmacol Ther*. Aug 2021;54(4):523-525. doi:10.1111/apt.16502
74. Lee PL, Yang KS, Tsai HW, Hou SK, Kang YN, Chang CC. Tranexamic acid for gastrointestinal bleeding: A systematic review with meta-analysis of randomized clinical trials. Review. *Am J Emerg Med*. Jul 2021;45:269-279. doi:10.1016/j.ajem.2020.08.062
75. Kao YL, Huang YC, Tsai SC, Lai MT, Kang YN. Effects of implants with steroids after endoscopic sinus surgery: A systematic review with meta-analysis of randomized controlled trials. Review. *Int Forum Allergy Rhinol*. Dec 2021;11(12):1663-1675. doi:10.1002/alr.22850
76. Kang YN, Chang CC. Response to letter to the editor: Appropriate data synthesis provide reliable evidence regarding efficacy of FOY in preventing post endoscopic retrograde cholangiopancreatography pancreatitis. Letter. *J Formos Med Assoc*. Sep 2021;120(9):1798-1799. doi:10.1016/j.jfma.2021.04.004
77. Huang YJ, Tai C, Kang YN, Wei PL. Early versus delayed surgery after short-course radiotherapy for rectal cancer: A network meta-analysis of randomized controlled trials (vol S1015, 30824, 2019). Correction. *Asian J Surg*. Feb 2021;44(2):526-526. doi:10.1016/j.asjsur.2020.12.008

78. Huang YJ, Kang YN, Huang YM, Wu AT, Wang W, Wei PL. Effects of laparoscopic vs robotic-assisted mesorectal excision for rectal cancer: An update systematic review and meta-analysis of randomized controlled trials (vol 42, pg 657, 2019). Correction. *Asian J Surg*. Jan 2021;44(1):429-429. doi:10.1016/j.asjsur.2020.12.010
79. Huang YA, Wang YH, Hou WH, Kang YN. Melodic intonation therapy may improve repetition in non-fluent aphasia after stroke. Letter. *Psychogeriatrics*. Sep 2021;21(5):850-851. doi:10.1111/psyg.12744
80. Huang PJ, Kang YN, Tsai PS, Tai YT, Huang CS, Huang CJ. Noninferior of desflurane to sevoflurane in the occurrence of adverse respiratory events during laryngeal mask airway anesthesia in pediatrics. Letter. *Minerva Anesthesiol*. Feb 2021;87(2):241-242. doi:10.23736/s0375-9393.20.14955-1
81. Ho YW, Lee PL, Kang YN. Is Tranexamic Acid for Upper Gastrointestinal Bleeding Under Debate? Letter. *Ann Emerg Med*. Feb 2021;77(2):279-281. doi:10.1016/j.annemergmed.2020.09.441
82. Chou CL, Chen JS, Kang YN, Chen YJ, Fang TC. Association of polyunsaturated fatty acids with improved heart rate variability and cardiovascular events in patients with end-stage renal disease receiving maintenance dialysis: a systematic review and meta-analysis of randomized controlled trials. Review. *Food Funct*. Sep 2021;12(17):8090-8099. doi:10.1039/d1fo00510c
83. Chiu YJ, Chen SC, Kang YN, Hou SK, Chao CC, Chang CC. Efficacy of gabexate mesilate in preventing post endoscopic retrograde cholangiopancreatography pancreatitis: A meta-analysis of randomized clinical trials. Article. *J Formos Med Assoc*. Apr 2021;120(4):1090-1099. doi:10.1016/j.jfma.2020.10.034
84. Chiang KJ, Chiu LC, Kang YN, Chen CH. Autologous Stem Cell Therapy for Chronic Lower Extremity Wounds: A Meta-Analysis of Randomized Controlled Trials. Article. *Cells*. Dec 2021;10(12):17. 3307. doi:10.3390/cells10123307
85. Chi SC, Kang YN, Huang YM. Systematic review with network meta-analysis of antivascular endothelial growth factor use in managing polypoidal choroidal vasculopathy. Review. *Sci Rep*. Feb 2021;11(1):9. 2735. doi:10.1038/s41598-021-82316-y
86. Chi KY, Cheng SH, Kuo YK, Lin EY, Kang YN. Safety of Lumbar Interbody Fusion Procedures for Degenerative Disc Disease: A Systematic Review With Network Meta-Analysis of Prospective Studies. Review. *Glob Spine J*. Jun 2021;11(5):751-760. 2192568220938024. doi:10.1177/2192568220938024
87. Cheng SH, Chen KH, Chen CF, Chu WC, Kang YN. The Optimal Strategy of Vitamin D for Sarcopenia: A Network Meta-Analysis of Randomized Controlled Trials. Article. *Nutrients*. Oct 2021;13(10):14. 3589. doi:10.3390/nu13103589
88. Cheng C, Liao AHW, Chen CY, Lin YC, Kang YN. A systematic review with network meta-analysis on mono strategy of anaesthesia for preeclampsia in caesarean section. Article. *Sci Rep*. Mar 2021;11(1):12. 5630. doi:10.1038/s41598-021-85179-5

89. Chen KT, Kang YN, Lin YC, et al. Efficacy and Safety of Mineralocorticoid Receptor Antagonists in Kidney Failure Patients Treated with Dialysis A Systematic Review and Meta-Analysis. Article. *Clin J Am Soc Nephrol*. Jun 2021;16(6):916-925. doi:10.2215/cjn.15841020
90. Chen CY, Kang YN, Kuo KN, Glasziou P, Chen KH. Increasing retractions of meta-analyses publications for methodological flaw. Letter. *Syst Rev*. Oct 2021;10(1):3. 267. doi:10.1186/s13643-021-01822-2
91. Chen CH, Kang YN, Chiu PY, et al. Effectiveness of shared decision-making intervention in patients with lumbar degenerative diseases: A randomized controlled trial. Article. *Patient Educ Couns*. Oct 2021;104(10):2498-2504. doi:10.1016/j.pec.2021.03.002
92. Yang KH, Kao WF, Lin YK, et al. REDUCING LENGTH OF STAY AND IMPROVING QUALITY OF CARE BY IMPLEMENTATION OF INFORMATICS SYSTEM AND CARE BUNDLE IN THE INTENSIVE CARE UNIT. Article. *Rev Investig Clin*. Jan-Feb 2020;72(1):25-31. doi:10.24875/ric.19003183
93. Tuan HI, Chi SC, Kang YN. An Updated Systematic Review With Meta-Analysis Of Randomized Trials On Topical Cyclosporin A For Dry-Eye Disease. Review. *Drug Des Dev Ther*. 2020;14:265-274. doi:10.2147/dddt.S207743
94. Tsai YS, Hsu LW, Wu MS, Chen KH, Kang YN. Effects of Tranexamic Acid on Hemoptysis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Review. *Clin Drug Invest*. Sep 2020;40(9):789-797. doi:10.1007/s40261-020-00946-y
95. Tai TE, Wu CC, Kang YN, Wu JC. Effects of Retzius sparing on robot-assisted laparoscopic prostatectomy: a systematic review with meta-analysis. Review. *Surg Endosc*. Sep 2020;34(9):4020-4029. doi:10.1007/s00464-019-07190-2
96. Su YF, Cheng SW, Chang CC, Kang YN. Efficacy and safety of traction-assisted endoscopic submucosal dissection: a meta-regression of randomized clinical trials. Review. *Endoscopy*. May 2020;52(5):338-348. doi:10.1055/a-1106-3761
97. Su PY, Chiu HH, Kang YN. Do angiotensin receptor blockers prevent cardiac events in patients with Marfan syndrome? Letter. *Eur J Prev Cardiol*. Dec 2020;27(19):2067-2068. 2047487319885459. doi:10.1177/2047487319885459
98. Li MY, Chen JH, Chen C, Kang YN. Association between Egg Consumption and Cholesterol Concentration: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Review. *Nutrients*. Jul 2020;12(7):14. 1995. doi:10.3390/nu12071995
99. Lee YH, Huang IH, Kang YN. Do Treatment Strategies of Fremanezumab Have Similar Effect on Migraine? Editorial Material. *Headache*. Feb 2020;60(2):473-475. doi:10.1111/head.13740
100. Lee PL, Suk FM, Kang YN. Letter: does tranexamic acid reduce the need for surgery in patients with upper gastrointestinal bleeding? Letter. *Aliment Pharmacol Ther*. Sep 2020;52(6):1088-1089. doi:10.1111/apt.15991
101. Lee CH, Kang YN, Ho CL, et al. Endocrine therapies in postmenopausal women with hormone receptor-positive, human epidermal growth factor receptor 2-negative, pretreated, advanced

- breast cancer A network meta-analysis. Review. *Medicine (Baltimore)*. Mar 2020;99(13):10. e19618. doi:10.1097/md.00000000000019618
102. Kang YN, Chi SC, Wu MH, Chiu HH. The effects of losartan versus beta-blockers on cardiovascular protection in marfan syndrome: A systematic review and meta-analysis. Review. *J Formos Med Assoc.* Jan 2020;119(1):182-190. doi:10.1016/j.jfma.2019.03.018
103. Hung TY, Wu CC, Chen LS, Kang YN. Safety of two common laparoscopic inguinal herniorrhaphy approaches: an updated systematic review with meta-analysis of randomized clinical trials. Review. *Transl Androl Urol.* Oct 2020;9(5):2007-+. doi:10.21037/tau-20-629
104. Huang YJ, Tai C, Kang YN, Wei PL. Early versus delayed surgery after short-course radiotherapy for rectal cancer: A network meta-analysis of randomized Controlled Trials. Article. *Asian J Surg.* Aug 2020;43(8):810-818. doi:10.1016/j.asjsur.2019.10.006
105. Huang IH, Wu PC, Lee YH, Kang YN. Optimal treatment strategy of fremanezumab in migraine prevention: a systematic review with network meta-analysis of randomized clinical trials. Article. *Sci Rep.* Oct 2020;10(1):10. 18609. doi:10.1038/s41598-020-75602-8
106. Hu KC, Salcedo D, Kang YN, et al. Impact of virtual reality anatomy training on ultrasound competency development: A randomized controlled trial. Article. *PLoS One.* Nov 2020;15(11):12. e0242731. doi:10.1371/journal.pone.0242731
107. Chiu HY, Kang YN, Wang WL, et al. Gender differences in the acquisition of suturing skills with the da Vinci surgical system. Article. *J Formos Med Assoc.* Jan 2020;119(1):462-470. doi:10.1016/j.jfma.2019.06.013
108. Chi SC, Kang YN, Hwang DK, Liu CJL. Selective laser trabeculoplasty versus medication for open-angle glaucoma: systematic review and meta-analysis of randomised clinical trials. Review. *Br J Ophthalmol.* Nov 2020;104(11):1500-1507. doi:10.1136/bjophthalmol-2019-315613
109. Cheng SH, Kuo YJ, Chen CF, Kang YN. Effects of teriparatide and bisphosphonate on spinal fusion procedure: A systematic review and network meta-analysis. Review. *PLoS One.* Sep 2020;15(9):13. e0237566. doi:10.1371/journal.pone.0237566
110. Chen KH, Chiu HH, Kang YN. How do baseline aortic root diameter, age and fibrillin-1 mutation affect the pooled effect of losartan on aortic dilatation? Letter. *Eur J Prev Cardiol.* Dec 2020;27(19):2077-2078. 2047487319870014. doi:10.1177/2047487319870014
111. Wu PK, Yeh SC, Li SJ, Kang YN. Efficacy of Polyunsaturated Fatty Acids on Inflammatory Markers in Patients Undergoing Dialysis: A Systematic Review with Network Meta-Analysis of Randomized Clinical Trials. Review. *Int J Mol Sci.* Aug 2019;20(15):16. 3645. doi:10.3390/ijms20153645
112. Wu CL, Tuan HI, Kang YN. What Causes Heterogeneity in the Pooled Effect of Omega-3 on Dry Eye Symptom Score? Countries or Measurements? Letter. *Cornea.* Nov 2019;38(11):E54-E55. doi:10.1097/ico.0000000000002108
113. Wei PH, Chi SC, Kang YN. Potential Factors Affecting the Effects of Omega-3 on Tear Breakup Time Among Patients With Dry Eye. Letter. *Cornea.* Oct 2019;38(10):E47-E47.

doi:10.1097/ico.0000000000002093

114. Shih KW, Shen PY, Wu CC, Kang YN. Testicular versus percutaneous epididymal sperm aspiration for patients with obstructive azoospermia: a systematic review and meta-analysis. Review. *Transl Androl Urol*. Dec 2019;8(6):631-+. doi:10.21037/tau.2019.11.20
115. Lin TM, Chi JE, Chang CC, Kang YN. Do etoricoxib and indometacin have similar effects and safety for gouty arthritis? A meta-analysis of randomized controlled trials. Article. *J Pain Res*. 2019;12:83-91. doi:10.2147/jpr.S186004
116. Kang YN, Shen HN, Lin CY, et al. Does a Mobile app improve patients' knowledge of stroke risk factors and health-related quality of life in patients with stroke? A randomized controlled trial. Article. *BMC Med Inform Decis Mak*. Dec 2019;19(1):9. 282. doi:10.1186/s12911-019-1000-z
117. Kang YN, Chang CH, Kao CC, Chen CY, Wu CC. Development of a short and universal learning self-efficacy scale for clinical skills. Article. *PLoS One*. Jan 2019;14(1):11. e0209155. doi:10.1371/journal.pone.0209155
118. Huang YJ, Kang YN, Huang YM, Wu ATH, Wang W, Wei PL. Effects of laparoscopic vs robotic-assisted mesorectal excision for rectal cancer: An update systematic review and meta-analysis of randomized controlled trials. Review. *Asian J Surg*. Jun 2019;42(6):657-666. doi:10.1016/j.asjsur.2018.11.007
119. Huang IH, Wu PC, Lin EY, Chen CY, Kang YN. Effects of Anti-Calcitonin Gene-Related Peptide for Migraines: A Systematic Review with Meta-Analysis of Randomized Clinical Trials. Review. *Int J Mol Sci*. Jul 2019;20(14):16. 3527. doi:10.3390/ijms20143527
120. Hsu CW, Kang YN, Tseng SH. Effects of Therapeutic Exercise Intensity on Cerebral Palsy Outcomes: A Systematic Review With Meta-Regression of Randomized Clinical Trials. Review. *Front Neurol*. Jun 2019;10:9. 657. doi:10.3389/fneur.2019.00657
121. Hsieh PH, Su HY, Lin CY, Kang YN, Chang CC. Infection rate among nutritional therapies for acute pancreatitis: A systematic review with network meta-analysis of randomized controlled trials. Review. *PLoS One*. Jul 2019;14(7):16. e0219151. doi:10.1371/journal.pone.0219151
122. Chiu HY, Kang YN, Wang WL, et al. The Role of Active Engagement of Peer Observation in the Acquisition of Surgical Skills in Virtual Reality Tasks for Novices. Article. *J Surg Educ*. Nov-Dec 2019;76(6):1655-1662. doi:10.1016/j.jsurg.2019.05.004
123. Chi SC, Tuan HI, Kang YN. Effects of Polyunsaturated Fatty Acids on Nonspecific Typical Dry Eye Disease: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. Review. *Nutrients*. May 2019;11(5):15. 942. doi:10.3390/nu11050942
124. Cheng SW, Chang CC, Su YF, Kang YN. How does lesion size affect the pooled effect of traction-assisted endoscopic submucosal dissection on procedure time? A meta-regression. Letter. *World J Surg Oncol*. Sep 2019;17(1):3. 157. doi:10.1186/s12957-019-1699-0
125. Chen WA, Liu CC, Mnisi Z, Chen CY, Kang YN. Warming strategies for preventing hypothermia and shivering during cesarean section: A systematic review with network meta-analysis of randomized clinical trials. Review. *Int J Surg*. Nov 2019;71:21-28.

- doi:10.1016/j.ijssu.2019.09.006
126. Chen LS, Chen WC, Kang YN, Wu CC, Tsai LW, Liu MZ. Effects of transabdominal preperitoneal and totally extraperitoneal inguinal hernia repair: an update systematic review and meta-analysis of randomized controlled trials. Article. *Surg Endosc*. Feb 2019;33(2):418-428. doi:10.1007/s00464-018-6314-x
 127. Wu JC, Chi SC, Wu CC, Kang YN. Helps from flipped classroom in learning suturing skill: The medical students' perspective. Article. *PLoS One*. Oct 2018;13(10):13. e0204698. doi:10.1371/journal.pone.0204698
 128. Lin EY, Kuo YK, Kang YN. Effects of three common lumbar interbody fusion procedures for degenerative disc disease: A network meta-analysis of prospective studies. Review. *Int J Surg*. Dec 2018;60:224-230. doi:10.1016/j.ijssu.2018.11.009
 129. Kao CC, Lin YS, Chu HC, Fang TC, Wu MS, Kang YN. Association of Renal Function and Direct-Acting Antiviral Agents for HCV: A Network Meta-Analysis. Article. *J Clin Med*. Oct 2018;7(10):14. 314. doi:10.3390/jcm7100314
 130. Kang YN, Hsiao YW, Chen CY, Wu CC. Testicular sperm is superior to ejaculated sperm for ICSI in cryptozoospermia: An update systematic review and meta-analysis. Review. *Sci Rep*. May 2018;8:9. 7874. doi:10.1038/s41598-018-26280-0
 131. Huang YJ, Chen CY, Chen RJ, Kang YN, Wei PL. Topical diltiazem ointment in post-hemorrhoidectomy pain relief: A meta-analysis of randomized controlled trials. Article. *Asian J Surg*. Sep 2018;41(5):431-437. doi:10.1016/j.asjsur.2017.06.002
 132. Chiu HY, Kang YN. Pigtail Catheter Drainage Can Be Considered as the Initial Treatment Option for Patients With Pneumothorax Not Yet Determined Response. Letter. *Chest*. Oct 2018;154(4):995-996. doi:10.1016/j.chest.2018.07.003
 133. Chang SH, Kang YN, Chiu HY, Chiu YH. A Systematic Review and Meta-Analysis Comparing Pigtail Catheter and Chest Tube as the Initial Treatment for Pneumothorax. Review. *Chest*. May 2018;153(5):1201-1212. doi:10.1016/j.chest.2018.01.048
 134. Lin YC, Lin JW, Wu MS, Chen KC, Peng CC, Kang YN. Effects of calcium channel blockers comparing to angiotensin-converting enzyme inhibitors and angiotensin receptor blockers in patients with hypertension and chronic kidney disease stage 3 to 5 and dialysis: A systematic review and meta-analysis. Article. *PLoS One*. Dec 2017;12(12):18. e0188975. doi:10.1371/journal.pone.0188975