**Supplementary File B**

***Systematic Reviews Included in the Acute Wounds Scoping Review***

Abbas AM, Mohamed AA, Mattar OM, et al. 2020. Lidocaine-prilocaine cream versus local infiltration anesthesia in pain relief during repair of perineal trauma after vaginal delivery: a systematic review and meta-analysis. Journal of Maternal-Fetal & Neonatal Medicine, 33: 1064-1071.

Abdelhakim AM, Eldesouky E, Elmagd IA, et al. 2020. Antenatal perineal massage benefits in reducing perineal trauma and postpartum morbidities: a systematic review and meta-analysis of randomized controlled trials. International Urogynecology Journal, 31: 1735-1745.

Abouarab MH, Salem IL, Degheidy MM, et al. 2018. Therapeutic options and postoperative wound complications after extremity soft tissue sarcoma resection and postoperative external beam radiotherapy. Int Wound J, 15: 148-158.

Abtahi-Naeini B, Saffaei A, Sabzghabaee AM, et al. 2022. Topical sucralfate for treatment of mucocutaneous conditions: A systematic review on clinical evidences. Dermatol Therapy, 35: e15334.

Abul A, Karam M, Rahman S. 2020. Human Amniotic Membrane: A New Option for Graft Donor Sites - Systematic Review and Meta-analysis. International Wound Journal, 17: 547-554.

Acosta S, Björck M, Petersson U. 2017. Vacuum-Assisted wound closure and mesh-mediated fascial traction for open abdomen therapy - a systematic review. Anaesthesiology Intensive Therapy, 49: 139-45.

Adesope O, Ituk U, Habib AS. 2016. Local anaesthetic wound infiltration for postcaesarean section analgesia: A systematic review and meta-analysis. European J Anaesthesiol, 33: 731-742.

Agarwal S, D’Souza R, Ryu M, et al. 2021. Barbed versus conventional suture at cesarean delivery: A systematic review and meta-analysis. Acta Obstet Gyne Scand, doi.org/10.1111/aogs.14080.

Aguilera-Sáez J, Muñoz P, Serracanta J, et al. 2020. Extracorporeal shock wave therapy role in the treatment of burn patients. A systematic literature review. Burns, 46: 1525-1532.

Ahmadi A, Chicco M, et al. 2019. Stem cells in burn wound healing: systematic review. Burns, 45:1014-23.

Ahmed I, Boulton AJ, Rizvi S, et al. 2019. The use of triclosan-coated sutures to prevent surgical site infections: A systematic review and meta-analysis of the literature. BMJ Open, 9:e029727.

Ahmed K, Bashar K, Connelly TTM, et al. 2016. Reducing surgical site infections in abdominal surgery: Are ring retractors effective? A systematic review and meta-analysis. Surgical Infections, 17: 138-151.

Ailaney N, Johns WL, Golladay GJ, et al. 2020. Closed Incision Negative Pressure Wound Therapy for Elective Hip and Knee Arthroplasty: A Systematic Review and Meta-Analysis. J Arthroplasty, 36:2402-11.

Aird LNF, Brown CJ. 2012. Systematic review and meta-analysis of electrocautery versus scalpel for surgical skin incisions. American Journal of Surgery, 204: 216-221.

Aitchison LP, Chen AZL, Toms C, et al. 2022. To stitch or not to stitch: the skin closure of laparoscopic port sites, a meta-analysis. Surgical Endoscopy, 36:7140-59.

Al-Khamis A, McCallum I, King PM, et al. 2010. Healing by primary versus secondary intention after surgical treatment for pilonidal sinus. Cochrane Database of Systematic Reviews: CD006213.

Al Khaleefa N, Moore Z, Avsar P, et al. 2022. What is the impact of skincare bundles on the development of skin tears in older adults? A systematic review. International J Older People Nurs: e12455.

Al Riyees L, Al Madani W, Firwana N, et al. 2021. Antibiotic Prophylaxis against Surgical Site Infection after Open Hernia Surgery: A Systematic Review and Meta-Analysis. Euro Surg Res, 62: 121-133.

Albendary M, Mohamedahmed A, Alamin A, et al. 2022. Efficacy and safety of mesh closure in preventing wound failure following emergency laparotomy: systematic review. Langenbecks Arch Surg, 407:1333-44.

Ali E, Raghuvanshi M. 2017. Treatment of open upper limb injuries with infection prevention and negative pressure wound therapy: a systematic review. J Wound Care, 26: 712-719.

Allen G. 2020. Surgical Skin Prep: Systematic Review and Meta‐Analysis of Chlorhexidine Versus Povidone‐Iodine. AORN Journal, 112: 421-424.

Alrammaal H, Batchelor H, et al. 2019. Efficacy of perioperative cefuroxime as a prophylactic antibiotic in women requiring caesarean section: systematic review. Euro J Obstet Gyne Reproduct Biol, 242:71-8.

Ambe PC, Rombey T, Rembe JD, et al. 2020. The role of saline irrigation prior to wound closure in the reduction of surgical site infection: a systematic review. Patient Safety in Surgery, 14:47.

Angarita AM, Jayakumaran J, Di Mascio D, et al. 2022. Prophylactic negative pressure wound therapy on wound complications after cesarean delivery in women with obesity: a meta-analysis of randomized controlled trials. Am J Obstet Gynecol, 4: 100617.

Anggrahita T, Wardhana A, Sudjatmiko G. 2017. Chlorhexidine-alcohol versus povidone-Iodine as preoperative skin preparation to prevent surgical site infection: meta-analysis. Med J Indonesia*,* 26:54-61.

Antoniou GA, Onwuka CC, et al. 2019. Meta-analysis and trial sequential analysis of prophylactic negative pressure therapy for groin wounds in vascular surgery. J Vasc Surg, 70:1700-1710.e1706.

Apisarnthanarak A, Singh N, Bandong AN, et al. 2015. Triclosan-coated sutures reduce the risk of surgical site infections: A systematic review and meta-analysis Infection Control Hosp Epidemiol, 36: 169-179.

Ariyo P, Zayed B, Riese V, et al. 2019. Implementation strategies to reduce surgical site infections: A systematic review. Infection Control and Hospital Epidemiology, 40: 287-300.

Atema JJ, de Vries FEE, Boermeester MA. 2016. Systematic review and meta-analysis of the repair of potentially contaminated and contaminated abdominal wall defects. Am J Surg, 212: 982-995.

Avni T, Levcovich A, Ad-El DD, et al. 2010. Prophylactic antibiotics for burns patients: Systematic review and meta-analysis. BMJ, 340: 517.

Ayoub F, Quirke M, Conroy R, et al. 2015. Chlorhexidine-alcohol versus povidone-iodine for pre-operative skin preparation: A systematic review and meta-analysis. International Journal of Surgery Open, 1: 41-46.

Aziz Z, Abdul Rasool Hassan B. 2017. The effects of honey compared to silver sulfadiazine for the treatment of burns: A systematic review of randomized controlled trials. Burns, 43: 50-57.

Aziz Z, Abu SF, Chong NJ. 2012. A systematic review of silver-containing dressings and topical silver agents (used with dressings) for burn wounds. Burns, 38: 307-318.

Azzopardi EA, Azzopardi E, Camilleri L, et al. 2014. Gram negative wound infection in hospitalised adult burn patients--systematic review and metanalysis. PLoS ONE, 9: e95042.

Bairagi A, Griffin B, Banani T, et al. 2021. A systematic review and meta-analysis of randomized trials evaluating the efficacy of autologous skin cell suspensions for re-epithelialization of acute partial thickness burn injuries and split-thickness skin graft donor sites. Burns, 47: 1225-1240.

Bajwa MS, Tudur-Smith C, Shaw RJ, et al. 2017. Fibrin sealants in soft tissue surgery of the head and neck: A systematic review and meta-analysis. Clinical Otolaryngology, 42: 1141-1152.

Bakhsheshian J, Dahdaleh NS, Lam SK, et al. 2015. The use of vancomycin powder in modern spine surgery: systematic review and meta-analysis of the clinical evidence. World Neurosurg, 83: 816-823.

Baltodano PA, Chattha A, Johnson PK, et al. 2019. Postoperative prophylactic antibiotics reduce surgical site infection rates after ventral hernia repair: A systematic review. American Surgeon, 85: 1228-1233.

Bao J, Li J. 2021. The effect of type of ventilation used in the operating room and surgical site infection: A meta-analysis. Infect Control Hosp Epidemiol, 42:931-6.

Bedard NA, DeMik DE, Owens JM, et al. 2019. Tobacco Use and Risk of Wound Complications and Periprosthetic Joint Infection: Systematic Review. Procedures. J Arthroplasty, 34: 385.

Bekiaridou A, Karlafti E, Oikonomou IM, et al. 2021. Probiotics and Their Effect on Surgical Wound Healing: A Systematic Review and New Insights into the Role of Nanotechnology. Nutrients, 13:4265.

Belk JW, Kraeutler MJ, Smith JR, et al. 2020. Prevention of Cutibacterium acnes infection in arthroscopic shoulder surgery: a systematic review. J Shoulder Elbow Surg, 29: 867-873.

Benito DA, Pasick LJ, Bestourous D, et al. 2021. Outpatient vs inpatient parotidectomy: Systematic review and meta-analysis. Head and Neck, 43: 668-678.

Berner-Hansen V, Oma E, Willaume M, et al. 2021. Prophylactic negative pressure wound therapy after open ventral hernia repair: a systematic review and meta-analysis. Hernia, 25: 1481-1490.

Berner JE, Will P, Geoghegan L, et al. 2021. Safety and effectiveness of negative pressure therapy on free flaps following lower limb reconstruction: A systematic review. JPRAS, 74: 407-447.

Bhangu A, Singh P, Lundy J, et al. 2013. Systemic Review and Meta-analysis Comparing Primary vs Delayed Primary Skin Closure in Contaminated and Dirty Abdominal Incisions. JAMA Surg, 148:779-86.

Biancari F, Giordano S. 2019. Glycated Hemoglobin and the Risk of Sternal Wound Infection After Adult Cardiac Surgery: A Systematic Review and Meta-Analysis. Sem Thorac Cardiovasc Surg, 31: 465-467.

Bischoff P, Kubilay NZ, Allegranzi B, et al. 2017. Effect of laminar airflow ventilation on surgical site infections: a systematic review and meta-analysis. The Lancet Infectious Diseases, 17: 553-561.

Bokhari R, You E, Zeiler FA, et al. 2019. Effect of Intrawound Vancomycin on Surgical Site Infections in Nonspinal Neurosurgical Procedures: A Systematic Review. World Neurosurg, 123: 409.

Boland PA, Kelly ME, Donlon NE, et al. 2021. Prophylactic negative pressure wound therapy for closed laparotomy wounds: a systematic review and meta-analysis. Irish J Med Sci, 190: 261-267.

Boll G, Callas P, Bertges DJ. 2022. Meta-analysis of prophylactic closed-incision negative pressure wound therapy for vascular surgery groin wounds J Vasc Surg, 75: 2086.

Boonchan T, Wilasrusmee C, McEvoy M, et al. 2017. Network meta-analysis of antibiotic prophylaxis for prevention of surgical-site infection after groin hernia surgery. British Journal of Surgery, 104: e106-e117.

Boreland L, Scott-Hudson M, et al. 2015. The effectiveness of tight glycemic control on decreasing surgical site infections and readmission rates in adult patients with diabetes undergoing cardiac surgery: systematic review. Heart and Lung, 44:430-40.

Born LJ, Quiroga LH, Lagziel T, et al. 2022. Clinical outcomes in 'diabese' burn patients: A systematic review and meta-analysis. Burns, 48: 281-292.

Borzio RW, Pivec R, Kapadia BH, et al. 2016. Barbed sutures in total hip and knee arthroplasty: what is the evidence? A meta-analysis. International Orthopaedics, 40: 225-231.

Boulton AJ, Lewis CT, Naumann DN, et al. 2018. Prehospital haemostatic dressings for trauma: A systematic review. Emerg Med J, 35:449-57.

Bowder A, et al. 2021. Intravenous cephalosporin versus non-cephalosporin-based prophylaxis to prevent surgical site infections in colorectal surgery patients: systematic review. Ann Med Surg, 67:102401.

Bruhin A, Ferreira F, Chariker M, et al. 2014. Systematic review and evidence based recommendations for the use of negative pressure wound therapy in the open abdomen. Int J Surg, 12: 1105-1114.

Buscail E, Canivet C, Shourick J, et al. 2021. Perineal Wound Closure Following Abdominoperineal Resection and Pelvic Exenteration for Cancer: A Systematic Review. Cancers, 13: 721-721.

Cagney D, Simmons L, O'Leary DP, et al. 2020. The Efficacy of Prophylactic Negative Pressure Wound Therapy for Closed Incisions in Breast Surgery: A Systematic Review. World J Surg, 44:1526-37.

Cahill C, Fowler A, Williams LJ. 2018. The application of incisional negative pressure wound therapy for perineal wounds: A systematic review. International Wound Journal, 15: 740-748.

Cai B, Li K, Li G. 2022a. Impact of Obesity on Major Surgical Outcomes in Ovarian Cancer: Meta-Analysis. Frontiers Oncol, 12:841306.

Cai W, Wang L, Wang W, et al. 2022b. Systematic review and meta-analysis of the risk factors of surgical site infection in patients with colorectal cancer. Translational Cancer Res, 11: 857-871.

Cai Y, Xu K, Hou W, et al. 2017. Preoperative chlorhexidine reduces the incidence of surgical site infections in total knee and hip arthroplasty: A systematic review. International Journal of Surgery, 39: 221-228.

Carter BL, Damer KM, Walroth TA, et al. 2015. A Systematic Review of Vancomycin Dosing and Monitoring in Burn Patients. Journal of Burn Care & Research, 36: 641-650.

Carter EB, Temming LA, Fowler S, et al. 2017. Evidence-based bundles and cesarean delivery surgical site infections: A systematic review and meta-analysis. Obstet Gynecol, 130: 735-746.

Cataneo DC, Dos Reis TA, Felisberto G, et al. 2019. New sternal closure methods versus the standard closure method: Systematic review and meta-analysis. Interactive Cardiovasc Thorac Surg, 28: 432-40.

Cerciello S, Morris BJ, Lustig S, et al. 2016. The role of wound closure in total knee arthroplasty: a systematic review on knee position. Knee Surg Sports Traumatol Arthroscopy, 24: 3306-3312.

Chaganti P, Gordon I, Chao JH, et al. 2019. A systematic review of foam dressings for partial thickness burns. American Journal of Emergency Medicine, 37: 1184-1190.

Chambers D, Worthy G, Myers L, et al. 2010. Glycopeptide vs. non-glycopeptide antibiotics for prophylaxis of surgical site infections: A systematic review. Surg Inf, 11: 455-462.

Chang WK, Srinivasa S, MacCormick AD, et al. 2013. Gentamicin-collagen implants to reduce surgical site infection: Systematic review and meta-analysis of randomized trials. Annals of Surgery, 258: 59-65.

Chen D, Song J, Zhao Y, et al. 2016. Systematic review and meta-analysis of surgical zipper technique versus intracutaneous sutures for the closing of surgical incision. PLoS ONE, 11: e0162471.

Chen P-J, Hua Y-M, Toh HS, et al. 2021a. Topical antibiotic prophylaxis for surgical wound infections in clean and clean-contaminated surgery: a systematic review and meta-analysis. BJS Open, 5: zrab125.

Chen S, Chen JW, Guo B, et al. 2020. Preoperative Antisepsis with Chlorhexidine Versus Povidone-Iodine for the Prevention of Surgical Site Infection: a Systematic Review. World J Surg, 44:1412-24.

Chen Z-y, Gao Y, Chen W, et al. 2014. Is wound drainage necessary in hip arthroplasty? A meta-analysis of randomized controlled trials. European Journal of Orthopaedic Surgery and Traumatology, 24: 939-946.

Chen Z, Turxun N, Ning F. 2021b. Meta-analysis of the diagnostic value of procalcitonin in adult burn sepsis Adv Clin Exp Med, 30: 455-463.

Cheng H, Chen BP-H, Soleas IM, et al. 2017. Prolonged Operative Duration Increases Risk of Surgical Site Infections: A Systematic Review. Surgical Infections, 18: 722-735.

Chiesa-Estomba CM, Lechien JR, Fakhry N, et al. 2019. Systematic review of international guidelines for perioperative antibiotic prophylaxis. Head & Neck Surgery, 41: 3434-3456.

Chlebicki MP, Safdar N, O’Horo JC, et al. 2013. Preoperative chlorhexidine shower or bath for prevention of surgical site infection: A meta-analysis. Am J Inf Control, 41: 167-173.

Choi J, Lee JA, Alimoradi Z, et al. 2018. Aromatherapy for the relief of symptoms in burn patients: A systematic review of randomized controlled trials. Burns, 44: 1395-1402.

Chorath K, Go B, Shinn JR, et al. 2021. Enhanced recovery after surgery for head and neck free flap reconstruction: A systematic review and meta-analysis. Oral Oncology, 113: 105117.

Chow A, Marshall H, Zacharakis E, et al. 2010. Use of Tissue Glue for Surgical Incision Closure: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. J Am Coll Surg, 211: 114-25.

Cirocchi R, et al. 2016. What is the effectiveness of the negative pressure wound therapy in patients treated with open abdomen technique? Systematic review. J Trauma Acute Care Surg, 81:575-84.

Cleary M, Kornhaber R, Thapa DK, et al. 2020. A quantitative systematic review assessing the impact of burn injuries on body image. Body image, 33: 47-65.

Coccolini F, Catena F, Pisano M, et al. 2015. Open versus laparoscopic cholecystectomy in acute cholecystitis. Systematic review and meta-analysis. International Journal of Surgery, 18: 196-204.

Coccolini F, Improta M, Cicuttin E, et al. 2021. Surgical site infection prevention and management in immunocompromised patients: a systematic review of the literature. WJES, 16: 33.

Cochetti G, Abraha I, Randolph J, et al. 2020. Surgical wound closure by staples or sutures?: Systematic review. Medicine, 99: e20573.

Cohen B, Schacham YN, Ruetzler K, et al. 2018. Effect of intraoperative hyperoxia on the incidence of surgical site infections: a meta-analysis. BJA, 120: 1176-1186.

Coletta D, Del Basso C, et al. 2019. Subcutaneous suction drains do not prevent surgical site infections in clean-contaminated abdominal surgery- systematic review. Langenbecks Arch Surg, 404:663-8.

Condé-Green A, Marano AA, Lee ES, et al. 2016. Fat Grafting and Adipose-Derived Regenerative Cells in Burn Wound Healing and Scarring: A Systematic Review. Plastic Reconstruct Surg, 137:302-12.

Copeland-Halperin LR, Reategui Via y Rada ML, Levy J, et al. 2020. Does the timing of postoperative showering impact infection rates? A systematic review. J Plastic Reconstruct Aesth Surg, 73:1306-11.

Cristaudo A, Jennings S, Gunnarsson R, et al. 2017. Complications and Mortality Associated with Temporary Abdominal Closure Techniques: A Systematic Review and Meta-Analysis. Am Surg, 83: 191-216.

Daher GS, Choi KY, Wells JW, et al. 2022. A Systematic Review of Oral Nutritional Supplement and Wound Healing. Ann Otol Rhinol Laryngol: 34894211069437.

Dalfino L, Giglio MT, Puntillo F, et al. 2011. Haemodynamic goal-directed therapy and postoperative infections: earlier is better. A systematic review and meta-analysis. Critical Care, 15: R154.

Dalmedico MM, Meier MJ, Felix JVC, et al. 2016. Hyaluronic acid covers in burn treatment: a systematic review. Revista da Escola de Enfermagem da U S P, 50: 522-528.

Damiani G, Pinnarelli L, Sommella L, et al. 2011. Vacuum-assisted closure therapy for patients with infected sternal wounds: A meta-analysis of current evidence. J Plastic Reconstruct Aesth Surg, 64: 1119-1123.

Dang J, Lin M, Tan C, et al. 2021. Use of Infrared Thermography for Assessment of Burn Depth and Healing Potential: A Systematic Review. J Burn Care Res, 10.1093/jbcr/irab108.

Daoud FC, Edmiston CE, Leaper D. 2014. Meta-analysis of prevention of surgical site infections following incision closure with triclosan-coated sutures: Robustness to new evidence. Surg Infect, 15: 165-81.

Davidoff CL, Rogers JM, Simons M, et al. 2018. A systematic review and meta-analysis of wound drains in non-instrumented lumbar decompression surgery. Journal of Clinical Neuroscience, 53: 55-61.

Davies A, Spickett-Jones F, Jenkins ATA, et al. 2020. A systematic review of intervention studies demonstrates the need to develop a minimum set of indicators to report the presence of burn wound infection. Burns, 46:1487-97.

Dayton P, Feilmeier M, Sedberry S. 2013. Does postoperative showering or bathing of a surgical site increase the incidence of infection? A systematic review of the literature. J Foot Ankle Surg, 52: 612-614.

de Jesus Catalã CA, Pan R, Kron-Rodrigues MR, et al. 2021. Virtual reality therapy to control burn pain: systematic review of randomized controlled trials. J Burn Care Res, 43:880-8.

de Jonge SW, Atema JJ, Solomkin JS, et al. 2017a. Meta-analysis and trial sequential analysis of triclosan-coated sutures for the prevention of surgical-site infection. British Journal of Surgery, 104: e118-e133.

de Jonge SW, Boldingh QJ et al. 2017b. Systematic review of randomized trials evaluating prophylactic intra-operative wound irrigation for the prevention of surgical site infections. Surg Infect, 18:508-19.

de Jonge SW, Boldingh QJ, Solomkin JS, et al. 2020. Effect of postoperative continuation of antibiotic prophylaxis on the incidence of surgical site infection: a systematic review. Lancet Infect Dis, 20:1182-92.

de Jonge SW, Gans SL, Atema JJ, et al. 2017c. Timing of preoperative antibiotic prophylaxis in 54,552 patients and the risk of surgical site infection: A systematic review. Medicine, 96: e6903.

De Oliveira Sá MPB, Ferraz PE, Escobar RR, et al. 2013. Skeletonized versus pedicled internal thoracic artery and risk of sternal wound infection after coronary bypass surgery: Meta-analysis and meta-regression of 4817 patients. Interactive Cardiovascular and Thoracic Surgery, 16: 849-857.

de Vries FEE, Gans SL, Solomkin JS, et al. 2017. Meta-analysis of lower perioperative blood glucose target levels for reduction of surgical-site infection. British Journal of Surgery, 104: e95-e105.

de Vries FEE, Wallert ED, Solomkin JS, et al. 2016. A systematic review and meta-analysis including GRADE qualification of the risk of surgical site infections after prophylactic negative pressure wound therapy compared with conventional dressings in clean and contaminated surgery. Medicine, 95:e4673.

Delpachitra MR, Heal C, Banks J, et al. 2019. Risk Factors for Surgical Site Infection in Minor Dermatological Surgery: A Systematic Review. Adv Skin Wound Care, 32: 217-226.

Denys A, Monbailliu T, Allaeys M, et al. 2020. Management of abdominal wound dehiscence: update of the literature and meta-analysis. Hernia, 25: 449-62.

Djärv T, Douma M, Palmieri T, et al. 2022. Duration of cooling with water for thermal burns as a first aid intervention: A systematic review. Burns, 48: 251-262.

Domingos CMH, Iida LIS, Poveda VdB. 2016. Glycemic control strategies and the occurrence of surgical site infection: a systematic review. Revista da Escola de Enfermagem da U S P, 50: 868-874.

Ebrahimi P, Hadilou M, Naserneysari F, et al. 2021. Effect of photobiomodulation in secondary intention gingival wound healing-a systematic review and meta-analysis. BMC Oral Health, 21: 258.

Eckler R, Quist-Nelson J, Saccone G, et al. 2019. Adhesive incisional drapes during cesarean delivery for preventing wound infection: A systematic review. Euro J Obstet Gynecol Reprod Biol, 4:100090.

Edgar DW, Fish JS, Gomez M, et al. 2011. Local and systemic treatments for acute edema after burn injury: a systematic review of the literature. J Burn Care Res, 32: 334-347.

Edmiston Jr C, Daoud F, Leaper D. 2013. Is there an evidence-based argument for embracing an antimicrobial (triclosan)-coated suture technology to reduce the risk for surgical-site infections?: A meta-analysis. Surg*,* 154:89-100.

Egbunah UP, Adamson O, Fashina A, et al. 2021. Comparing the Treatment Outcomes of Absorbable Sutures, Nonabsorbable Sutures, and Tissue Adhesives in Cleft Lip Repair: A Systematic Review. Cleft Palate-Craniofacial Journal, 59: doi.org/10.1177/1055665621996107.

Elhage KG, Awad ME, Irfan FB, et al. 2022. Closed-incision negative pressure therapy at -125 mmHg significantly reduces surgical site complications following total hip and knee arthroplasties: A stratified meta-analysis of randomized controlled trials. Health Sci Rep, 5: e425.

ElHawary H, Hintermayer MA, Alam P, et al. 2021. Decreasing Surgical Site Infections in Plastic Surgery: A Systematic Review and Meta-analysis of Level 1 Evidence. Aesth Surg J, 41: NP948-NP958.

Erdas E, Medas F, Pisano G, et al. 2016. Antibiotic prophylaxis for open mesh repair of groin hernia: systematic review and meta-analysis. Hernia, 20: 765-776.

Evaniew N, Khan M, Drew B, et al. 2015. Intrawound vancomycin to prevent infections after spine surgery: a systematic review and meta-analysis. European Spine Journal, 24: 533-542.

Fang C, Zhu T, Zhang P, et al. 2017. Risk factors of neurosurgical site infection after craniotomy: A systematic review and meta-analysis. Am J Inf Control, 45: e123-e134.

Farmer N, Hodgetts-Morton V. 2020. Are prophylactic adjunctive macrolides efficacious against caesarean section surgical site infection: systematic review. Euro J Obstet Gynecol Reprod Biol, 244:163-71.

Feeley AA, Feeley TB, Feeley IH, et al. 2021. Postoperative Infection Risk in Total Joint Arthroplasty After Perioperative IV Corticosteroid Administration: A Systematic Review. J Arthroplasty, 36: 3042-53.

Feng J, Jiang X, Zhi Z. 2021. Subcuticular sutures versus staples for skin closure in patients undergoing abdominal surgery: A meta-analysis of randomized controlled trials. PloS one, 16: e0251022.

Feng W, Lin S, Huang D, et al. 2020. Surgical hand rubbing versus surgical hand scrubbing: Systematic review and meta-analysis of efficacy. Injury, 51: 1250-1257.

Fischer MI, Dias C, Stein A, et al. 2014. Antibiotic prophylaxis in obese patients submitted to bariatric surgery. A systematic review. Acta Cirurgica Brasileira, 29: 209-217.

Forget V, et al. 2022. What is the benefit of preoperative washing with chlorhexidine gluconate-impregnated cloths on the incidence of surgical site infections? Systematic review. Infect Dis Now, 52:185-92.

Franco LMD, Cota GF, Pinto TS, et al. 2017. Preoperative bathing of the surgical site with chlorhexidine for infection prevention: Systematic review with meta-analysis. Am J Infect Control, 45: 343-349.

Fu C, Meng L, Ma M, et al. 2022. Effect of wound irrigation on the prevention of surgical site infections: A meta-analysis. Int Wound J, 19:1878-86.

Gachabayov M, Lee H, Chudner A, et al. 2019. Purse-string vs. linear skin closure at loop ileostomy reversal: a systematic review and meta-analysis. Techniques in Coloproctology, 23: 207-220.

Gande A, Rosinski A, Cunningham T, et al. 2019. Selection pressures of vancomycin powder use in spine surgery: A meta-analysis. The Spine Journal, 19: 1076-1084.

Gao J, Li P, Li Q, et al. 2013. Comparison between single-incision and conventional three-port laparoscopic appendectomy: A meta-analysis from eight RCTs. Int J Colorectal Dis, 28: 1319-1327.

Gao J, Wang Y, Song J, et al. 2021. Negative pressure wound therapy for surgical site infections: A systematic review and meta-analysis. J Adv Nurs, 77: 3980-3990.

Garg P, Menon GR, Gupta V. 2016. Laying open (deroofing) and curettage of sinus as treatment of pilonidal disease: a systematic review and meta-analysis. ANZ J Surg, 86: 27-33.

Garip M, Van Dessel J, Grosjean L, et al. 2021. The impact of smoking on surgical complications after head and neck reconstructive surgery with a free vascularised tissue flap: a systematic review and meta-analysis. Br J Oral Maxillofacial Surg, 59: e79-e98.

Gasteratos K, Papakonstantinou M, Man A, et al. 2022. Adjunctive Nonpharmacologic Interventions for the Management of Burn Pain: A Systematic Review. Plast Reconstruct Surg, 149: 985e-994e.

Gastmeier P, Breier AC, Brandt C. 2012. Influence of laminar airflow on prosthetic joint infections: A systematic review. J Hosp Inf, 81: 73-78.

Geers NC, Zegel M, Huybregts J et al. 2018. The Influence of Preoperative Interventions on Postoperative Surgical Wound Healing in Patients Without Risk Factors: Systematic Review. Aesth Surg J, 38:1237-49.

George S, Leasure AR, Horstmanshof D. 2016. Effectiveness of Decolonization With Chlorhexidine and Mupirocin in Reducing Surgical Site Infections: Systematic Review. Dimen Crit Care Nurs, 35:204-22.

Gheorghe A, et al. 2012. Systematic review of the clinical effectiveness of wound-edge protection devices in reducing surgical site infection in patients undergoing open abdominal surgery. Ann Surg, 255:1017-29.

Gillanders SL, Anderson S, Mellon L, et al. 2018. A systematic review and meta-analysis: Do absorbable or non-absorbable suture materials differ in cosmetic outcomes in patients requiring primary closure of facial wounds? J Plast Reconstruct Aesth Surg, 71:1682-92.

Gillespie BM, Chaboyer W, Thalib L, et al. 2014. Effect of Using a Safety Checklist on Patient Complications after Surgery: A Systematic Review and Meta-analysis. Anesthesiology*,* 120:1380-9.

Gillespie BM, Harbeck E, Rattray M, et al. 2021. Worldwide incidence of surgical site infections in general surgical patients: A systematic review and meta-analysis of 488,594 patients. Int J Surg, 95:106136.

Gillespie BM, Thalib L, Ellwood D, et al. 2022. Effect of negative-pressure wound therapy on wound complications in obese women after caesarean birth: a systematic review. BJOG, 129:196-207.

Giordano S, Koskivuo I, Suominen E, et al. 2017. Tissue sealants may reduce haematoma and complications in face-lifts: A meta-analysis. J Plast Reconstruct Aesth Surg, 70:297-306.

Gkegkes ID, Mavros MN, Alexiou VG, et al. 2012. Adhesive strips for the closure of surgical incisional sites: A systematic review and meta-analysis. Surgical Innovation, 19: 145-155.

Glass GE, Jain A. 2014. Pretibial lacerations: Experience from a lower limb trauma centre and systematic review. Journal of Plastic, Reconstructive and Aesthetic Surgery, 67: 1694-1702.

Gnaneswaran N, Perera M, Perera N, et al. 2016. Enhanced recovery after surgery (ERAS) pathways in autologous breast reconstruction: a systematic review. European Journal of Plastic Surgery, 39: 165-172.

Gombert A, Dillavou E, D’Agostino R, et al. 2020. A systematic review and meta-analysis of randomized controlled trials for the reduction of surgical site infection in closed incision management versus standard of care dressings over closed vascular groin incisions. Vascular, 28: 274-284.

Gomes Lopes L, Maia Dutra Balsells M, Teixeira Moreira Vasconcelos C, et al. 2022. Can pelvic floor muscle training prevent perineal laceration? A systematic review. Int J Gynae Obstet, 157:248-54.

Gomez-Ospina JC, Zapata-Copete JA, Bejarano M, et al. 2018. Antibiotic Prophylaxis in Elective Laparoscopic Cholecystectomy: a Systematic Review. J Gastroint Surg, 22:1193-203.

Gong S, Yang J, Lu T, et al. 2021. Incisional negative pressure wound therapy for clean-contaminated wounds in abdominal surgery: a systematic review and meta-analysis of randomized controlled trials. Exp Rev Gastroenterol Hepatol, 15: 1309-1318.

Gragnani A, Tonarelli E, Chomiski V, et al. 2022. Fibroblast growth factor in the treatment of burns: A systematic review. Burns, 48: 104-110.

Graves N, Wloch C, Wilson J, et al. 2016. A cost-effectiveness modelling study of strategies to reduce risk of infection following primary hip replacement based on a systematic review. HTA, 20: 1-144.

Grunzweig KA, Ascha M, Kumar AR. 2019. Fibrin tissue sealant and minor skin grafts in burn surgery: A systematic review and meta-analysis. J Plast Reconstruct Aesth Surg, 72: 871-883.

Gu A, Malahias M-A, Strigelli V, et al. 2019. Preoperative Malnutrition Negatively Correlates With Postoperative Wound Complications and Infection After Total Joint Arthroplasty: A Systematic Review. J Arthroplasty, 34:1013-24.

Guo J, Pan LH, Li YX, et al. 2016. Efficacy of triclosan-coated sutures for reducing risk of surgical site infection in adults: A meta-analysis of randomized clinical trials. J Surg Res, 201: 105-117.

Guo L, Kubat NJ, Nelson TR, et al. 2012. Meta-analysis of clinical efficacy of pulsed radio frequency energy treatment. Ann Surg, 255: 457-67.

Guo X, Song G, Zhang D, et al. 2020. Efficacy of Botulinum Toxin Type A in Improving Scar Quality and Wound Healing: A Systematic Review and Meta-Analysis. Aesth Surg J, 40: NP273-NP285.

Gwilym BL, Dovell G, Dattani N, et al. 2021. Systematic Review and Meta-Analysis of Wound Adjuncts for the Prevention of Groin Wound Surgical Site Infection in Arterial Surgery. JVS, 73:1832-3.

Haeberle HS, Navarro SM, Samuel LT, et al. 2017. No Evidence of Increased Infection Risk with Forced-Air Warming Devices: A Systematic Review. Surg Tech Int, 31: 295-301.

Haidar YM, Tripathi PB, Tjoa T, et al. 2018. Antibiotic prophylaxis in clean-contaminated head and neck cases with microvascular free flap reconstruction: A systematic review. Head Neck, 40:417-27.

Hajibandeh S, Hajibandeh S, Kennedy-Dalby A, et al. 2018. Purse-string skin closure versus linear skin closure techniques in stoma closure: a comprehensive meta-analysis with trial sequential analysis of randomised trials. International Journal of Colorectal Disease, 33: 1319-1332.

Hajibandeh S, Popova P, Rehman S. 2019. Extended Postoperative Antibiotics Versus No Postoperative Antibiotics in Patients Undergoing Emergency Cholecystectomy for Acute Calculous Cholecystitis: A Systematic Review and Meta-Analysis. Surgical Innovation, 26: 485-496.

Halstead FD, Lee KC, Kwei J, et al. 2018. A systematic review of quantitative burn wound microbiology in the management of burns patients. Burns, 44: 39-56.

Han C, Song Q, Ren Y, et al. 2019. Dose-response association of operative time and surgical site infection in neurosurgery patients: A systematic review and meta-analysis. Am J Infect Control, 47:1393-6.

Han Y, Yang W, Pan J, et al. 2018. The efficacy and safety of knotless barbed sutures in total joint arthroplasty: a meta-analysis of randomized-controlled trials. Arch Orth Trauma Surg, 138:1335-45.

Haratian A, Musa A, Field R, et al. 2021. Intravenous lidocaine in spine surgery: A meta-analysis of randomized controlled trials. North Am Spine Soc J, 7: 100079.

Hardwicke JT, Bechar J, Skillman JM. 2013. Are systemic antibiotics indicated in aesthetic breast surgery? A systematic review of the literature. Plast Reconstruct Surg, 131:1395-1403.

Harrop JS, Mohamed B, Bisson EF, et al. 2021. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines for Perioperative. Spine, 89: S9-S18.

Harshman J, Roy M, Cartotto R. 2019. Emergency care of the burn patient before the burn center: A systematic review and meta-analysis. Journal of Burn Care & Research, 40: 166-188.

Hasan MY, Liu G, Wong HK, et al. 2020. Postoperative complications of S2AI versus iliac screw in spinopelvic fixation: a meta-analysis and recent trends review. Spine J, 20: 964-972.

Hassan MA, et al. 2021. Prophylactic Onlay Mesh Repair Versus Primary Suture Repair for Prevention of Incisional Hernia (IH) After Abdominal Wall Surgery: Systematic Review. World J Surg, 45: 3080-91.

Heal CF, Banks J, et al. 2017. Meta-analysis of randomized and quasi-randomized clinical trials of topical antibiotics after primary closure for the prevention of surgical-site infection. Br J Surg, 104:1123-30.

Hegazi RA, Hustead DS, Evans DC. 2014. Preoperative standard oral nutrition supplements vs immunonutrition: Results of a systematic review and meta-analysis. J Am Coll Surg, 219: 1078-1087.

Hekmatpou D, Mehrabi F, Rahzani K, et al. 2019. The effect of aloe vera clinical trials on prevention and healing of skin wound: A systematic review. Iranian J Med Sci, 44: 1-9.

Hemming K, Pinkney T, Futaba K, et al. 2013. A systematic review of systematic reviews and panoramic meta-analysis: staples versus sutures for surgical procedures. PLoS ONE, 8: e75132.

Henriksen JL, Sørensen NB, Fink T, et al. 2020. Systematic review of stem-cell-based therapy of burn wounds: Lessons learned from animal and clinical studies. Cells, 9: 1-22.

Henriksen N, Deerenberg E, Venclauskas L, et al. 2017. Triclosan-coated sutures and surgical site infection in abdominal surgery: the TRISTAN review. Hernia, 21:833-41.

Heyneman A, Hoeksema H, Vandekerckhove D, et al. 2016. The role of silver sulphadiazine in the conservative treatment of partial thickness burn wounds: A systematic review. Burns, 42: 1377-1386.

Highlander P, Greenhagen RM. 2011. Wound complications with posterior midline and posterior medial leg incisions: a systematic review. Foot Ankle Specialist, 4: 361-369.

Ho YH, Wang YC, Loh EW, et al. 2019. Antiseptic efficacies of waterless hand rub, chlorhexidine scrub, and povidone-iodine scrub in surgical settings: a meta-analysis. J Hosp Infect, 101:370-9.

Hong KH, Pan JK, Xie H, et al. 2017. Autologous blood transfusion drainage compared with no drainage in total knee arthroplasty: A meta-analysis and systematic review. Pakistan J Pharmaceut Sci, 30:2321-7.

Hong KH, Pan J, et al. 2016. Comparison between autologous blood transfusion drainage and closed-suction drainage/no drainage in total knee arthroplasty: meta-analysis. BMC Musculoskelet Dis, 17.

Howle R, Ng S-C, Wong H-Y, et al. 2022. Comparison of analgesic modalities for patients undergoing midline laparotomy: a systematic review and network meta-analysis. Can J Anaesth, 69:140-176.

Hsieh MC, Kuo LT, Chi CC, et al. 2015. Pursestring closure versus conventional primary closure following stoma reversal to reduce surgical site infection rate: A meta-analysis. Dis Colon Rect, 58:808-15.

Hu X, Sun H, Han C, et al. 2011. Topically applied rhGM-CSF for the wound healing: a systematic review Burns, 37: 729-41.

Huang H, Li G, Wang H, et al. 2018. Optimal skin antiseptic agents for prevention of surgical site infection in cesarean section: a meta-analysis. J Maternal-Fetal Neonat Med, 31:3267-74.

Huang H, Sun X, Zhao Y 2020. Platelet-rich plasma for the treatment of burn wounds: A meta-analysis of randomized controlled trials. Transfus Apher Sci, 60:102964.

Huang N, Liu M, Yu P, et al. 2015. Antibiotic prophylaxis in prosthesis-based mammoplasty: A systematic review. International Journal of Surgery, 15: 31-37.

Huang S, Dang J, Sheckter CC, et al. 2021a. A systematic review of machine learning and automation in burn wound evaluation: A promising but developing frontier. Burns, 47: 1691-1704.

Huang XZ, Zhao JH, Gao P, et al. 2021b. Continuous Wound Infiltration with Local Anesthetic Is an Effective and Safe Postoperative Analgesic Strategy: A Meta-Analysis. Pain Ther, 10:525-38.

Huo ZC, Liu G, Li XY, et al. 2017. Use of a disposable circumcision suture device versus conventional circumcision: A systematic review and meta-analysis. Asian Journal of Andrology, 19: 362-367.

Hweidi IM, Zytoo AM, Hayajneh AA. 2021. Tight glycaemic control and surgical site infections post cardiac surgery: a systematic review. J Wound Care, 30: S22-S28.

Hyldig N, Birke-Sorensen H, Kruse M, et al. 2016. Meta-analysis of negative-pressure wound therapy for closed surgical incisions. British Journal of Surgery, 103: 477-486.

Iocca O, Copelli C, Ramieri G, et al. 2022. Antibiotic prophylaxis in head and neck cancer surgery: Systematic review and Bayesian network meta-analysis. Head Neck, 44: 254-261.

Ismail A, Abushouk AI, Elmaraezy A, et al. 2017. Cutting electrocautery versus scalpel for surgical incisions: a systematic review and meta-analysis. Journal of Surgical Research, 220: 147-163.

Isted A, Cooper L, Colville, R. J. 2018. Bleeding on the cutting edge: A systematic review of anticoagulant and antiplatelet continuation in minor cutaneous surgery. J Plast Reconstruct Aesth Surg, 71:455-67.

Ito H, Kojima M, Nishida K, et al. 2015. Postoperative complications in patients with rheumatoid arthritis using a biological agent - A systematic review and meta-analysis. Modern Rheumatol, 25:672-8.

Jagodzinski NA, Ibish S, Furniss D. 2017. Surgical site infection after hand surgery outside the operating theatre: a systematic review. Journal of Hand Surgery, 42: 289-294.

Jarjis RD, Jørgensen L, et al. 2015. Complications in skin grafts when continuing antithrombotic therapy prior to cutaneous surgery requiring skin grafting: systematic review. J Plast Surg Hand Surg, 49:129-34.

Jaspers M, van Haasterecht L, van Zuijlen P, et al. 2019. A systematic review on the quality of measurement techniques for the assessment of burn wound depth or healing potential. Burns, 45:261-81.

Jensen K, Henriksen N, Jorgensen L. 2014. Endoscopic component separation for ventral hernia causes fewer wound complications compared to open components separation: a systematic review and meta-analysis. Surgical Endoscopy, 28:3046-52.

Jiang N, Rao F, Xiao J, et al. 2020. Evaluation of different surgical dressings in reducing postoperative surgical site infection of a closed wound: A network meta-analysis. Int J Surg, 82: 24-29.

Jiang ZY, Yu XT, Liao XC, et al. 2021. Negative-pressure wound therapy in skin grafts: A systematic review and meta-analysis of randomized controlled trials. Burns, 47:747-55.

Juncker RB, Lazazzera BA, Billi F. 2021. The use of functionalized nanoparticles to treat Staphylococcus aureus-based surgical-site infections: a systematic review. J App Microbiol, 131: 2659-2668.

Kakagia DD, Karadimas EJ. 2018. The efficacy of versajet™ hydrosurgery system in burn surgery. A systematic review. Journal of Burn Care and Research, 39: 188-200.

Kamel C, McGahan L, Polisena J, et al. 2012. Preoperative skin antiseptic preparations for preventing surgical site infections: A systematic review. Infection Control and Hospital Epidemiology, 33: 608-617.

Kanapathy M, Smith OJ, Hachach-Haram, N., et al. 2017. Systematic review and meta-analysis of the efficacy of epidermal grafting for wound healing. International Wound Journal, 14: 921-928.

Kang SI, Oh H-K, Kim MH, et al. 2018. Systematic review and meta-analysis of randomized controlled trials of the clinical effectiveness of impervious plastic wound protectors in reducing surgical site infections in patients undergoing abdominal surgery. Surgery, 164: 939-945.

Kantzanou M, Korfias S, Panourias I, et al. 2021. Deep Brain Stimulation-Related Surgical Site Infections: A Systematic Review and Meta-Analysis. Neuromodulation, 24: 197-211.

Kao LS, Millas SG, Pedroza C, et al. 2012. Should perioperative supplemental oxygen be routinely recommended for surgery patients? A Bayesian meta-analysis. Ann Surg, 256: 894-901.

Kao Y-C, Lin D-Z, Lee S-L, et al. 2021. Assisted therapy with platelet-rich plasma for burn patients: A meta-analysis and systematic review. Burns, 47: 1012-1023.

Karki S, Cheng AC. 2012. Impact of non-rinse skin cleansing with chlorhexidine gluconate on prevention of healthcare-associated infections and colonization with multi-resistant organisms: A systematic review. J Hosp Infect, 82:71-84.

Kasatpibal N, Whitney JD, Saokaew S, et al. 2017. Effectiveness of probiotic, prebiotic, and synbiotic therapies in reducing postoperative complications: A systematic review. Clin Infect Dis, 64:S153-60.

Kelly EG, Cashman JP, Imran FH, et al. 2014. Systematic review and meta-analysis of closed suction drainage versus non-drainage in primary hip arthroplasty. Surg Tech Int, 24: 295-301.

Killey J, Simons M, Tyack Z. 2021. Effectiveness of interventions for optimising adherence to treatments for the prevention and management of scars: A systematic review. Clin Rehab, 35: 656-668.

Kim CH, Kim H, Lee SJ, et al. 2020. The Effect of Povidone-Iodine Lavage in Preventing Infection After Total Hip and Knee Arthroplasties: Systematic Review and Meta-Analysis. J Arthroplasty, 35: 2267-2273.

Kim J-H, Kim H-J, Lee D-H. 2019a. Comparison of the Efficacy Between Closed Incisional Negative-Pressure Wound Therapy and Conventional Wound Management After Total Hip and Knee Arthroplasties: A Systematic Review and Meta-Analysis. Journal of Arthroplasty, 34: 2804-2814.

Kim JH, Lee DH. 2020. Are high‐risk patient and revision arthroplasty effective indications for closed‐incisional negative‐pressure wound therapy after total hip or knee arthroplasty? A systematic review. Int Wound J, 17:1310-22.

Kim JL, Park J-H, Han S-B, et al. 2017a. Allogeneic Blood Transfusion Is a Significant Risk Factor for Surgical-Site Infection Following Total Hip and Knee Arthroplasty: Meta-Analysis. J Arthroplasty, 32:320-5.

Kim K, Zhu M, Munro JT, et al. 2019b. Glove change to reduce the risk of surgical site infection or prosthetic joint infection in arthroplasty surgeries: a systematic review. ANZ J Surg, 89: 1009-1015.

Kim KY, Anoushiravani AA, Long WJ, et al. 2017b. A Meta-Analysis and Systematic Review Evaluating Skin Closure After Total Knee Arthroplasty-What Is the Best Method? J Arthroplasty, 32: 2920-2927.

Kirmani BH, Jones SG, Datta S, et al. 2017. A meta-analysis of platelet gel for prevention of sternal wound infections following cardiac surgery. Blood Transfusion, 15: 57-65.

Klifto KM, Shetty PN et al. 2020. Impact of nicotine/smoking, alcohol, and illicit substance use on outcomes and complications of burn patients requiring hospital admission: systematic review. Burns, 46:1498-524.

Klingel ML, Patel SV. 2013. A meta-analysis of the effect of inspired oxygen concentration on the incidence of surgical site infection following cesarean section. Int J Obstet Anesth, 22: 104-112.

Klotz T, Kurmis R, Munn Z, et al. 2015. The effectiveness of moisturizers in the management of burn scars following burn injury: a systematic review. JBI Database Syst Rev Implementation Rep, 13: 291-315.

Kobayashi N, Kamono E, Maeda K, et al. 2021. Effectiveness of diluted povidone-iodine lavage for preventing periprosthetic joint infection: systematic review and meta-analysis. J Orth Surg Res, 16: 569.

Konstantelias AA, Polyzos KA, Falagas ME. 2016. Gentamicin-Collagen Sponges for the Prevention of Surgical Site Infections: A Meta-Analysis of Randomized Controlled Trials. Surg Infect, 17:601-9.

Korol E, Johnston K, Waser N, et al. 2013. A systematic review of risk factors associated with surgical site infections among surgical patients. PLoS ONE, 8: e83743.

Kössler-Ebs JB, Grummich K, Jensen K, et al. 2016. Incisional Hernia Rates After Laparoscopic or Open Abdominal Surgery-A Systematic Review and Meta-Analysis. World J Surg, 40: 2319-2330.

Kowalewski M, et al. 2017. Meta-analysis to assess the effectiveness of topically used vancomycin in reducing sternal wound infections after cardiac surgery. J Thor Cardiovasc Surg, 154:1320-3.e1323.

Krishnan R, MacNeil SD, Malvankar-Mehta MS. 2016. Comparing sutures versus staples for skin closure after orthopaedic surgery: Systematic review and meta-analysis. BMJ Open, 6.

Krishnan RJ, Crawford EJ, Syed I, et al. 2019. Is the Risk of Infection Lower with Sutures than with Staples for Skin Closure after Orthopaedic Surgery? A Meta-analysis. Clin Ortho Res, 477:922-37.

Kuerban D, Maimaiti M, Chen Z. 2021. Effects and Safety of Different Silver Preparation in Burns Treatment: A Bayesian Network Meta-analysis. Int J Lower Extrem Wounds: 15347346211004032.

Kuo FC, Hsu CW, Tan TL, et al. 2021a. Effectiveness of Different Wound Dressings in the Reduction of Blisters and Periprosthetic Joint Infection After Total Joint Arthroplasty: A Systematic Review and Network Meta-Analysis. J Arthroplasty, 36:2612-29.

Kuo FC, Hsu CW, Tan TL, et al. 2021b. Effectiveness of Different Wound Dressings in the Reduction of Blisters and Periprosthetic Joint Infection After Total Joint Arthroplasty: A Systematic Review and Network Meta-Analysis. J Arthroplasty, 36:2612-29.

Kuper TM, Murphy PB, Kaur B, et al. 2020. Prophylactic Negative Pressure Wound Therapy for Closed Laparotomy Incisions: A Meta-analysis of Randomized Controlled Trials. Ann Surg, 271: 67-74.

Kurmis R, Greenwood J, Aromataris E. 2016. Trace element supplementation following severe burn injury: A systematic review and meta-analysis. Journal of Burn Care and Research, 37: 143-159.

Kwa KA, Goei H, Breederveld RS, et al. 2019. A systematic review on surgical and nonsurgical debridement techniques of burn wounds. Journal of Plastic, Reconstructive and Aesthetic Surgery, 72: 1752-1762.

Lador A, Nasir H, Mansur N., et al. 2012. Antibiotic prophylaxis in cardiac surgery: Systematic review and meta-analysis. Journal of Antimicrobial Chemotherapy, 67: 541-550.

Lai J, Li Q, He Y, et al. 2022. Glycemic Control Regimens in the Prevention of Surgical Site Infections: A Meta-Analysis of Randomized Clinical Trials. Frontiers Surg, 9: 855409.

Lakhan D, Doherty J, Jones M, et al. 2010. A systematic review of maternal intrinsic risk factors associated with surgical site infection following Caesarean sections. Healthcare Infection, 15: 35-41.

Lawrence JW, Mason ST, Schomer K, et al. 2012. Epidemiology and impact of scarring after burn injury: A systematic review of the literature. J Burn Care Res, 33: 136-146.

Lee HW, Ang L, Kim JT, et al. 2021a. Aromatherapy for Symptom Relief in Patients with Burn: A Systematic Review and Meta-Analysis. Medicina (Kaunas), 58: 10.3390/medicina58010001.

Lee I, Agarwal RK, Lee BY, et al. 2010. Systematic review and cost analysis comparing use of chlorhexidine with use of iodine for preoperative skin antisepsis to prevent surgical site infection. Inf Control Hosp Epidemiol, 31:1219-29.

Lee JJ, Chibueze S, Walia A, et al. 2022. Infection Control With Topical Antimicrobial Prophylaxis for Mucosal Head and Neck Surgery: A Meta-analysis. Otolaryngology Head Neck Surg: 1945998221100801.

Lee K, Ward N, Oremule B, et al. 2019. Optimal wound closure techniques for thyroid and parathyroid surgery: A systematic review of cosmetic outcomes. Clinical Otolaryngology, 44: 905-913.

Lee Y-C, Fang T-J, Kuo IC, et al. 2021b. Stapler closure versus manual closure in total laryngectomy for laryngeal cancer: A systematic review and meta-analysis. Clin Otolaryngol, 46: 692-698.

Lefebvre A, Saliou P, Lucet JC, et al. 2015a. Preoperative hair removal and surgical site infections: Network meta-analysis of randomized controlled trials. Journal of Hospital Infection, 91: 100-108.

Lefebvre A, Saliou P, Mimoz O, et al. 2015b. Is surgical site scrubbing before painting of value? Review and meta-analysis of clinical studies. Journal of Hospital Infection, 89: 28-37.

Levy PY, Ollivier M, Drancourt M, et al. 2013. Relation between nasal carriage of Staphylococcus aureus and surgical site infection in orthopedic surgery: The role of nasal contamination. A systematic literature review and meta-analysis. Orthopaedics and Traumatology: Surgery and Research, 99: 645-651.

Li AT, Moussa A, Gus E, et al. 2022a. Biomarkers for the Early Diagnosis of Sepsis in Burns: Systematic Review and Meta-analysis. Annals of surgery, 275: 654-662.

Li G-h, Hou D-j, Fu H-d, et al. 2014a. A review of prophylactic antibiotics use in plastic surgery in China and a systematic review. Int J Surg, 12: 1300-1305.

Li H-Z, Xu X-H, Wang D-W, et al. 2019. Negative pressure wound therapy for surgical site infections: a systematic review and meta-analysis of randomized controlled trials. Clin Microbiol Infect, 25:1328-38.

Li H, Guo Y, Yang Z, et al. 2016. The efficacy and safety of oxandrolone treatment for patients with severe burns: A systematic review and meta-analysis. Burns, 42: 717-727.

Li HZ, Chen JX, Zheng Y, et al. 2017a. Silver-containing dressing for surgical site infection in clean and clean-contaminated operations: a systematic review and meta-analysis. J Surg Res, 215:98-107.

Li J, Ji Z, Zhang W. 2015. Staple Fixation Against Adhesive Fixation in Laparoscopic Inguinal Hernia Repair: A Meta-Analysis of Randomized Controlled Trials. Surg Lap Endo Percutan Tech, 25:471-7.

Li J, Zhou L, Wang Y. 2017b. The effects of music intervention on burn patients during treatment procedures: A systematic review and meta-analysis. BMC Complement Altern Med, 17:158.

Li L, Liu W, Tao H, et al. 2018. Efficacy and safety of negative pressure versus natural drainage after thyroid surgery: A systematic review and meta-analysis. Medicine (United States), 97:e11576.

Li L, Wang Y, Wang S. 2022b. Efficacy comparison of chlorhexidine and iodine preparation in reduction of surgical site infection: A systemic review and meta-analysis. Int J Nurs Stud, 127:104059.

Li LT, Hicks SC, Davila JA, et al. 2014b. Circular closure is associated with the lowest rate of surgical site infection following stoma reversal: A systematic review and meta-analysis. Colorectal Dis, 16:406-16.

Li M, Shi B, Ma J, et al. 2021a. Comparing prophylactic use of cefazolin for SSI in cesarean section: a systematic review and meta-analysis. Archives of Gynecology and Obstetrics, 303: 313-320.

Li P, Chen ZH, Li QG, et al. 2013. Safety and efficacy of single-incision laparoscopic surgery for appendectomies: A meta-analysis. World Journal of Gastroenterology, 19: 4072-4082.

Li S, Liu Y, Huang Z, et al. 2020a. Efficacy and safety of nano-silver dressings combined with recombinant human epidermal growth factor for deep second-degree burns: A meta-analysis. Burns, 47:643-53.

Li T, Zhuang Q, Weng X, et al. 2014c. Non-continuous versus continuous wound drainage after total knee arthroplasty: A meta-analysis. International Orthopaedics, 38: 361-371.

Li X, Lin H, Zhu L, et al. 2022c. The clinical effectiveness of wound edge protectors in reducing surgical site infection after abdominal surgery: meta-analysis. BJS Open, 6:.zrac065.

Li Y, Wu B, Liu Y. 2020b. The Effect of Negative Pressure Therapy on Closed Wound After the Orthopedic Surgery of Lower Limb: A Meta-Analysis. Surgical Innovation, 27: 165-172.

Li Y, Yi H, Huang Q, et al. 2021b. Effect of tissue adhesives in repairing perineal trauma during childbirth: A systematic review and meta-analysis. J Clin Nurs, doi.org/10.1111/jocn.16086.

Liang B, Dai M, Zou Z. 2016. Safety and efficacy of antibiotic prophylaxis in patients undergoing elective laparoscopic cholecystectomy: A systematic review. J Gastroenterol Hepatol (Australia), 31:921-8.

Liang Qin L, Mehigan S. 2017. The effects of surgical hand scrubbing protocols on skin integrity and surgical site infection rates: A systematic review. ACORN, 30: 21-30.

Lin DZ, Kao YC, Chen C, et al. 2021a. Negative pressure wound therapy for burn patients: A meta‐analysis and systematic review. International Wound Journal, 18: 112-123.

Lin FY, Huang PY, Cheng H. T. 2020. Systematic review of negative pressure wound therapy for head and neck wounds with fistulas: Outcomes and complications. International Wound Journal, 17: 251-258.

Lin L, Cheng S, Wang Y, et al. 2021b. Efficacy of Intrawound Treatments to Prevent Surgical Site Infection after Spine Surgery: A Systematic Review and Network Meta-analysis. Pain Physician, 24: E709-E720.

Lin L, Ke Z-Y, Wang Y, et al. 2021c. Efficacy of preoperative screening and decolonization for staphylococcus aureus in total joint arthroplasty: A meta-analysis. Asian J Surg, 44: 807-818.

Lindberg T, Andersson O, Palm M, et al. 2015. A systematic review and meta-analysis of dressings used for wound healing: the efficiency of honey compared to silver on burns. Contemporary Nurse, 51:121-34.

Ling XF, Peng X. 2012. What is the price to pay for a free fibula flap? A systematic review of donor-site morbidity following free fibula flap surgery. Plast Reconstruct Surg, 129: 657-674.

Liu D, Zhu L, Yang C. 2022. The effect of preoperative smoking and smoke cessation on wound healing and infection in post-surgery subjects: A meta-analysis. Int Wound J, 19:2101-2106.

Liu J, Pan JK, Hong KH, et al. 2016. Autologous blood transfusion drainage versus conventional suction drainage in total knee arthroplasty: A meta-analysis. Chinese J Tissue Eng Res, 20:8032-42.

Liu LQ, Mehigan S. 2016. The Effects of Surgical Hand Scrubbing Protocols on Skin Integrity and Surgical Site Infection Rates: A Systematic Review. AORN J, 103: 468-482.

Liu Z, Zhou A, Zhang X, et al. 2017. The efficacy of nano-silver and silver sulfadiazine for degree ii burn wound: A meta-analysis. Biomedical Research (India), 28: 3880-3885.

López-Cano M, Kraft M, Curell A, et al. 2019. Use of Topical Antibiotics before Primary Incision Closure to Prevent Surgical Site Infection: A Meta-Analysis. Surgical Infections, 20: 261-270.

Lu KW, Khachemoune A. 2022. Skin substitutes for the management of mohs micrographic surgery wounds: a systematic review. Arch Dermatol Res, 315:17-31.

Luo H, Cao C, Zhong J, et al. 2019. Adjunctive virtual reality for procedural pain management of burn patients during dressing change or physical therapy: A systematic review. Wound Rep Regen, 27:90-101.

Luo H, Ren Y, Su Y, et al. 2022. Intraoperative vancomycin powder to reduce surgical site infections after posterior spine surgery: a systematic review and meta-analysis. EFORT Open Rev, 7: 109-121.

Luo X, Zhang W, Yan P, et al. 2020. Skin Closure Tape and Surgical Staples in Primary Total Knee Arthroplasty: A Systematic Review and Meta-Analysis. BioMed Res Int, 2020: 4827617.

Ly J, Mittal A, Windsor J. 2012. Systematic review and meta-analysis of cutting diathermy versus scalpel for skin incision. British Journal of Surgery, 99: 613-620.

Lytvyn L, Quach K, Banfield L, et al. 2016. Probiotics and synbiotics for the prevention of postoperative infections following abdominal surgery: a systematic review and meta-analysis. J Hosp Infect, 92:130-9.

Lyu Y, Cheng Y, Wang B, et al. 2020. Comparison of endoscopic surgery and lichtenstein repair for treatment of inguinal hernias: A network meta-analysis. Medicine (United States), 99:e19134.

Ma N, Cameron A, Tivey D, et al. 2017. Systematic review of a patient care bundle in reducing staphylococcal infections in cardiac and orthopaedic surgery. ANZ J Surg, 87: 239-246.

Maatouk M, Ben Safta Y, Mabrouk A, et al. 2021. Surgical site infection in mesh repair for ventral hernia in contaminated field: A systematic review and meta-analysis. Ann Med Surg, 63:102173.

Machin M, Liu C, Coupland A, et al. 2019. Systematic review of the use of cyanoacrylate glue in addition to standard wound closure in the prevention of surgical site infection. Int Wound J, 16: 387-393.

Maciel AB, Ortiz JF, Siqueira BS, et al. 2019. Tissue healing efficacy in burn patients treated with 1% silver sulfadiazine versus other treatments: a systematic review and meta-analysis of randomized controlled trials. Anais brasileiros de dermatologia, 94: 204-210.

Madsen LJ, Oma E, Jorgensen LN, et al. 2020. Mesh versus suture in elective repair of umbilical hernia: systematic review and meta-analysis. BJS Open, 4: 369-379.

Maiwald M, Chan ESY. 2012. The Forgotten Role of Alcohol: A Systematic Review and Meta-Analysis of the Clinical Efficacy and Perceived Role of Chlorhexidine in Skin Antisepsis. PLoS ONE, 7:e44277.

Mann M, Wright CH, Jella T, et al. 2021. Cranial Surgical Site Infection Interventions and Prevention Bundles: A Systematic Review of the Literature. World Neurosurgery, 148: 206-219.e204.

Manuel LC, Lidia AM, Pereira JA, et al. 2018. Balancing mesh-related complications and benefits in primary ventral and incisional hernia surgery. A meta-analysis. PLoS ONE, 13:e0197813.

Marano L, Carbone L, Poto GE, et al. 2022. Antimicrobial Prophylaxis Reduces the Rate of Surgical Site Infection in Upper Gastrointestinal Surgery: A Systematic Review. Antibiotics (Basel), 11:230.

Marche B, Neuwirth M, Kugler C, et al. 2021. Implementation methods of infection prevention measures in orthopedics and traumatology - a systematic review. Euro J Trauma Emerg Surg, 47:1003-13.

Marchi J, Berg M, Dencker A, et al. 2015. Risks associated with obesity in pregnancy, for the mother and baby: A systematic review of reviews. Obesity Reviews, 16: 621-638.

Marik PE, Zaloga GP. 2010. Immunonutrition in high-risk surgical patients: A systematic review and analysis of the literature. Journal of Parenteral and Enteral Nutrition, 34: 378-386.

Marik PE, Zaloga GP. 2011. Immunonutrition for High Risk Surgical Patients: A Systematic Review and Analysis of the Literature. Journal of Wound, Ostomy & Continence Nursing, 38: S5-S5.

Markar SR, Karthikesalingam A, Thrumurthy S, et al. 2012. Single-incision laparoscopic surgery vs. conventional multiport cholecystectomy: Systematic review. Surg Endoscopy, 26:1205-13.

Markar SR, Kutty R, Edmonds L, et al. 2010. A meta-analysis of minimally invasive versus traditional open vein harvest technique for coronary artery bypass graft surgery. Inter Cardiovasc Thor Surg, 10:266-70.

Marson BA, Deshmukh SR, et al. 2018. A systematic review of local antibiotic devices used to improve wound healing following the surgical management of foot infections in diabetics. Bone Joint J, 100-B:1409-15.

Martin EK, Beckmann M, et al. 2018. Best practice perioperative strategies and surgical techniques for preventing caesarean section surgical site infections: a systematic review of reviews. BJOG, 125:956-64.

Martin ET, Kaye KS, Knott C, et al. 2016. Diabetes and risk of surgical site infection: A systematic review and meta-analysis. Inf Control Hosp Epidemiol, 37: 88-99.

Massey LH, Pathak S, Bhargava A, et al. 2018. The use of adjuncts to reduce seroma in open incisional hernia repair: a systematic review. Hernia, 22: 273-283.

Mastrocola M, Matziolis G, et al. 2021. Meta-analysis of the efficacy of preoperative skin preparation with alcoholic chlorhexidine compared to povidone iodine in orthopedic surgery. Sci Rep, 11:18634.

Mathes T, Walgenbach M, Siegel R. 2016. Suture Versus Mesh Repair in Primary and Incisional Ventral Hernias: A Systematic Review and Meta-Analysis. World J Surg, 40: 826-835.

Matsui Y, Satoi S, Hirooka S, et al. 2018. Reappraisal of previously reported meta-analyses on antibiotic prophylaxis for low-risk laparoscopic cholecystectomy: An overview of systematic reviews. BMJ Open, 8.

Mattishent K, Thavarajah M, Sinha A, et al. 2019. Safety of 80% vs 30-35% fraction of inspired oxygen in patients undergoing surgery: a systematic review and meta-analysis. Br J Anaesth, 122: 311-324.

Mavros MN, Mitsikostas PK, Alexiou VG, et al. 2012. Gentamicin collagen sponges for the prevention of sternal wound infection: A meta-analysis. J Thor Cardiovasc Surg, 144:1235-40.

Mavros MN, Mitsikostas PK, Alexiou VG, et al. 2013. Antimicrobials as an adjunct to pilonidal disease surgery: A systematic review of the literature. Euro J Clin Microbiol Infect Dis, 32: 851-858.

Mazaki T, Mado K, Masuda H., et al. 2013. Antibiotic prophylaxis for the prevention of surgical site infection after tension-free hernia repair: A bayesian and frequentist meta-analysis. J Am Coll Surg, 217:788-801.

Mc Geehan G, Edelduok IM, Bucholc M, et al. 2021. Systematic Review and Meta-Analysis of Wound Bundles in Emergency Midline Laparotomy Identifies That It Is Time for Improvement. Life (Basel), 11.

McCartan DP, Burke JP, Walsh SR, et al. 2013. Purse-string approximation is superior to primary skin closure following stoma reversal: A systematic review and meta-analysis. Tech Coloproctol, 17:345-351.

McCurdy RJ, Felder LA, Saccone G, et al. 2022. The association of skin incision placement during cesarean delivery with wound complications in obese women: a systematic review and meta-analysis. J Maternal-fetal Neonat Med, 35: 2311-2323.

McFarland A, Reilly J, Manoukian S, et al. 2020. The economic benefits of surgical site infection prevention in adults: a systematic review. J Hosp Infect, 106: 76-101.

McGovern C, Quasim T, Puxty K, et al. 2021. Neuropathic agents in the management of pruritus in burn injuries: a systematic review and meta-analysis. Trauma Surg Acute Care Open, 6: e000810.

McMahon S, Smith T, Hing C. 2011. A meta-analysis of randomised controlled trials comparing conventional to minimally invasive approaches for repair of an Achilles tendon rupture. Foot Ankle Surg, 17:211-7.

Medas F, Canu GL, Cappellacci F, et al. 2020. Antibiotic Prophylaxis for Thyroid and Parathyroid Surgery: A Systematic Review and Meta-analysis. Otolaryngol Head Neck Surg, 164:482-8.

Meena S, Gangary S, Sharma P, et al. 2015. Barbed versus standard sutures in total knee arthroplasty: a meta-analysis. European Journal of Orthopaedic Surgery and Traumatology, 25: 1105-1110.

Mekonnen AG, Mittiku YM. 2021. Surgical site infection and its association with rupture of membrane following cesarean section in Africa: a systematic review. Matern Health Neonatol Perinatol, 7:.2

Mermel LA. 2020. Sequential use of povidone-iodine and chlorhexidine for cutaneous antisepsis: A systematic review. Infect Control Hosp Epidemiol, 41: 98-101.

Mertz D, Johnstone J, Loeb M. 2011. Does duration of perioperative antibiotic prophylaxis matter in cardiac surgery? A systematic review and meta-analysis. Annals of Surgery, 254: 48-54.

Mesquita-Neto JW, et al. 2019. Perioperative and oncological outcomes of abdominoperineal resection in the prone position vs the classic lithotomy position: A systematic review. J Surg Oncol, 119:979-86.

Messner J, Papakostidis C, Giannoudis PV, et al. 2017. Duration of Administration of Antibiotic Agents for Open Fractures: Meta-Analysis of the Existing Evidence. Surgical Infections, 18: 854-867.

Meyer J, Roos E, Abbassi Z, et al. 2020. The role of perineal application of prophylactic negative-pressure wound therapy for prevention of wound-related complications after abdomino-perineal resection: a systematic review. Int J Colorectal Dis, 36:19-26.

Mihaljevic AL, Müller TC, Kehl V, et al. 2015. Wound edge protectors in open abdominal surgery to reduce surgical site infections: a systematic review and meta-analysis. PLoS ONE, 10: e0121187.

Milito G, Cadeddu F, Muzi MG, et al. 2010. Haemorrhoidectomy with Ligasure™vs conventional excisional techniques: meta-analysis of randomized controlled trials. Colorectal Disease, 12: 85-93.

Milito P, Aiolfi A, Asti E, et al. 2019. Impact of Spleen Preserving Laparoscopic Distal Pancreatectomy on Postoperative Infectious Complications: Systematic Review. J Lap Adv Surg Tech, Part A, 29:167-77.

Miller R, Wormald JCR, Wade RG, et al. 2019. Systematic review of fibrin glue in burn wound reconstruction. British Journal of Surgery, 106: 165-173.

Milone M, Di Minno MND, Musella M, et al. 2013. The role of drainage after excision and primary closure of pilonidal sinus: A meta-analysis. Techniques in Coloproctology, 17: 625-630.

Min H, Lin H, Chen G. 2019. Effect of Parkinson's disease on primary total joint arthroplasty outcomes: A meta-analysis of matched control studies. Int J Surg, 71: 124-131.

Miroshnychenko A, Kim K, Rochwerg B, et al. 2021. Comparison of early surgical intervention to delayed surgical intervention for treatment of thermal burns in adults: A systematic review. Burns Open, 5:67-77.

Mocanu V, Dang JT, Ladak F, et al. 2019. Antibiotic use in prevention of anal fistulas following incision and drainage of anorectal abscesses: A systematic review and meta-analysis. Am J Surg, 217: 910-917.

Modha MRK, Morriss-Roberts C, Smither M, et al. 2018. Antibiotic prophylaxis in foot and ankle surgery: a systematic review of the literature. J Foot Ankle Res, 11: 61.

Mohamedahmed AYY, Ahmad H, et al. 2020a. Non-mesh Desarda Technique Versus Standard Mesh-Based Lichtenstein Technique for Inguinal Hernia Repair: Systematic Review. World J Surg, 44:3312-21.

Mohamedahmed AYY, Stonelake S, Zaman S, et al. 2020b. Closure of stoma site with or without prophylactic mesh reinforcement: a systematic review and meta-analysis. Int J Colorectal Dis, 35: 1477-1488.

Mohamedahmed AYY, Zaman S, Stonelake S, et al. 2020c. Incision and drainage of cutaneous abscess with or without cavity packing: a systematic review, meta-analysis. Langenbecks Arch Surg, 406:981-91.

Mohammed H, Yousuf Salmasi M, et al. 2020. Comparison of outcomes between minimally invasive and median sternotomy for double and triple valve surgery: meta-analysis. J Card Surg, 35:1209-19.

Mongelli F, La Regina D, Zschokke I, et al. 2020. Gallbladder Retrieval From Epigastric Versus Umbilical Port in Laparoscopic Cholecystectomy: A PRISMA-Compliant Meta-Analysis. Surg Innovation, 27: 150-159.

Monsalve-Duarte S, Betancourt-Zapata W, Suarez-Cañon N, et al. 2022. Music therapy and music medicine interventions with adult burn patients: A systematic review and meta-analysis. Burns, 48: 510-521.

Montroy J, Breau RH, Cnossen S, et al. 2016. Change in adverse events after enrollment in the national surgical quality improvement program: A systematic review and meta-analysis. PLoS ONE, 11.

Mostafaei S, Norooznezhad F, Mohammadi S, et al. 2017. Effectiveness of platelet‐rich plasma therapy in wound healing of pilonidal sinus surgery: A systematic review. Wound Rep Regen, 25:1002-7.

Muaddi H, Lillie E, Silva S, et al. 2021. The Effect of Cryotherapy Application on Post-operative Pain: A Systematic Review and Meta-analysis. Ann Surg, 277:e237-65.

Mueller TC, Loos M, Haller B, et al. 2015. Intra-operative wound irrigation to reduce surgical site infections after abdominal surgery: a systematic review and meta-analysis. Langenbeck's Arch Surg, 400:167-81.

Mufarrih SH, Ghani MOA, Martins RS, et al. 2019. Effect of hospital volume on outcomes of total hip arthroplasty: a systematic review and meta-analysis. J Orth Surg Res, 14: 1-13.

Murphy GRF, Gardiner MD, Glass GE, et al. 2016. Meta-analysis of antibiotics for simple hand injuries requiring surgery. British Journal of Surgery, 103: 487-492.

Musallam E. 2014. The predictors of surgical site infection post cardiac surgery: A systematic review. J Vasc Nurs, 32:105-18.

Musters GD, Burger JWA, et al. 2015. Local Application of Gentamicin in the Prophylaxis of Perineal Wound Infection After Abdominoperineal Resection: Systematic Review. World J Surg, 39:2786-94.

Musters GD, Buskens CJ, Bemelman WA, et al. 2014. Perineal wound healing after abdominoperineal resection for rectal cancer: a systematic review and meta-analysis. Dis Colon Rectum, 57:1129-39.

Naimi-Akbar A, Hultin M, Klinge A, et al. 2018. Antibiotic prophylaxis in orthognathic surgery: A complex systematic review. PLoS ONE, 13: e0191161.

Narice BF, Almeida JR, Farrell T, et al. 2021. Impact of changing gloves during cesarean section on postoperative infective complications: A systematic review. Acta Obstet Gyne Scand, 100:1581-94.

Narula N, Charleton D et al. 2013. Meta-analysis: Peri-operative anti-TNFα treatment and post-operative complications in patients with inflammatory bowel disease. Alimentary Pharmacol Ther, 37:1057-64.

Nast A, Ernst H, Rosumeck S, et al. 2014. Risk of complications due to anticoagulation during dermatosurgical procedures: A systematic review. J Euro Acad Dermatol Venereol, 28:1603-9.

Ndong A, Tendeng JN, Diallo AC, et al. 2020. Is Desarda technique suitable to emergency inguinal hernia surgery? A systematic review and meta-analysis. Annals of Medicine and Surgery, 60: 664-668.

Nguyen AL, Pronk AA, et al. 2016. Local administration of gentamicin collagen sponge in surgical excision of sacrococcygeal pilonidal sinus disease: systematic review. Tech Coloproctol, 20: 91-100.

Nguyen MT, Berger RL, Hicks SC, et al. 2014. Comparison of outcomes of synthetic mesh vs suture repair of elective primary ventral herniorrhaphy : A systematic review and meta-analysis. JAMA Surg, 149:415-21.

Nherera L, Trueman P, Roberts C, et al. 2017a. Silver delivery approaches in the management of partial thickness burns: A systematic review and indirect treatment comparison. Wound Rep Regen, 25:707-21.

Nherera LM, Trueman P, Roberts CD, et al. 2017b. A systematic review and meta-analysis of clinical outcomes associated with nanocrystalline silver use compared to alternative silver delivery systems in the management of superficial and deep partial thickness burns. Burns, 43: 939-948.

Nicholson O, Ho B, Chun C. 2020. Use of iodine-impregnated surgical drapes for prevention of surgical site infection: a systematic review and meta-analysis. Wound Pract Res, 28: 30-37.

Nímia HH, Carvalho VF, Isaac C, et al. 2019. Comparative study of Silver Sulfadiazine with other materials for healing and infection prevention in burns: A systematic review and meta-analysis. Burns, 45: 282-292.

Ning J, Wang J, Zhang S, et al. 2020. Nasal colonization of Staphylococcus aureus and the risk of surgical site infection after spine surgery: a meta-analysis. Spine Journal, 20: 448-456.

Noailles T, Brulefert K, Chalopin A, et al. 2016. What are the risk factors for post-operative infection after hip hemiarthroplasty? Systematic review of literature. International Orthopaedics, 40: 1843-1848.

Noorani A, Rabey N, Walsh SR, et al. 2010. Systematic review and meta-analysis of preoperative antisepsis with chlorhexidine versus povidone-iodine in clean-contaminated surgery. Br J Surg, 97: 1614-1620.

Norman G, Shi C, Westby MJ, et al. 2021. Bacteria and bioburden and healing in complex wounds: A prognostic systematic review. Wound Rep Regen, 29:466-77.

Obolenskiy VN. 2017. Surgical approach choice and efficiency of complementary therapies in treatment of pilonidal cyst: Meta-analysis and treatment algorithm. Wound Medicine, 19: 39-46.

Ofstead CL, Buro BL, Hopkins KM, et al. 2020. The impact of continuous electrical microcurrent on acute and hard-to-heal wounds: A systematic review. J Wound Care, 29: S6-S15.

Oh SK, Lim BG, Won YJ, et al. 2022. Analgesic efficacy of erector spinae plane block in lumbar spine surgery: A systematic review and meta-analysis. J Clin Anesthesia, 78: 110647.

Oliveira RA, Poveda VDB, Tanner J. 2020. Perioperative intensive glycemic control for liver transplant recipients to prevent surgical site infection: A systematic review. Transplant Infectious Disease, 22.

Öner Cengiz H, Uçar S, Yilmaz M. 2021. The Role of Perioperative Hypothermia in the Development of Surgical Site Infection: A Systematic Review. AORN Journal, 113: 265-275.

Onggo JR, Nambiar M, Phan K, et al. 2020a. Suture button versus syndesmosis screw constructs for acute ankle diastasis injuries: A meta-analysis and systematic review. Foot Ankle Surg, 26:54-60.

Onggo JR, Onggo JD, de Steiger R, et al. 2020b. Greater risks of complications, infections, and revisions in the obese versus non-obese total hip arthroplasty population of 2,190,824 patients: a meta-analysis and systematic review. Osteoarth Cartilage, 28:31-44.

Oswald I, Boening A, Pons-Kuehnemann J, et al. 2020. Wound Infection after CABG Using Internal Mammary Artery Grafts: A Meta-Analysis. Thor Cardiovasc Surg, 69:639-648.

Ousey K, Edward KL, Lui S, et al. 2017. Perioperative, local and systemic warming in surgical site infection: a systematic review and meta-analysis. J Wound Care, 26: 614-624.

Ousey KJ, Atkinson RA, Williamson JB, et al. 2013. Negative pressure wound therapy (NPWT) for spinal wounds: a systematic review. Spine J, 13: 1393-1405.

Ovadia SA, Zoghbi Y, Thaller SR. 2017. Variation in Classification of Infection: A Systematic Review of Recent Plastic Surgery Literature. Annals of plastic surgery, 78: 587-599.

Paggiaro AO, Bastianelli R, Carvalho VF, et al. 2019. Is allograft skin, the gold-standard for burn skin substitute? A systematic literature review and meta-analysis. J Plast Reconstruct Aesth Surg, 72:1245-53.

Pan A, De Angelis G, Nicastri E, et al. 2013. Topical negative pressure to treat surgical site infections, with a focus on post-sternotomy infections: A systematic review and meta-analysis. Infection, 41: 1129-1135.

Pan C, Zhao R, Jiang Y. 2020. Is safe and effective LESS in benign adnexal diseases: A systematic review and meta-analysis. International Journal of Surgery Open, 27: 172-183.

Pang K, Sun P, Li J, et al. 2021. Prophylactic subcutaneous drainage reduces post-operative incisional infections in colorectal surgeries: a meta-analysis. Int J Colorectal Dis, 36:1633-42.

Pasquali S, Boal M, Griffiths EA, et al. 2016. Meta-analysis of perioperative antibiotics in patients undergoing laparoscopic cholecystectomy. British Journal of Surgery, 103: 27-34.

Patry J, Blanchette V. 2017. Enzymatic debridement with collagenase in wounds and ulcers: a systematic review and meta-analysis. International Wound Journal, 14: 1055-1065.

Peel TN, Watson E, Lee SJ. 2021. Randomised Controlled Trials of Alcohol-Based Surgical Site Skin Preparation for the Prevention of Surgical Site Infections: Systematic Review. J Clin Med, 10:663.

Peizhi Y, Wei C, Hongzhi L, et al. 2017. Albumin and surgical site infection risk in orthopaedics: a meta-analysis. BMC Surgery, 17: 1-9.

Peltrini R, Imperatore N, Altieri G, et al. 2021. Prevention of incisional hernia at the site of stoma closure with different reinforcing mesh types: a systematic review and meta-analysis. Hernia, 25:639-48.

Peng F, Liu S, Hu Y, et al. 2017. Influence of perioperative nonsteroidal anti-inflammatory drugs on complications after gastrointestinal surgery: A meta-analysis. Acta Anaesthesiol Taiwan, 54:121-8.

Peng X, Zhang X, Cheng T, et al. 2015. Comparison of the quadriceps-sparing and subvastus approaches versus the standard parapatellar approach in total knee arthroplasty: A meta-analysis of randomized controlled trials. Orth Biomechan BMC Musculoskeletal Disorders, 16.

Peng Z, Lin X et al. 2020. The application of topical vancomycin powder for the prevention of surgical site infections in primary total hip and knee arthroplasty: meta-analysis. Orth Traumatol: Surg Res, 107:102741.

Penna M, Markar SR, et al. 2012. Linear-stapled versus circular-stapled laparoscopic gastrojejunal anastomosis in morbid obesity: Meta-analysis. Surg Laparosc Endosc Percutan Tech, 22:95-101.

Pergialiotis V, Bellos I, Fanaki M, et al. 2020. Risk factors for severe perineal trauma during childbirth: An updated meta-analysis. Euro J Obstet Gyne Reprod Biol, 247: 94-100.

Pham CH, Collier ZJ, Fang M, et al. 2019. The role of collagenase ointment in acute burns: a systematic review and meta-analysis. Journal of Wound Care, 28: S9-S15.

Pham H, Chen A, Nahm CB, et al. 2022. The Role of Targeted Versus Standard Antibiotic Prophylaxis in Pancreatoduodenectomy in Reducing Postoperative Infectious Complications: A Systematic Review and Meta-analysis. Ann Surg, 275:315-23.

Phillips BT, Bishawi M, Dagum AB, et al. 2013. A systematic review of antibiotic use and infection in breast reconstruction: what is the evidence? Plast Reconstruct Surg, 131: 1-13.

Pierce-Williams RAM, Saccone G. 2021. Hands-on versus hands-off techniques for the prevention of perineal trauma during vaginal delivery: a systematic review. J Maternal-Fetal Neonat Med, 34:993-1001.

Pluvy I, Panouillères M, Garrido I, et al. 2015. Smoking and plastic surgery, part II. Clinical implications: a systematic review with meta-analysis. Ann Chirurgie Plastique Esthetique, 60: e15-e49.

Polistena A, Prete FP, Avenia S, et al. 2022. Effect of Antibiotic Prophylaxis on Surgical Site Infection in Thyroid and Parathyroid Surgery: A Systematic Review and Meta-Analysis. Antibiotics (Basel), 11.

Poole D, Chieregato A, Langer M, et al. 2014. Systematic review of the literature and evidence-based recommendations for antibiotic prophylaxis in trauma. PLoS ONE, 9: e113676.

Pop-Vicas A, Johnson S, Safdar N. 2019. Cefazolin as surgical antimicrobial prophylaxis in hysterectomy: A systematic review and meta-analysis. Infect Control Hosp Epidemiol, 40:142-9.

Pop-Vicas AE, Abad C, Baubie K, et al. 2020. Colorectal bundles for surgical site infection prevention: A systematic review and meta-analysis. Infection Control & Hospital Epidemiology, 41: 805-812.

Poveda VDB, Oliveira RA, Galvão CM. 2020. Perioperative body temperature maintenance and occurrence of surgical site infection: A systematic review with meta-analysis. Am J Infect Control, 48:1248-54.

Privitera GP, Costa AL, Brusaferro S, et al. 2017. Skin antisepsis with chlorhexidine versus iodine for the prevention of surgical site infection: A systematic review. Am J Infect Control, 45:180-9.

Provençal S-C, Bond S, Rizkallah E, et al. 2018. Hypnosis for burn wound care pain and anxiety: A systematic review and meta-analysis. Burns, 44: 1870-1881.

Pu H, Heighes PT, Simpson F, et al. 2021. Early oral protein-containing diets following elective lower gastrointestinal tract surgery in adults: a meta-analysis. Periop Med (London), 10:10.

Pull ter Gunne AF, Hosman AJ, Cohen DB, et al. 2012. A methodological systematic review on surgical site infections following spinal surgery: part 1: risk factors. Spine, 37: 2017-2033.

Purba AK, Setiawan D, Bathoorn E, et al. 2018. Prevention of surgical site infections: A systematic review of cost analyses in the use of prophylactic antibiotics. Front Pharmacol, 9: doi.org/10.3389/fphar.201800776.

Putri IL, Adzalika LB, Pramanasari R, et al. 2022. Negative pressure wound therapy versus conventional wound care in cancer surgical wounds: A meta-analysis of observational studies and randomised controlled trials. Int Wound J, 19:1578-93.

Qian B, Xiong L, Li J, et al. 2019. A Systematic Review and Meta-Analysis on Microsurgical Safety and Efficacy of Profunda Artery Perforator Flap in Breast Reconstruction. J Oncology, 2019:9506720.

Qiao Y, Zhang Q, Peng Y, et al. 2023. Effect of stem cell treatment on burn wounds: A systemic review and a meta-analysis. Int Wound J, 20:8-17.

Qin C, Li T, Zhao B, et al. 2021. Subcuticular Sutures versus Staples in Reducing Surgical Site Infections after Open Abdominal Digestive Surgery: Systematic Review and Meta-Analysis. Surg Infect, 22:877-83.

Qiu E, Kurlander DE, Ghaznavi AM. 2018. Godina revisited: a systematic review of traumatic lower extremity wound reconstruction timing. J Plast Surg Hand Surg, 52:259-264.

Qiu J, Yuan H, Chen S, et al. 2013. Single-port versus conventional multiport laparoscopic cholecystectomy: A meta-analysis. J Laparoendosc Adv Surg Tech, 23:815-31.

Queirós P, Santos E, Apóstolo J, et al. 2014. The effectiveness of cleansing solutions for wound treatment: A systematic review. JBI Database Syst Revs Implementation Rep, 12: 121-151.

Raes K, Blot K, Vogelaers D, et al. 2017. Protective isolation precautions for the prevention of nosocomial colonisation and infection in burn patients: A systematic review. Intens Crit Care Nurs, 42:22-9.

Rahimi F, Rezayatmand R. 2020. Use of a biosynthetic wound dressing to treat burns: A systematic review. Journal of Wound Care, 29: S16-S22.

Rahouma M, Kamel M, Benedetto U, et al. 2017. Endoscopic versus open radial artery harvesting: A meta-analysis of randomized controlled and propensity matched studies. J Card Surg, 32: 334-341.

Ramos G, Cornistein W, Cerino GT, et al. 2017. Systemic antimicrobial prophylaxis in burn patients: systematic review. Journal of Hospital Infection, 97: 105-114.

Rangatchew F, Vester-Glowinski P, Rasmussen BS, et al. 2020. Mesenchymal stem cell therapy of acute thermal burns: A systematic review of the effect on inflammation and wound healing. Burns, 47:270-94.

Ratnasingham K, Uzzaman M, Andreani S et al. 2010. Meta-analysis of the use of glyceryl trinitrate ointment after haemorrhoidectomy as an analgesic and in promoting wound healing. Int J Surg, 8:606-11.

Real DSS, Reis RP, Piccolo MS, et al. 2014. Oxandrolone use in adult burn patients. Systematic review and meta-analysis. Acta Cirurgica Brasileira, 29;Suppl 3: 68-76.

Reeves N, Phillips S, Hughes A, et al. 2022. Volatile Organic Compounds in the Early Diagnosis of Non-healing Surgical Wounds: A Systematic Review. World J Surg, 46:1669-77.

Ren S, Hu Y 2016. Comparison of unilateral versus bilateral pedicle screw fixation in transforaminal lumbar interbody fusion: A systematic review and meta-analysis. Int J Clin Exp Med, 9:17113-27.

Reoch J, Mottillo S, Shimony A, et al. 2011. Safety of laparoscopic vs open bariatric surgery: A systematic review and meta-analysis. Archives of Surgery, 146: 1314-1322.

Reudink M, Slooter CD, Janssen L, et al. 2021. Metabolic syndrome; associations with adverse outcome after colorectal surgery. A systematic review and meta-analysis. Ann Med Surg, 71: 102997.

Ribau AI, Collins JE, Chen AF, et al. 2021. Is Preoperative Staphylococcus aureus Screening and Decolonization Effective at Reducing Surgical Site Infection in Patients Undergoing Orthopedic Surgery? A Systematic Review and Meta-Analysis. J Arthroplasty, 36: 752-766.e756.

Ricci C, Casadei R, Alagna V, et al. 2017. A critical and comprehensive systematic review of studies comparing intracorporeal and extracorporeal anastomosis in laparoscopic right hemicolectomy. Langenbeck's Arch Surg, 402:417-27.

Riehl JT, Sassoon A, Connolly K, et al. 2013. Retained bullet removal in civilian pelvis and extremity gunshot injuries: a systematic review. Clinical Orthopaedics & Related Research, 471: 3956-3960.

Roberts DJ, Zygun DA, Grendar J, et al. 2012. Negative-pressure wound therapy for critically ill adults with open abdominal wounds: a systematic review. J Trauma Acute Care Surg, 73: 629-639.

Roberts JM, Carr LW, Haley CT, et al. 2020. Venous Flaps for Revascularization and Soft-Tissue Coverage in Traumatic Hand Injuries: A Systematic Review of the Literature. J Reconstruct Microsurg, 36:104-109.

Roeckner JT, Sanchez-Ramos L, Mitta M, et al. 2019. Povidone-iodine 1% is the most effective vaginal antiseptic for preventing post-cesarean endometritis: a systematic review and network meta-analysis. Am J Obstet Gynecol, 221:261.e261-261.e220.

Rondelli F, Franco L, Balzarotti Canger RC, et al. 2018. Purse-string closure versus conventional primary closure of wound following stoma reversal: Meta-analysis. Int J Surg, 52:208-13.

Ruffolo AM, Sampath AJ, et al. 2021. Preoperative considerations for the prevention of surgical site infection in superficial cutaneous surgeries: Systematic review. Facial Plast Surg Aesth Med, 23:205-23.

Russell J, Pateman K, Batstone M. 2021. Donor site morbidity of composite free flaps in head and neck surgery: a systematic review of the prospective literature. Int J Oral Maxillofac Surg, 50:1147-55.

Saco M, Howe N, Nathoo R, et al. 2015. Topical antibiotic prophylaxis for prevention of surgical wound infections from dermatologic procedures: A systematic review. J Dermatol Treat, 26:151-8.

Sahebally SM, McKevitt K, Stephens I, et al. 2018. Negative Pressure Wound Therapy for Closed Laparotomy Incisions in General and Colorectal Surgery: Systematic Review. JAMA Surg, 153:e183467.

Sahebally SM, O’Byrne L, Troy A, et al. 2021. A meta-analysis of marsupialisation versus none in the treatment of simple fistula-in-ano. Int J Colorectal Dis, 36:429-36.

Sajid MS, Betal D, Akhter N, et al. 2011a. Prevention of postoperative seroma-related morbidity by quilting of latissimus dorsi flap donor site: A systematic review. Clinical Breast Cancer, 11: 357-363.

Sajid MS, Bovis J, Rehman S, et al. 2018. Prophylactic antibiotics at the time of elective cholecystectomy are effective in reducing the post-operative infective complications: A systematic review and meta-analysis. Transl Gastroenterol Hepatol, 3:22.

Sajid MS, Craciunas L, Baig MK, et al. 2013. Systematic review and meta-analysis of published, randomized, controlled trials comparing suture anastomosis to stapled anastomosis for ileostomy closure. Tech Coloproctol, 17:631-9.

Sajid MS, Hutson K, Akhter N, et al. 2012a. An updated meta-analysis on the effectiveness of preoperative prophylactic antibiotics in patients undergoing breast surgical procedures Breast Journal, 18: 312-317.

Sajid MS, Hutson K, Kalra L, et al. 2012b. The role of fibrin glue instillation under skin flaps in the prevention of seroma formation and related morbidities following breast and axillary surgery for breast cancer: a meta-analysis. J Surg Oncology, 106: 783-795.

Sajid MS, Parampalli U, Baig MK, et al. 2011b. A systematic review on the effectiveness of slowly-absorbable versus non-absorbable sutures for abdominal fascial closure following laparotomy. Int J Surg, 9:615-25.

Sajid MS, Rathore MA, Sains P, et al. 2017. A systematic review of clinical effectiveness of wound edge protector devices in reducing surgical site infections in patients undergoing abdominal surgery. Updates Surg, 69:21-8.

Saleh A, Thabet A, Belkhair S. 2021. Topical Vancomycin for Prevention of Surgical Site Infection after Craniotomy: Meta-analysis and Systematic Literature Review. World Neurosurg, 158:e605-e611.

Salehi SH, Momeni M, Vahdani M, et al. 2020. Clinical Value of Debriding Enzymes as an Adjunct to Standard Early Surgical Excision in Human Burns: A Systematic Review. J Burn Care Res, 41:1224-30.

Salibian AA, Nolan IT, Bekisz JM, et al. 2021. A Systematic Review and Meta-Analysis of Microvascular Stacked and Conjoined-Flap Breast Reconstruction. J Reconstr Microsurg, 37:631-42.

Salvilla S, Thusu S, Panesar S. 2012. Analysing the benefits of laparoscopic hernia repair compared to open repair: A meta-analysis of observational studies. Journal of Minimal Access Surgery, 8: 111-117.

Sanabria A, Vega V, Dominguez LC, et al. 2014. The evolution of laparoscopy in abdominal surgery: A meta-analysis of the effect on infectious outcomes. Min Invas Ther Allied Tech, 23: 74-86.

Sandini M, Mattavelli I, Nespoli L, et al. 2016. Systematic review and meta-analysis of sutures coated with triclosan for the prevention of surgical site infection after elective colorectal surgery. Med, 95:e4057.

Sandy-Hodgetts K, Watts R. 2015. Effectiveness of negative pressure wound therapy/closed incision management in the prevention of post-surgical wound complications: A systematic review and meta-analysis. JBI Database Syst Rev Implementation Rep, 13: 253-303.

Saravana-Bawan B, Goplen M, Alghamdi M, et al. 2021. The Relationship Between Visceral Obesity and Post-operative Complications: A Meta-Analysis. J Surg Res, 267: 71-81.

Sartori A, Botteri E, Agresta F, et al. 2020. Should enhanced recovery after surgery (ERAS) pathways be preferred over standard practice for patients undergoing abdominal wall reconstruction? A systematic review and meta-analysis. Hernia, 25:501-21.

Sathya B, Davis R, Taveira T, et al. 2013. Intensity of peri-operative glycemic control and postoperative outcomes in patients with diabetes: A meta-analysis. Diabetes Res Clin Pract, 102: 8-15.

Saunders C, Nherera LM, Horner A, et al. 2021. Single-use negative-pressure wound therapy versus conventional dressings for closed surgical incisions: systematic literature review. BJS Open, 5.

Sayampanathan AA. 2016. Systematic review and meta-analysis of complications and outcomes of obese patients with burns. Burns, 42: 1634-1643.

Scalise A, Calamita R, Tartaglione C, et al. 2016. Improving wound healing and preventing surgical site complications of closed surgical incisions: A possible role of incisional negative pressure wound therapy. A systematic review of the literature. Int Wound J, 13:1260-81.

Scheffler M, Koranyi S, Meissner W, et al. 2018. Efficacy of non-pharmacological interventions for procedural pain relief in adults undergoing burn wound care: A systematic review. Burns, 44:1709-20.

Scheufele F, Schorn S, Demir IE, et al. 2017. Preoperative biliary stenting versus operation first in jaundiced patients due to malignant lesions in the pancreatic head: A meta-analysis. Surgery, 161:939-50.

Schlager JG, Hartmann D, Wallmichrath J, et al. 2022a. Patient-dependent risk factors for wound infection after skin surgery: A systematic review and meta-analysis. Int Wound J, 19:1748-57.

Schlager JG, Ruiz San Jose V, Patzer K. et al. 2022b. Are Specific Body Sites Prone for Wound Infection After Skin Surgery? A Systematic Review and Meta-Analysis. Dermatol Surg, 48: 406-410.

Schnake KJ, Pumberger M, Rappert D, et al. 2022. Closed-suction drainage in thoracolumbar spinal surgery-clinical routine without evidence? a systematic review. Euro Spine J, 31: 614-622.

Scholz R, Hönning A. et al. 2019. Effectiveness of architectural separation of septic and aseptic operating theatres for improving process quality and patient outcomes: systematic review. Systematic Reviews, 8.

Schreve MA, Vos CG, Vahl AC. et al. 2017. Venous Arterialisation for Salvage of Critically Ischaemic Limbs: A Systematic Review and Meta-Analysis. Euro J Vasc Endovasc Surg, 53: 387-402.

Schweizer M, Perencevich E, McDanel J. et al. 2013. Effectiveness of a bundled intervention of decolonization and prophylaxis to decrease Gram positive surgical site infections after cardiac or orthopedic surgery: Systematic review and meta-analysis. BMJ (Online), 346.

Scomacao I, Cummins A, Roan E. et al. 2020. The use of surgical site drains in breast reconstruction: A systematic review. Journal of Plastic, Reconstructive and Aesthetic Surgery, 73: 651-662.

Sebastian S. 2012. Does preoperative scalp shaving result in fewer postoperative wound infections when compared with no scalp shaving? A systematic review. Journal of Neuroscience Nursing, 44: 149-156.

Seijmonsbergen-Schermers AE, Sahami S, Lucas C. et al. 2015. Nonsuturing or Skin Adhesives versus Suturing of the Perineal Skin After Childbirth: A Systematic Review. Birth, 42: 100-115.

Selvaggi F, Pellino G, Canonico S. et al. 2015. Effect of preoperative biologic drugs on complications and function after restorative proctocolectomy with primary ileal pouch formation: Systematic review. Inflamm Bowel Dis, 21:79-92.

Seretis K, Goulis D, Demiri EC, et al. 2017. Prevention of seroma formation following abdominoplasty: A systematic review and meta-analysis. Aesthetic Surgery Journal, 37: 316-323.

Serra R, Ielapi N, Barbetta A, et al. 2018. Skin tears and risk factors assessment: a systematic review on evidence-based medicine. Int Wound J, 15: 38-42.

Sexton F, Healy D, Keelan S, et al. 2020. A systematic review and meta-analysis comparing the effectiveness of negative-pressure wound therapy to standard therapy in the prevention of complications after vascular surgery. Int J Surg, 76:94-100.

Shabanzadeh DM, Sørensen LT. 2012. Laparoscopic surgery compared with open surgery decreases surgical site infection in obese patients: a systematic review and meta-analysis. Ann Surg, 256: 934-45.

Shabanzadeh DM, Sørensen LT. 2014. Alcohol drinking does not affect postoperative surgical site infection or anastomotic leakage: a systematic review and meta-analysis. J Gastrointest Surg, 18: 414-425.

Shaffer SK, Tubog TD, Kane TD, et al. 2021. Supplemental Oxygen and Surgical Site Infection in Colorectal Surgery: A Systematic Review and Meta-analysis. AANA J, 89: 245-253.

Shafi AMA, Abuelgasim E, Abuelgasim B, et al. 2021. Sternal closure with single compared with double or figure of 8 wires in obese patients following cardiac surgery: systematic review. J Card Surg, 36:1072-82.

Sharath SE, Zamani N, DeSantis S, et al. 2021. Treatment of Early Deep Wound Infections after Arterial Reconstructions: A Meta-Analysis and Survey. Ann Vasc Surg,74:356-66.

Sharma G, Lee S, Atanacio O, et al. 2017. In search of the optimal wound dressing material following total hip and knee arthroplasty: a systematic review and meta-analysis. Int Orth, 41: 1295-1305.

Sheik-Ali S, Guets W. 2018. Absorbable vs non absorbable sutures for wound closure. Systematic review of systematic reviews. Wound Medicine, 23: 35-37.

Shen AY, Haddad EJ, Hunter-Smith DJ, et al. 2018. Efficacy and adverse effects of topical chloramphenicol ointment use for surgical wounds: a systematic review. ANZ J Surg, 88: 1243-1246.

Shi D, Yao Y, Yu W. 2017. Comparison of preoperative hair removal methods for the reduction of surgical site infections: a meta-analysis. J Clin Nurs, 26: 2907-2914.

Shi Z, Ma L, Wang H, et al. 2013. Insulin and hypertonic glucose in the management of aseptic fat liquefaction of post-surgical incision: A meta-analysis and systematic review. Int Wound J, 10: 91-97.

Shih SL, Chen BH, Tam KW. 2020. Transumbilical versus periumbilical incision for laparoscopic surgery: A meta-analysis. American Journal of Surgery, 220: 1592-1598.

Shima H, Kutomi G, Sato K, et al. 2021. An Optimal Timing for Removing a Drain After Breast Surgery: A Systematic Review and Meta-Analysis. J Surg Res, 267: 267-273.

Shine J, Efanov JI, Paek L, et al. 2019. Negative pressure wound therapy as a definitive treatment for upper extremity wound defects: A systematic review. International Wound Journal, 16: 960-967.

Shiroky J, Lillie E, Muaddi H, et al. 2020. The impact of negative pressure wound therapy for closed surgical incisions on surgical site infection: A systematic review and meta-analysis. Surgery, 167: 1001-1009.

Shohat N, Muhsen K, Gilat R, et al. 2018. Inadequate Glycemic Control Is Associated With Increased Surgical Site Infection in Total Joint Arthroplasty: A Systematic Review. J Arthroplasty, 33: 2312-3.

Shrestha D, Shrestha A, Shrestha B. 2019. Open mesh versus suture repair of umbilical hernia: Meta-analysis of randomized controlled trials. International Journal of Surgery, 62: 62-66.

Siah CJ, Childs C. 2012. A systematic review of the ASEPSIS scoring system used in non-cardiac-related surgery. Journal of Wound Care, 21: 124-130.

Siah CJR. 2011. A systematic review of surgical infection scoring systems used in surgical patients. JBI Library Syst Revs, 9: 2627-2682.

Siddiqi A, Forte SA, Docter S, et al. 2019. Perioperative antibiotic prophylaxis in total joint arthroplasty: A systematic review and meta-analysis. Journal of Bone and Joint Surgery, 101: 828-842.

Siddiqui MRS, Sajid MS, Qureshi S, et al. 2010. Elective laparoscopic sigmoid resection for diverticular disease has fewer complications than conventional surgery: A meta-analysis. Am J Surg, 200:144-161.

Singer AJ, Thode HC Jr, Chale S. et al. 2011. Primary closure of cutaneous abscesses: a systematic review. Am J Emerg Med, 29: 361-366.

Singh AK, Dhungel S, et al. 2021. Do the Benefits of Systemic Corticosteroids Outweigh Adverse Effects During Maxillofacial Trauma Surgery? Systematic Review. J Oral Maxillofac Surg, 79:1530.E1-21.

Słabuszewska-Jóźwiak A, Szymański JK, Jóźwiak Ł, et al. 2021. A systematic review and meta-analysis of wound complications after a caesarean section in obese women. Journal of Clinical Medicine, 10: 1-22.

Slump J, Bastiaannet E, Halka A. et al. 2019. Risk factors for postoperative wound complications after extremity soft tissue sarcoma resection: systematic review. J Plast Reconstruct Aesth Surg, 72:1449-64.

Smid MC, Dotters-Katz SK, Grace M et al. 2017. Prophylactic negative pressure wound therapy for obese women after cesarean delivery: A systematic review and meta-analysis. Obstet Gynecol, 130:969-78.

Smith BK, Roberts RH, Frizelle FA. 2020. O 2 No Longer the Go 2 : A Systematic Review and Meta-Analysis Comparing the Effects of Giving Perioperative Oxygen Therapy of 30% FiO 2 to 80% FiO 2 on Surgical Site Infection and Mortality. World J Surg, 44: 69-77.

Smith OJ, Kanapathy M, Khajuria A, et al. 2018. Systematic review of the efficacy of fat grafting and platelet-rich plasma for wound healing. International Wound Journal, 15: 519-526.

Smith TO, Sexton D, Mann C, et al. 2010. Sutures versus staples for skin closure in orthopaedic surgery: Meta-analysis. BMJ (Online), 340: 747.

Soeselo DA, Yolanda R, Zita M, et al. 2022. Antiseptic versus non-antiseptic solutions for preventing infection in acute traumatic wounds: a systematic review. J Wound Care, 31: 162-169.

Soh TCF, Ong QJ, Yip HM. 2021. Complications of Neck Drains in Thyroidectomies: A Systematic Review and Meta-Analysis. The Laryngoscope, 131: 690-700.

Sokouti M, Sadeghi R, Pashazadeh S, et al. 2019. Treating empyema thoracis using video-assisted thoracoscopic surgery and open decortication procedures: A systematic review and meta-analysis by meta-mumS tool. Archives of Medical Science, 15: 912-935.

Solaini L, Bazzocchi F, Cavaliere D, et al. 2018. Robotic versus laparoscopic right colectomy: an updated systematic review and meta-analysis. Surgical Endoscopy, 32: 1104-1110.

Sood S, Imsirovic A, Sains P, et al. 2020. Epigastric port retrieval of the gallbladder following laparoscopic cholecystectomy is associated with the reduced risk of port site infection and port site incisional hernia: An updated meta-analysis: Ann Med Surg, 55:244-51.

Sørensen LT 2012a. Wound healing and infection in surgery. The clinical impact of smoking and smoking cessation: a systematic review and meta-analysis. Archives of Surgery, 147: 373-383.

Sørensen LT. 2012b. Wound healing and infection in surgery: The pathophysiological impact of smoking, smoking cessation, and nicotine replacement therapy: A systematic review. Ann Surg, 255:1069-79.

Soteropulos CE, Chen JT, Poore SO, et al. 2019. Postoperative Management of Lower Extremity Free Tissue Transfer: A Systematic Review. Journal of Reconstructive Microsurgery, 35: 1-7.

Steccanella F, Amoretti P, Barbieri MR, et al. 2022. Antibiotic Prophylaxis for Hepato-Biliopancreatic Surgery-A Systematic Review. Antibiotics (Basel), 11:194.

Steele A, Stacey HJ, de Soir S, et al. 2020. The safety and efficacy of phage therapy for superficial bacterial infections: A systematic review. Antibiotics, 9: 1-14.

Suen K, Westh RN, Churilov L, et al. 2017. Low-Molecular-Weight Heparin and the Relative Risk of Surgical Site Bleeding Complications: Systematic Review and Meta-Analysis of Randomized Controlled Trials of Venous Thromboprophylaxis in Patients After Total Joint Arthroplasty. J Arthroplasty, 32: 2911-19.e2916.

Sun C, Chen L, Du R, et al. 2021. Barbed Sutures in Total Knee Arthroplasty: A Meta-analysis of Randomized-Controlled Trials. J Knee Surg, 34: 1516-1526.

Sun L, Shen YM, Chen J. 2020. Laparoscopic versus Lichtenstein hernioplasty for inguinal hernias: a systematic review of randomized controlled trials. Min Inv Ther Allied Tech, 29: 20-27.

Sun M, Zhang B, He B, et al. 2017. Comparison of intramedullary nailing and plate fixation in treatment of distal extra-articular tibial fractures: A systematic review. Int J Clin Exp Med, 10:11157-64.

Sun N, Zhang J, Zhang C, et al. 2018. Single-site robotic cholecystectomy versus multi-port laparoscopic cholecystectomy: A systematic review and meta-analysis. Am J Surg, 216: 1205-1211.

Sun W, Chen M, Duan D, et al. 2022. Effectiveness of moist dressings in wound healing after surgical suturing: A Bayesian network meta-analysis of randomised controlled trials. Int Wound J, 20:69-78.

Sun X-L, Zhao Z-H, Ma J-X, et al. 2015. Continuous Local Infiltration Analgesia for Pain Control After Total Knee Arthroplasty: A Meta-analysis of Randomized Controlled Trials. Medicine, 94: e2005.

Svensson-Björk R, Zarrouk M, Asciutto G., et al. 2019. Meta-analysis of negative pressure wound therapy of closed groin incisions in arterial surgery. British Journal of Surgery, 106: 310-318.

Szymanski K, St-Cyr D, Tarik AR, et al. 2011. External Stoma and Peristomal Complications Following Radical Cystectomy and Ileal Conduit Diversion: A Systematic Review. J WOCN, 38: S16-S16.

Tai TW, Yang CY, Jou IM, et al. 2010. Temporary Drainage Clamping After Total Knee Arthroplasty. A Meta-Analysis of Randomized Controlled Trials. Journal of Arthroplasty, 25: 1240-1245.

Tam DY, Nedadur R, Yu M, et al. 2018. Rigid Plate Fixation Versus Wire Cerclage for Sternotomy After Cardiac Surgery: A Meta-Analysis. Annals of Thoracic Surgery, 106: 298-304.

Tamini N, Rota M, Bolzonaro E, et al. 2014. Single-incision versus standard multiple-incision laparoscopic cholecystectomy: A meta-analysis. Surg Innovation, 21:528-45.

Tan CJ, Dasari BVM, Gardiner K. 2012. Systematic review and meta-analysis of randomized clinical trials of self-expanding metallic stents as a bridge to surgery versus emergency surgery for malignant left-sided large bowel obstruction. Br J Surg, 99:469-76.

Tan JH, Liu G, Ng R, et al. 2018. Is MIS-TLIF superior to open TLIF in obese patients?: A systematic review and meta-analysis. European Spine Journal, 27: 1877-1886.

Tan T, Lee H, Huang MS, et al. 2020. Prophylactic postoperative measures to minimize surgical site infections in spine surgery: systematic review and evidence summary. Spine Journal, 20: 435-447.

Tan YY, Nambiar M, Onggo JR, et al. 2021. Tibio-Talar-Calcaneal Nail Fixation for Ankle Fractures: A Systematic Review and Meta-Analysis. J Foot Ankle Surg, 61:1325-33.

Tang S, Hu W, Hu L, et al. 2019. Primary Versus Delayed Primary Incision Closure in Contaminated Abdominal Surgery: A Meta-Analysis. Journal of Surgical Research, 239: 22-30.

Tanner J, Padley W, Assadian O, et al. 2015. Do surgical care bundles reduce the risk of surgical site infections in patients undergoing colorectal surgery? A systematic review. Surg, 158:66-77.

Tansarli GS, Vardakas KZ, Stratoulias C, et al. 2014. Vacuum-assisted closure versus closure without vacuum assistance for preventing surgical site infections and infections of chronic wounds: A meta-analysis of randomized controlled trials. Surgical Infections, 15: 363-367.

Tansawet A, Numthavaj P, Techapongsatorn S, et al. 2020. Mesh position for hernia prophylaxis after midline laparotomy: A systematic review and network meta-analysis. Int J Surg, 83:144-51.

Tarawneh AM, Pasku D, Quraishi NA. 2021. Surgical complications and re-operation rates in spinal metastases surgery: a systematic review. Euro Spine J, 30: 2791-2799.

Tavares K, Mayo J, Bogenberger K, et al. 2020. Fibrin versus cyanoacrylate glue for fixation in laparoscopic inguinal hernia repair: a network meta-analysis and indirect comparison. Hernia, 24: 927-935.

Texakalidis P, Lu VM, Yolcu Y, et al. 2019. Impact of Powdered Vancomycin on Preventing Surgical Site Infections in Neurosurgery: A Systematic Review and Meta-analysis. Neurosurgery, 84: 569-580.

Theocharidis V, Katsaros I, Sgouromallis E, et al. 2018. Current evidence on the role of smoking in plastic surgery elective procedures: A systematic review. J Plast Reconstruct Aesth Surg, 71:624-36.

Thom H, Norman G, Welton NJ, et al. 2021. Intra-Cavity Lavage and Wound Irrigation for Prevention of Surgical Site Infection: Systematic Review and Network Meta-Analysis. Surgical Infections, 22: 144-167.

Timmermans L, De Goede B, Van Dijk SM, et al. 2014. Meta-analysis of sublay versus onlay mesh repair in incisional hernia surgery. American Journal of Surgery, 207: 980-988.

Tisnovsky I, Katz SD, Pincay JI, et al. 2021. Management of gunshot wound-related hip injuries: A systematic review of the current literature. Journal of Orthopaedics, 23: 100-106.

Tleyjeh IM, Alasmari FA, Bin Abdulhak AA, et al. 2012. Association between preoperative statin therapy and postoperative infectious complications in patients undergoing cardiac surgery: A systematic review and meta-analysis. Infect Control Hosp Epidemiol, 33:1143-1151.

Toeg H, French D, Gilbert S, et al. 2017. Incidence of sternal wound infection after tracheostomy in patients undergoing cardiac surgery: A systematic review. J Thorac Cardiovasc Surg, 153:1394-1400.e1397.

Togioka B, Galvagno S, Sumida S, et al. 2012. The role of perioperative high inspired oxygen therapy in reducing surgical site infection: a meta-analysis. Anesth Analges, 114: 334-342.

Tolcher MC, Whitham MD, El-Nashar SA, et al. 2019. Chlorhexidine-Alcohol Compared with Povidone-Iodine Preoperative Skin Antisepsis for Cesarean Delivery: A Systematic Review. Am J Perinatol, 36:118-23.

Tomsic I, Heinze NR, Chaberny IF, et al. 2020. Implementation interventions in preventing surgical site infections in abdominal surgery: a systematic review. BMC Hlth Serv Res, 20: 236.

Toner AJ, Ganeshanathan V, Chan MT, et al. 2017. Safety of Perioperative Glucocorticoids in Elective Noncardiac Surgery: A Systematic Review and Meta-analysis. Anesthesiology, 126: 234-248.

Tong QJ, Hammer KDP, Johnson EM, et al. 2018. A systematic review on the use of prophylactic topical antibiotics for the prevention of uncomplicated wound infections. Infect Drug Resist, 11:417-25.

Totty JP, Bua N, Smith GE, et al. 2017. Dialkylcarbamoyl chloride (DACC)-coated dressings in the management and prevention of wound infection: a systematic review. J Wound Care, 26: 107-114.

Tran BNN, Johnson AR, Shen C, et al. 2019. Closed-Incision Negative-Pressure Therapy Efficacy in Abdominal Wall Reconstruction in High-Risk Patients: A Meta-Analysis. J Surg Res, 241: 63-71.

Tsantes AG, Papadopoulos DV, Lytras T, et al. 2019. Association of malnutrition with periprosthetic joint and surgical site infections after total joint arthroplasty: a systematic review. J Hosp Infect*, 103*:69-77.

Tuuli MG, Rampersad RM, Carbone JF, et al. 2011. Staples compared with subcuticular suture for skin closure after cesarean delivery: A systematic review and meta-analysis. Obstet Gyne, 117: 682-690.

Tyagi A, Gupta A, Martires Iii VI, et al. 2021. Efficacy of Platelet-Rich Plasma in Reduction of Post-Operative Split-Thickness Skin Graft Loss and Hematoma Formation: A Meta-Analysis. Cureus, 13: e15160.

Uchino M, et al. 2021. Association between preoperative tumor necrosis factor alpha inhibitor and surgical site infection after surgery for inflammatory bowel disease: systematic review. Surg Today, 51:32-43.

Uchino M, Mizuguchi T, Ohge H, et al. 2018. The Efficacy of Antimicrobial-Coated Sutures for Preventing Incisional Surgical Site Infections in Digestive Surgery: Systematic Review. J Gastroint Surg, 22:1832-41.

Urquhart DM, Hanna FS, Brennan SL, et al. 2010. Incidence and Risk Factors for Deep Surgical Site Infection After Primary Total Hip Arthroplasty: Systematic Review. J Arthroplasty, 25: 1216-1222.e1213.

Urso S, Nogales E, González JM, et al. 2019. Bilateral internal thoracic artery versus single internal thoracic artery: A meta-analysis. Interact Cardiovasc Thor Surg, 29:163-72.

Uzzaman MM, Ratnasingham K, Ashraf N. 2012. Meta-analysis of randomized controlled trials comparing lightweight and heavyweight mesh for Lichtenstein inguinal hernia repair. Hernia, 16: 505-518.

van de Kuit A, Krishnan RJ, Mallee WH, et al. 2022. Surgical site infection after wound closure with staples versus sutures in elective knee and hip arthroplasty: a systematic review. Arthroplasty (London), 4:12.

van den Hil LCL, van Steensel S, Schreinemacher MHF, et al. 2019. Prophylactic mesh placement to avoid incisional hernias after stoma reversal: a systematic review and meta-analysis. Hernia, 23: 733-741.

van der Eng DM, Schep NWL, Schepers T. 2015. Bioabsorbable Versus Metallic Screw Fixation for Tibiofibular Syndesmotic Ruptures: A Meta-Analysis. Journal of Foot and Ankle Surgery, 54: 657-662.

van Middendorp JJ, Pull ter Gunne AF, Schuetz M, et al. 2012. A methodological systematic review on surgical site infections following spinal surgery: part 2: prophylactic treatments. Spine, 37: 2034-2045.

Vandamme L, Heyneman A, Hoeksema H, et al. 2013. Honey in modern wound care: A systematic review. Burns, 39: 1514-1525.

Vander Poorten V, Uyttebroek S, Robbins KT, et al. 2020. Perioperative Antibiotics in Clean-Contaminated Head and Neck Surgery: A Systematic Review and Meta-Analysis. Advances Therapy, 37: 1360-1380.

Varghese J, Gohari SS, Rizki H, et al. 2021. A systematic review and meta-analysis on the effect of neoadjuvant chemotherapy on complications following immediate breast reconstruction. Breast, 55:55-62.

Velotti N, Limite G, Vitiello A, et al. 2021. Flap fixation in preventing seroma formation after mastectomy: an updated meta-analysis. Updates Surg, 73: 1307-1314.

Vermeulen H, Westerbos SJ, Ubbink DT. 2010. Benefit and harm of iodine in wound care: A systematic review. Journal of Hospital Infection, 76: 191-199.

Vicentini C, Bordino V, Cornio AR, et al. 2021. Surgical site infection prevention through bundled interventions in hip replacement surgery: A systematic review. Int J Surg (London), 95: 106149.

Vierhout BP, Pol RA, El Moumni M, et al. 2017. Arteriotomy Closure Devices in EVAR, TEVAR, and TAVR: A Systematic Review and Meta-analysis. Euro J Vasc Endovasc Surg, 54:104-15.

Vijendren A, Borsetto D, Barker EJ, et al. 2019. A systematic review on prevention and management of wound infections from cochlear implantation Clinical Otolaryngology, 44: 1059-1070.

Vila PM, Zenga J, Jackson RS. 2017. Antibiotic Prophylaxis in Clean-Contaminated Head and Neck Surgery: A Systematic Review and Meta-analysis. Otolaryngol Head Neck Surg, 157: 580-588.

Villalta EM, Peiris CL. 2013. Early aquatic physical therapy improves function and does not increase risk of wound-related adverse events for adults after orthopedic surgery: systematic review. Arch Phys Med Rehab, 94:138-48.

Voigt J, Driver VR. 2012. Hyaluronic acid derivatives and their healing effect on burns, epithelial surgical wounds, and chronic wounds: A systematic review and meta-analysis. Wound Rep Regen, 20:317-31.

Vopat ML, Tarakemeh A, Morris B, et al. 2020. Early Versus Delayed Mobilization Postoperative Protocols for Lateral Ankle Ligament Repair: A Systematic Review. Orthop J Sports Med, 8:2325967120925256.

Wade RG, Burr NE, McCauley G, et al. 2021. The Comparative Efficacy of Chlorhexidine Gluconate and Povidone-iodine Antiseptics for the Prevention of Infection in Clean Surgery: A Systematic Review and Network Meta-analysis. Ann Surg, 274:e481-8.

Waldron NH, Jones CA, Gan TJ, et al. 2013. Impact of perioperative dexamethasone on postoperative analgesia and side-effects: Systematic review and meta-analysis. Br J Anaesth, 110: 191-200.

Walker M, Kralik D, Porritt K. 2014. Fasciotomy wounds associated with acute compartment syndrome: A systematic review of effective treatment. JBI Database Syst Revs Implementation Rep, 12: 101-175.

Walter CJ, Dumville JC, Sharp CA, et al. 2012. Systematic review of wound dressings in the prevention of surgical-site infections in surgical wounds healing by primary intention. Br J Surg, 99:1185-94.

Waly F, Alzahrani MM, Abduljabbar FH, et al. 2015. The Outcome of Using Closed Suction Wound Drains in Patients Undergoing Lumbar Spine Surgery: A Systematic Review. Global Spine Journal, 5: 479-485.

Wang C, Zhang Y, Qu H. 2019a. Negative pressure wound therapy for closed incisions in orthopedic trauma surgery: a meta-analysis. Journal of Orthopaedic Surgery & Research, 14: 1-7.

Wang D, Qu J, Jiang H, et al. 2019b. The safety and efficacy of botulinum toxin for management of scars: A systematic review with meta-analysis and trial sequential analysis. Toxicon, 166: 24-33.

Wang H, Hong S, Teng H, et al. 2016. Subcuticular sutures versus staples for skin closure after cesarean delivery: a meta-analysis. Journal of Maternal-Fetal and Neonatal Medicine, 29: 3705-3711.

Wang J, Chen K, Jin X, et al. 2019c. Prognostic factors for cesarean section outcome of pregnant women with gestational diabetes mellitus: A systematic review. Diab Met Syn Obes Targ Ther, 12:913-29.

Wang L, Ji Q, Hu X. 2021. Role of targeted and universal mupirocin-based decolonization for preventing surgical-site infections in patients undergoing cardiothoracic surgery: A systematic review and meta-analysis. Exp Ther Med, 21: 1-12.

Wang L, Xu X, Cao JG, et al. 2019d. Negative pressure wound therapy in total hip and knee arthroplasty: A meta-analysis. Journal of Comparative Effectiveness Research, 8: 791-797.

Wang X-C, Zhang D, Yang Z-X, et al. 2017a. Mesh reinforcement for the prevention of incisional hernia formation: a systematic review and meta-analysis of randomized controlled trials. J Surg Res, 209:17-29.

Wang Y, Wang J, Zhang J, et al. 2019e. Effectiveness and Safety of Botulinum Toxin Type A Injection for Scar Prevention: A Systematic Review and Meta-analysis. Aesth Plast Surg, 43:1241-9.

Wang Z, Zheng J, Zhao Y, et al. 2017b. Preoperative bathing with chlorhexidine reduces the incidence of surgical site infections after total knee arthroplasty: A meta-analysis. Medicine, 96: e8321.

Wang ZX, Jiang CP, Cao Y, et al. 2013. Systematic review and meta-analysis of triclosan-coated sutures for the prevention of surgical-site infection. British Journal of Surgery, 100: 465-473.

Waring GJ, Shawer S, Hinshaw K. 2018. The use of O-ring retractors at Caesarean section : A systematic review and meta analysis. Euro J Obstet Gyne Reprod Biol, 228:209-14.

Wee IJY, Syn N, Choong AMTL. 2019. Closed Incision Negative Pressure Wound Therapy in Vascular Surgery: A Systematic Review and Meta-Analysis. Euro J Vasc Endovasc Surg, 58:446-54.

Wei J, He L, Weng F, et al. 2021. Effectiveness of chlorhexidine in preventing infections among patients undergoing cardiac surgeries: a meta-analysis. Antimicrob Resist Infect Control, 10:140.

Wei N, Yuwen P, Liu W, et al. 2017. Operative versus nonoperative treatment of displaced intra-articular calcaneal fractures: A meta-analysis of current evidence base. Medicine (USA), 96:PMC5728905.

Weldrick C, Bashar K, O'Sullivan TA, et al. 2014. A comparison of fibrin sealant versus standard closure in the reduction of postoperative morbidity after Groin dissection: A systematic review and meta-analysis. Euro J Surg Oncol, 40:1391-8.

Widjaja W, Tan J, Maitz PKM 2017. Efficacy of dermal substitute on deep dermal to full thickness burn injury: a systematic review. ANZ journal of surgery, 87: 446-452.

Wijetunge S, Hill R, Morris R, et al. 2021. Advanced dressings for the prevention of surgical site infection in women post-caesarean section: systematic review. Euro J Obstet Gyne Reproduc Biol, 267:226-33.

Wijffels MME, Prins JTH, Perpetua Alvino EJ, et al. 2020. Operative versus nonoperative treatment of multiple simple rib fractures: A systematic review and meta-analysis. Injury, 51: 2368-2378.

Wolfhagen N, Boldingh QJJ, de Lange M, et al. 2022. Intraoperative Redosing of Surgical Antibiotic Prophylaxis in Addition to Preoperative Prophylaxis Versus Single Dose Prophylaxis for the Prevention of Surgical Site Infection: A Meta-Analysis and GRADE Recommendation. Ann Surg, 275:1050-7.

Wormald JCR, Wade RG, Figus A. 2014. The increased risk of adverse outcomes in bilateral deep inferior epigastric artery perforator flap breast reconstruction compared to unilateral reconstruction: A systematic review and meta-analysis. J Plast Reconstruct Aesth Surg, 67: 143-156.

Wu K-L, Lee K-C, Liu C-C, et al. 2017a. Laparoscopic versus Open Surgery for Diverticulitis: A Systematic Review and Meta-Analysis. Digest Surg, 34: 203-215.

Wu PF, Liu BH, Wang B, et al. 2018. Complications of Full-Endoscopic Versus Microendoscopic Foraminotomy for Cervical Radiculopathy: A Systematic Review. World Neurosurg, 114:217-27.

Wu Q, Jin C, Hu T, et al. 2017b. Intracorporeal Versus Extracorporeal Anastomosis in Laparoscopic Right Colectomy: A Systematic Review and Meta-Analysis. J Laparoend Adv Surg Techn, 27: 348-57.

Wu T-J, Chen K-H, Chiu W-K, et al. 2021. Optimal timing and effect of music therapy in patients with burn injuries: Systematic review and meta-analysis of randomized controlled trials. Burns, 48:1069-78.

Wu X-J, He X-S, Zhou X-Y, et al. 2010. The role of laparoscopic surgery for ulcerative colitis: systematic review with meta-analysis. International Journal of Colorectal Disease, 25: 949-957.

Wu X, Kubilay NZ, Ren J, et al. 2017c. Antimicrobial-coated sutures to decrease surgical site infections: a systematic review and meta-analysis. Euro J Clin Microbiol Infect Dis, 36: 19-32.

Wu XD, Tian X, Liu MM, et al. 2015. Meta-analysis comparing early versus delayed laparoscopic cholecystectomy for acute cholecystitis. Br J Surg, 102: 1302-1313.

Wusiman P, Yarbag A, Wurouzi G, et al. 2016. Three dimensional versus standard miniplate fixation in management of mandibular fractures: A systematic review. J Cranio-Maxillofac Surg, 44:1646-54.

Xiang Y, Chen X, Zhao J, et al. 2019. Endovascular Treatment Versus Open Surgery for Isolated Iliac Artery Aneurysms: A Systematic Review and Meta-Analysis. Vasc Endovasc Surg, 53: 401-407.

Xiao X, Ye L. 2017. Efficacy and Safety of Scarpa Fascia Preservation During Abdominoplasty: A Systematic Review and Meta-analysis. Aesth Plast Surg, 41: 585-590.

Xiao Y, Xie S, Zhang N, et al. 2018. Platinum-Based Neoadjuvant Chemotherapy versus Primary Surgery in Ovarian Carcinoma International Federation of Gynecology and Obstetrics Stages IIIc and IV: A Systematic Review and Meta-Analysis. Gyne Obstet Inv, 83: 209-219.

Xie CX, Yu CQ, Wang W, et al. 2020. A novel zipper device versus sutures for wound closure after surgery: a systematic review and meta‐analysis. International Wound Journal, 17: 1725-1737.

Xie J, Feng X, Ma J, et al. 2015. Is postoperative cell salvage necessary in total hip or knee replacement? A meta-analysis of randomized controlled trials. International Journal of Surgery, 21: 135-144.

Xie W, Dai L, Qi Y, et al. 2021. Negative pressure wound therapy compared with conventional wound dressings for closed incisions in orthopaedic trauma surgery: A meta-analysis. Int Wound J, 19:1319-28.

Xing D, Ma J-X, Ma X-L, et al. 2013. A methodological, systematic review of evidence-based independent risk factors for surgical site infections after spinal surgery. European Spine Journal, 22: 605-615.

Xu M, Tao YL. 2019. Drainage versus No Drainage after Laparoscopic Cholecystectomy for Acute Cholecystitis: A Meta-Analysis. American Surgeon, 85: 86-91.

Xu Y, Shan Z, Zhao Y, et al. 2018. Association between depth of anesthesia and postoperative outcome: A systematic review and meta-analysis. Int J Clin Exp Med, 11: 3023-3032.

Xu Z, Qu H, Gong Z, et al. 2021. Risk factors for surgical site infection in patients undergoing colorectal surgery: A meta-analysis of observational studies. PloS one, 16: e0259107.

Xue DQ, Qian C, Yang L, et al. 2012. Risk factors for surgical site infections after breast surgery: A systematic review and meta-analysis. European Journal of Surgical Oncology, 38: 375-381.

Yadla S, Campbell PG, Chitale R, et al. 2011. Effect of early surgery, material, and method of flap preservation on cranioplasty infections: a systematic review. Neurosurgery, 68: 1124-1129.

Yaghmour KM, Hossain FS, et al. 2021. Clinical and health-care cost analysis of negative pressure dressing in primary and revision total knee arthroplasty: Systematic Review. J Bone Joint Surg, 103:541-8.

Yammine K, Assi C. 2019. Intramedullary nail versus external fixator for ankle arthrodesis in Charcot neuroarthropathy: A meta-analysis of comparative studies. J Orthop Surg, 27:2309499019836012.

Yan Q, Xu LB, Ren ZF, et al. 2020. Robotic versus open pancreaticoduodenectomy: a meta-analysis of short-term outcomes. Surgical Endoscopy, 34: 501-509.

Yan R, Fu X, Ren Y-F, et al. 2021. The Analgesic Benefits of Ketorolac to Local Anesthetic Wound Infiltration Is Statistically Significant But Clinically Unimportant: Systematic Review. Adv Wound Care, 10:583-95.

Yan RC, Shen SQ, Chen ZB, et al. 2011. The role of prophylactic antibiotics in laparoscopic cholecystectomy in preventing postoperative infection: A meta-analysis. J Laparoend Adv Surg Tech, 21: 301-306.

Yang B, Cai YQ, Wang XD. 2021a. The impact of diabetes mellitus on mortality and infection outcomes in burn patients: a meta-analysis. Euro Rev Med Pharmacol Sci, 25:2481-92.

Yang C, Xiong AB, He XC, et al. 2021b. Efficacy and feasibility of amniotic membrane for the treatment of burn wounds: A meta-analysis. Journal Trauma Acute Care Surg, 90:744-55.

Yang L, Chen HS, Welk B, et al. 2013. Does using comprehensive preoperative bowel preparation offer any advantage for urinary diversion using ileum?: A meta-analysis. Int Urology Nephrol, 45: 25-31.

Yang M, Yuan F, Guo Y, et al. 2022. Efficacy of adding azithromycin to antibiotic prophylaxis in caesarean delivery: a meta-analysis and systematic review. Int J Antimicrob Agents, 59: 106533.

Yang W, Li G. 2020. The Safety and efficacy of botulinum toxin type A injection for postoperative scar prevention: A systematic review and meta-analysis. J Cosmetic Dermatol, 19: 799-808.

Yao D, Feng G, Zhao F, et al. 2021. Effects of platelet-rich plasma on the healing of sternal wounds: A meta-analysis. Wound Rep Regen, 29: 153-167.

Yao R, Tan T, Tee JW, et al. 2018. Prophylaxis of surgical site infection in adult spine surgery: A systematic review. Journal of Clinical Neuroscience, 52: 5-25.

Yeow M, Wijerathne S, Lomanto D. 2022. Intraperitoneal versus extraperitoneal mesh in minimally invasive ventral hernia repair: a systematic review and meta-analysis. Hernia, 26: 533-541.

Yi S, Tan J, Chen C, et al. 2014. The use of pneumatic tourniquet in total knee arthroplasty: a meta-analysis. Archives of Orthopaedic and Trauma Surgery, 134: 1469-1476.

Yin Y, Song T, Liao B, et al. 2012. Antibiotic prophylaxis in patients undergoing open mesh repair of inguinal hernia: A meta-analysis. American Surgeon, 78: 359-365.

Yin Y, Zhang R, Li S, et al. 2018. Negative-pressure therapy versus conventional therapy on split-thickness skin graft: A systematic review and meta-analysis. Int J Surg, 50: 43-48.

Yong L, Guang B. 2016. Abdominal drainage versus no abdominal drainage for laparoscopic cholecystectomy: A systematic review with meta-analysis. Int J Surg, 36:358-68.

You L, Zhao W, Hong X, et al. 2016. The Effect of Body Mass Index on Surgical Outcomes in Patients Undergoing Pancreatic Resection: A Systematic Review and Meta-Analysis. Pancreas, 45: 796-805.

Yu L, Kronen RJ et al. 2018a. Prophylactic negative-pressure wound therapy after cesarean is associated with reduced risk of surgical site infection: systematic review. Am J Obstet Gyne, 218:200-210.e201.

Yu P, Yu N, Yang X, et al. 2017. Clinical Efficacy and Safety of Negative-Pressure Wound Therapy on Flaps: A Systematic Review. Journal of Reconstructive Microsurgery, 33: 358-366.

Yu P, Zhai Z, Jin X, et al. 2018b. Clinical Application of Platelet-Rich Fibrin in Plastic and Reconstructive Surgery: A Systematic Review. Aesth Plast Surg, 42: 511-519.

Yuan J, Sun Y, Pan C, et al. 2017. Goal-directed fluid therapy for reducing risk of surgical site infections following abdominal surgery - A systematic review and meta-analysis. Int J Surg, 39:74-87.

Yuan K, Chen HL. 2013. Obesity and surgical site infections risk in orthopedics: A meta-analysis. International Journal of Surgery, 11: 383-388.

Zan P, Wang W, Fan L, et al. 2016. Closed-suction drainage versus no drainage in total hip arthroplasty, a meta-analysis of randomized controlled trials. Int J Clin Exp Med, 9: 725-735.

Zan PF, Yang Y, Fu D, et al. 2015. Releasing of tourniquet before wound closure or not in total knee arthroplasty: A meta-analysis of randomized controlled trials. Journal of Arthroplasty, 30: 31-37.

Zang Y, Hu Y, Lu H. 2022. Effects of different techniques during the second stage of labour on reducing perineal laceration: An overview of systematic reviews. J Clin Nurs, 32:996-1013.

Zapata-Copete J, Aguilera-Mosquera S, García-Perdomo HA. 2017. Antibiotic prophylaxis in breast reduction surgery: A systematic review and meta-analysis. J Plast Reconstruct Aesth Surg, 70: 1689-1695.

Zehetner J, Pelipad D, Darehzereshki A, et al. 2013. Single-access laparoscopic cholecystectomy versus classic laparoscopic cholecystectomy: systematic review. Surg Laparos Endos Percutan Tech, 23:235-43.

Zhang C, Li F, Zhang H, et al. 2013a. Self-gripping versus sutured mesh for inguinal hernia repair: A systematic review and meta-analysis of current literature. Journal of Surgical Research, 185: 653-660.

Zhang D, He L. 2022. A systemic review and a meta-analysis on the influences of closed incisions in orthopaedic trauma surgery by negative pressure wound treatment compared with conventional dressings. Int Wound J, 20:46-54.

Zhang D, Sun K, Wang T, et al. 2020a. Systematic Review and Meta-Analysis of the Efficacy and Safety of Enhanced Recovery After Surgery vs. Conventional Recovery After Surgery on Perioperative Outcomes of Radical Cystectomy. Front Oncol, 10:doi.org/10.3389/fonc.2020.541390.

Zhang M-X, Sun Y-H, Xu Z, et al. 2015a. Wound edge protector for prevention of surgical site infection in laparotomy: an updated systematic review and meta-analysis. ANZ J Surg, 85: 308-314.

Zhang MX, Chen CY, Fang QQ, et al. 2016a. Risk factors for complications after reduction mammoplasty: A meta-analysis. PLoS ONE, 11:e0167746.

Zhang Q, Liu L, Sun W, et al. 2018. Are closed suction drains necessary for primary total knee arthroplasty? A systematic review and meta-analysis. Medicine (United States), 97.

Zhang QD, Guo WS, Zhang Q, et al. 2011. Comparison Between Closed Suction Drainage and Nondrainage in Total Knee Arthroplasty. A Meta-Analysis. Journal of Arthroplasty, 26: 1265-1272.

Zhang S, Zheng Y, Wu B, et al. 2013b. Meta-analysis of video-assisted thyroidectomy versus conventional thyroidectomy. Surgical Practice, 17: 83-91.

Zhang T, Zhang F, et al. 2020b. Comparison of early and delayed removal of dressing following primary closure of clean and contaminated surgical wounds: systematic review. Exp Ther Med, 19:3219-26.

Zhang W, Li X, Li X. 2020c. Efficacy and Safety of Botulinum Toxin Type A in Preventing Postoperative Scars and Improving the Cosmetic Appearance of Scars: A Systematic Review. J Cutan Med Surg, 24:608-18.

Zhang W, Li X, Li X. 2021. A systematic review and meta-analysis of perforator flaps in plantar defects: Risk analysis of complications. Int Wound J, 18:525-35.

Zhang X, et al. 2022. Risk factors for surgical site infection following spinal surgery. Med, 101:e28836.

Zhang Y, Gazyakan E, Bigdeli AK, et al. 2019. Soft tissue free flap for reconstruction of upper extremities: A meta-analysis on outcome and safety. Microsurgery, 39: 463-475.

Zhang Y, Shen Z, Zhou X, et al. 2020d. Comparison of meatal-based flap (Mathieu) and tubularized incised-plate (TIP) urethroplasties for primary distal hypospadias: A systematic review. J Ped Surg, 55:2718-27.

Zhang Y, Wang T, He J, et al. 2016b. Growth factor therapy in patients with partial-thickness burns: A systematic review and meta-analysis. International Wound Journal, 13: 354-366.

Zhang Y, Zheng QJ, Wang S, et al. 2015b. Diabetes mellitus is associated with increased risk of surgical site infections: A meta-analysis of prospective cohort studies. Am J Infect Control, 43: 810-815.

Zhang Y, Zhou H, Chai Y, et al. 2014. Laparoscopic versus open incisional and ventral hernia repair: a systematic review and meta-analysis. World J Surg, 38:2233-40.

Zhao H, Hu J, Zhao L 2021. The effect of low-level laser therapy as an adjunct to periodontal surgery in the management of postoperative pain and wound healing: a systematic review. Lasers Med Sci, 36:175-87.

Zhao X, Liu B, Zhao E, et al. 2014. The safety and efficiency of surgery with colonic stents in left-sided malignant colonic obstruction: A meta-analysis. Gastroenterology Research and Practice, 2014.

Zheng B, Wang N, Qiao Q, et al. 2014a. Meta-analysis of trials comparing Lichtenstein and totally extraperitoneal laparoscopic hernioplasty in treatment of inguinal hernias. J Surg Res, 192:409-20.

Zheng, H., Barnett, A. G., Merollini, K., et al. 2014b. Control strategies to prevent total hip replacement-related infections: A systematic review and mixed treatment comparison. BMJ Open, 4:e003978.

Zheng W, Zhao D-L, Zhao Y-Q, et al. 2022. Effectiveness of platelet rich plasma in burn wound healing: a systematic review and meta-analysis. J Dermatolog Treat, 33: 131-137.

Zheng W, Zhao DL, Zhao YQ, et al. 2020a. Effectiveness of platelet rich plasma in burn wound healing: a systematic review and meta-analysis. J Dermatolog Treat, 33: 131-7.

Zheng X-Q, Huang J-F, Lin J-L, et al. 2020b. Effects of preoperative warming on the occurrence of surgical site infection: A systematic review and meta-analysis. International Journal of Surgery, 77: 40-47.

Zhong C, Wu B, Yang Z, et al. 2013. A meta-analysis comparing lightweight meshes with heavyweight meshes in Lichtenstein inguinal hernia repair. Surgical Innovation, 20: 24-31.

Zhou P, Zhu P, Nie Z, et al. 2019. Is the era of bilateral internal thoracic artery grafting coming for diabetic patients? An updated meta-analysis. J Thor Cardiovasc Surg, 158: 1559.

Zhu J, Pu Y, Yang X, et al. 2016. Prophylactic Mesh Application during Colostomy to Prevent Parastomal Hernia: A Meta-Analysis. Gastroenterology Research and Practice, 2016.

Zhu S, Chen Y, Lin F, et al. 2021. Complications following titanium cranioplasty compared with nontitanium implants cranioplasty: A systematic review and meta-analysis. J Clin Neurosci, 84: 66-74.

Zhu X, Sun X, Zeng Y, et al. 2020. Can nasal Staphylococcus aureus screening and decolonization prior to elective total joint arthroplasty reduce surgical site and prosthesis-related infections? A systematic review and meta-analysis. J Ortho Surg Res, 15:1-11.

Zijlmans JL, Buis DR, Verbaan D, et al. 2016. Wound drains in non-complex lumbar surgery a systematic review. Bone and Joint Journal, 98B: 984-989.

Zorrilla-Vaca A, et al. 2016. Impact of neuraxial versus general anesthesia on incidence of postoperative surgical site infections following knee or hip arthroplasty. Reg Anesthes Pain Med, 41:555-63.

Zucker BE, Simillis C, Tekkis P, et al. 2019. Suture choice to reduce occurrence of surgical site infection, hernia, wound dehiscence and sinus/fistula: meta-analysis. Ann Royal Coll Surg Eng, 101:150-61.

Zuo KJ, Fung E, et al. 2015. A systematic review of post-surgical pyoderma gangrenosum: identification of risk factors and proposed management strategy. J Plast Reconstruct Aesth Surg, 68:295-303.

Zwanenburg PR, Timmermans FW, Timmer AS, et al. 2021. A systematic review evaluating the influence of incisional Negative Pressure Wound Therapy on scarring. Wound Rep Regen, 29: 8-19.