

Reference	Title	Exposure vs. Comparison(s)	Outcome(s)
Basta et al. 2015	A Systematic Review and Head-to-Head Meta-Analysis of Outcomes following Direct-to-Implant versus Conventional Two-Stage Implant Reconstruction	<ul style="list-style-type: none"> <li>• Prepectoral vs. partial subpectoral breast reconstruction</li> <li>• Prepectoral vs. total subpectoral breast reconstruction</li> <li>• Prepectoral vs. subpectoral breast reconstruction</li> </ul>	Complications
Bekara et al. 2016	A Systematic Review and Meta-Analysis of Perforator-Pedicled Propeller Flaps in Lower Extremity Defects: Identification of Risk Factors for Complications	<ul style="list-style-type: none"> <li>• Age over vs. under 60 years</li> <li>• Diabetic vs. not diabetic</li> <li>• Arteriopathy vs. no arteriopathy</li> <li>• Smoker vs. not smoker</li> </ul>	Complications
Chaput et al. 2016	Comparison of Single and Double Venous Anastomoses in Head and Neck Oncologic Reconstruction Using Free Flaps: A Meta-Analysis	<ul style="list-style-type: none"> <li>• Single vs. double vein anastomosis (all procedures)</li> <li>• Single vs. double vein anastomosis (radial forearm flap or antero-lateral thigh flap)</li> </ul>	Flap failure; Venous thrombosis; Surgical revision
Coroneos et al. 2015	Primary Nerve Repair for Obstetrical Brachial Plexus Injury: A Meta-Analysis	<ul style="list-style-type: none"> <li>• Operative vs. non-operative intervention</li> </ul>	Functional impairment

Devulapalli et al. 2016	Primary versus Flap Closure of Perineal Defects following Oncologic Resection: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"> <li>Primary closure vs. flap closure</li> </ul>	Total perineal wound complications; Major perineal wound complications; Minor perineal wound complications; Abdominal hernia; Unplanned reoperation
Drinane et al. 2017	Examining the Role of Antimicrobial Irrigation and Capsular Contracture: A Systematic Review and Meta-analysis	<ul style="list-style-type: none"> <li>Antimicrobial irrigation vs. saline control</li> <li>Antibiotic irrigation vs. saline control</li> <li>Iodine irrigation vs. saline control</li> </ul>	Capsular contracture
Egeberg and Sørensen 2016	The Impact of Breast Implant Location on the Risk of Capsular Contraction	<ul style="list-style-type: none"> <li>Subglandular vs. submusclar implant placement</li> </ul>	Capsular contracture
Egeberg and Sørensen 2012	Comparing the donor-site morbidity using DIEP, SIEA or MS-TRAM flaps for breast reconstructive surgery: a meta-analysis	<ul style="list-style-type: none"> <li>Deep inferior epigastric perforator flap vs. muscle-sparing transverse rectus abdominis myocutaneous flap</li> </ul>	Abdominal bulge

Fischer et al. 2016	A Systematic Meta-analysis of Prosthetic-Based Breast Reconstruction in Irradiated Fields With or Without Autologous Muscle Flap Coverage	<ul style="list-style-type: none"> <li>Latissimus dorsi flap plus implant vs. implant only</li> </ul>	Implant loss; Reoperation; Wound infection; Baker 3 or 4 contracture
Fujihara et al. 2017	The Effect of Workers' Compensation on Outcome Measurement Methods after Upper Extremity Surgery: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"> <li>Uncompensated vs. compensated work</li> </ul>	Satisfaction; Pain; Patient reported outcome score; Functional measure; Patient reported outcome score plus functional measure; Return to work; Adverse events
Giordano et al. 2017	Tissue sealants may reduce haematoma and complications in face-lifts: A meta-analysis of comparative studies	<ul style="list-style-type: none"> <li>Tissue sealant vs. control</li> </ul>	Haematoma occurrence
Gordon et al. 2019	Evidence for Healing Diabetic Foot Ulcers with Biologic Skin Substitutes: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"> <li>Cultured skin graft vs. standard of care</li> <li>Dermal substitutes vs. standard of care</li> <li>Biosynthetic dressing vs. standard of care</li> </ul>	Complete wound healing
Hasanbegovic and Sørensen 2014	Complications following body contouring surgery after massive weight loss: a meta-analysis	<ul style="list-style-type: none"> <li>Post-bariatric surgery vs. not post-bariatric surgery</li> </ul>	Complications

Ho et al. 2012	A systematic review and meta-analysis of complications associated with acellular dermal matrix-assisted breast reconstruction	<ul style="list-style-type: none"> <li>Acellular dermal matrix vs. non-acellular dermal matrix breast reconstruction</li> </ul>	Seroma; Infection; Cellulitis; Reconstructive failure; Skin flap necrosis
Horbach et al. 2016	Intralesional Bleomycin Injections for Vascular Malformations: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"> <li>Bleomycin/Pingyangmycin vs. Other Sclerosant for sclerotherapy for venous malformations</li> </ul>	Adverse events; Good to excellent size reduction
Khavanin et al. 2019	Management of Teeth in the Line of Mandibular Angle Fractures Treated with Open Reduction and Internal Fixation: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"> <li>Retention vs. extraction of teeth</li> </ul>	Overall complications; Minor complications; Postoperative infection; Removal of metalwork; Revision surgery; Delayed union/nonunion/pseudoarthrosis; Dehiscence
Kim et al. 2012	A meta-analysis of human acellular dermis and submuscular tissue expander breast reconstruction	<ul style="list-style-type: none"> <li>Human acellular dermal matrix vs. submuscular reconstruction</li> </ul>	Postoperative analgesics use; Postoperative nausea/vomiting
Lam et al. 2013	The effects of postmastectomy adjuvant radiotherapy on immediate two-stage prosthetic breast reconstruction: a systematic review	<ul style="list-style-type: none"> <li>All immediate breast reconstruction plus adjuvant radiotherapy vs. control</li> </ul>	Prosthesis loss

		<ul style="list-style-type: none"> <li>• Stage I immediate breast reconstruction plus adjuvant radiotherapy vs. control</li> </ul>	
Lee and Mun 2016	Effects of Obesity on Postoperative Complications After Breast Reconstruction Using Free Muscle-Sparing Transverse Rectus Abdominis Myocutaneous, Deep Inferior Epigastric Perforator, and Superficial Inferior Epigastric Artery Flap: A Systematic Review and Meta-analysis	<ul style="list-style-type: none"> <li>• Obese vs. not obese</li> </ul>	Total flap loss; Partial flap loss; Combined flap loss; Fat necrosis; Incidence of hernia or abdominal bulge; Overall abdominal complications
Lee et al. 2017	A Meta-analysis of Studies Comparing Outcomes of Diverse Acellular Dermal Matrices for Implant-Based Breast Reconstruction	<ul style="list-style-type: none"> <li>• FlexHD vs. freeze dried AlloDerm</li> <li>• Ready to use vs. freeze dried Alloderm</li> </ul>	Infection; Seroma formation; Reconstruction failure
Li et al. 2020	Prepectoral Versus Subpectoral Implant-Based Breast Reconstruction: A Meta-analysis	<ul style="list-style-type: none"> <li>• Prepectoral vs. partial subpectoral breast reconstruction</li> <li>• Prepectoral vs. total subpectoral breast reconstruction</li> <li>• Prepectoral vs. subpectoral breast reconstruction</li> </ul>	Complications

Man et al. 2009	Abdominal wall following free TRAM or DIEP flap reconstruction: a meta-analysis and critical review	<ul style="list-style-type: none"> <li>• Deep inferior epigastric perforator vs. transverse rectus abdominis flap</li> </ul>	Fat necrosis; Flap loss; Abdominal bulge or hernia
Ohkuma et al. 2014	Abdominally based free flap planning in breast reconstruction with computed tomographic angiography: systematic review and meta-analysis	<ul style="list-style-type: none"> <li>• Computed tomographic angiography vs. Doppler ultrasonography</li> </ul>	Overall flap-related complications; Fat necrosis, partial flap necrosis, and total flap necrosis; Fat necrosis only
Powcharoen et al. 2019	Computer-Assisted versus Conventional Freehand Mandibular Reconstruction with Fibula Free Flap: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"> <li>• Computer-assisted vs. conventional reconstruction</li> </ul>	Complications
Riot et al. 2015	A Systematic Review and Meta-Analysis of Double Venous Anastomosis in Free Flaps	<ul style="list-style-type: none"> <li>• Double vein vs. single vein anastomosis</li> </ul>	Flap failure
Sadr-Eshkevari et al. 2013	Alloplastic mandibular reconstruction: a systematic review and meta-analysis of the current century case series	<ul style="list-style-type: none"> <li>• Radiotherapy vs. control</li> <li>• Passing the midline (defect site) vs. control</li> </ul>	Complications; Plate loss; Exposure; Fracture
Schaverien et al. 2013	Is immediate autologous breast reconstruction with postoperative radiotherapy good practice?: a systematic review of the literature	<ul style="list-style-type: none"> <li>• Immediate autologous breast reconstruction and postoperative radiotherapy vs. no radiotherapy</li> </ul>	Overall complications; Fat necrosis; Revision surgery

		<ul style="list-style-type: none"> <li>• Immediate autologous breast reconstruction and postoperative radiotherapy vs. radiotherapy before reconstruction</li> </ul>	
Sebai et al. 2019	Enhanced Recovery after Surgery Pathway for Microsurgical Breast Reconstruction: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"> <li>• Enhanced recovery after surgery pathway vs. traditional recovery</li> </ul>	Partial flap loss; Complete flap loss; Flap necrosis; Hematoma; Urinary tract infection; Pneumonia; Cellulitis; Donor site infection; Pulmonary embolism; Readmissions; Reoperations
Shin et al. 2017	Risk of major limb amputation in diabetic foot ulcer and accompanying disease: A meta-analysis	<ul style="list-style-type: none"> <li>• Hypertension vs. control</li> <li>• Ischemic heart disease vs. control</li> <li>• Cerebrovascular disease vs. control</li> <li>• Peripheral artery disease vs. control</li> </ul>	Major amputations
Singh et al. 2019	Meta-Analysis of Comparative Trials Evaluating a Single-Use Closed-Incision Negative-Pressure Therapy System	<ul style="list-style-type: none"> <li>• Closed-incision negative-pressure therapy vs. control</li> </ul>	Infections
Siotos et al. 2019	The Use of Tumescent Technique in Mastectomy and Related Complications: A Meta-Analysis	<ul style="list-style-type: none"> <li>• Tumescent vs. non-tumescent technique for mastectomy</li> </ul>	Overall skin necrosis; Major skin necrosis; Minor skin necrosis;

			Breast hematoma; Surgical site infection
Siotos et al. 2019	Keloid Excision and Adjuvant Treatments: A Network Meta-analysis	<ul style="list-style-type: none"> <li>• No excision vs. excision only</li> <li>• Excision only vs. excision plus 1 adjuvant drug</li> <li>• Excision only vs. excision plus radiation</li> <li>• Excision plus 1 adjuvant drug vs. excision plus. 2 adjuvant drugs</li> <li>• Excision plus 1 adjuvant drug vs. excision plus radiation</li> <li>• Steroids after excision vs. interferon after excision</li> </ul>	Keloid recurrence
Siotos et al. 2019	Breast reconstruction and risk of arm lymphedema development: A meta-analysis	<ul style="list-style-type: none"> <li>• Breast surgery + reconstruction vs. breast surgery only (by patient)</li> <li>• Total mastectomy + reconstruction vs. total mastectomy only</li> <li>• Tissue expander/implant-based breast reconstruction vs. autologous reconstruction (by patient)</li> </ul>	Lymphedema



		<ul style="list-style-type: none"> <li>Tissue expander/implant-based breast reconstruction vs. autologous reconstruction (by individual breast)</li> </ul>	
Smith et al. 2018	Human acellular dermis increases surgical site infection and overall complication profile when compared with submuscular breast reconstruction: An updated meta-analysis incorporating new products	<ul style="list-style-type: none"> <li>Human acellular dermal matrix vs. submuscular reconstruction</li> </ul>	Overall complications; Flap necrosis; Infection; Seroma formation; Hematoma formation; Implant explantation; Revision surgery
Stahl et al. 2013	Critical analysis of causality between negative ulnar variance and Kienböck disease	<ul style="list-style-type: none"> <li>Kienböck disease vs. control</li> </ul>	Negative ulnar variance
Stein et al. 2019	Determining postoperative outcomes after cleft palate repair: A systematic review and meta-analysis	<ul style="list-style-type: none"> <li>Furlow vs. VY pushback repair</li> <li>Furlow vs. Bardach repair</li> </ul>	Postoperative fistula formation; Velopharyngeal insufficiency
Tahiri et al. 2011	General anaesthesia versus thoracic paravertebral block for breast surgery: a meta-analysis	<ul style="list-style-type: none"> <li>Thoracic paravertebral block vs. general anaesthesia</li> </ul>	Postoperative analgesics use; Postoperative nausea/vomiting
Theocharidis et al. 2018	Current evidence on the role of smoking in plastic surgery elective procedures: A systematic review and meta-analysis	<ul style="list-style-type: none"> <li>Smoker vs. non-smoker</li> </ul>	Postoperative complications (for abdominoplasty, breast

			reduction, and breast reconstruction separately)
Tsoi et al. 2014	Safety of tissue expander/implant versus autologous abdominal tissue breast reconstruction in postmastectomy breast cancer patients: a systematic review and meta-analysis	<ul style="list-style-type: none"> <li>Autologous abdominal tissue vs. tissue expander/implant</li> </ul>	Surgical site infection overall; Surgical site infection on irradiated breasts; Hematoma or seroma
Wade et al. 2018	Perforator mapping reduces the operative time of DIEP flap breast reconstruction: A systematic review and meta-analysis of preoperative ultrasound, computed tomography and magnetic resonance angiography	<ul style="list-style-type: none"> <li>Computed tomography angiography vs. ultrasound mapping</li> </ul>	Total flap failure; Partial flap failure
Walker et al. 2019	Hematoma Risks of Nonsteroidal Anti-inflammatory Drugs Used in Plastic Surgery Procedures: A Systematic Review and Meta-analysis	<ul style="list-style-type: none"> <li>Perioperative NSAIDs vs. no perioperative NSAIDs</li> </ul>	Hematoma incidence
Wormald et al. 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	<ul style="list-style-type: none"> <li>Unilateral vs. bilateral deep inferior epigastric perforator flap</li> </ul>	Total flap failure
Yalanis et al. 2015	Efficacy and Safety of Povidone-Iodine Irrigation in Reducing the Risk of Capsular Contracture in Aesthetic	<ul style="list-style-type: none"> <li>Betadine vs. saline irrigation</li> </ul>	Capsular contracture

	Breast Augmentation: A Systematic Review and Meta-Analysis		
Zhang et al. 2014	Effectiveness and safety of negative-pressure wound therapy for diabetic foot ulcers: a meta-analysis	<ul style="list-style-type: none"><li>Negative pressure wound therapy vs. non-negative pressure wound therapy</li></ul>	Healing; Adverse events
Zhu et al. 2018	Mechanical versus Hand-Sewn Venous Anastomoses in Free Flap Reconstruction: A Systematic Review and Meta-Analysis	<ul style="list-style-type: none"><li>Mechanical vs. hand-sewn anastomoses</li></ul>	Venous complication rate; Flap failure rate; Venous complication rate