**XF-73 Nasal Literature Review**

**Period: 24/03/2024 – 24/04/2024**

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Scientific Highlights

1. Clinical Efficacy of Nasal Screening and Methicillin-Resistant Staphylococcusaureus Decolonization in Total Hip Arthroplasty without Chlorhexidine Soap or Vancomycin.
2. [Antiseptics in otorhinolaryngology-a substance overview].
3. Predictors for multidrug-resistant organisms (MDROs) carriage in haemodialysis patients.
4. Preventive strategies to reduce the rate of periprosthetic infections in total joint arthroplasty; a comprehensive review.

SA Decolonisation

1. Antibiogram Profiling of Antibiotics in Ear, Nose, and Throat Infections in Tertiary Healthcare Settings.
2. Bacteria-Targeting Nanoparticles with ROS-Responsive Antibiotic Release to Eradicate Biofilms and Drug-Resistant Bacteria in Endophthalmitis.
3. Genetic Diversification and Resistome of Coagulase-Negative Staphylococci from Nostrils of Healthy Dogs and Dog-Owners in La Rioja, Spain.
4. Staphylococcus aureus Biofilm-Secreted Factors Cause Mucosal Damage, Mast Cell Infiltration, and Goblet Cell Hyperplasia in a Rat Rhinosinusitis Model.
5. Getting the drop on Staphylococcus aureus: Semiquantitative Staphylococcus aureus nasal colony reduction in orthopedic surgery reduces surgical site infection.
6. Reducing Hospitalizations and Multidrug-Resistant Organisms via Regional Decolonization in Hospitals and Nursing Homes.
7. ERAS® Cardiac Society Turnkey Order Set for Surgical Site Infection Prevention: Proceedings from the AATS ERAS Conclave 2023.
8. Staphylococcus aureus nasal colonization and susceptibility profile to antimicrobials in hemodialysis patients using a protocol of seven collections.
9. Zoonotic bacteria in the vicinity of animal farms as a factor disturbing the human microbiome: a review.
10. Anticancer, antioxidant, and antibacterial activity of chemically fingerprinted extract from Cyclamen persicum Mill.
11. Cystic fibrosis in Iceland and the high prevalence of the N1303K variant.
12. (1)S. aureus biofilm properties correlate with immune B cell subset frequencies and severity of chronic rhinosinusitis.
13. Epidemiological and etiological characteristics of 1266 patients with severe acute respiratory infection in central China, 2018-2020: a retrospective survey.

SA / MRSA Colonisation / Infection

1. Extracellular Sombrero Vesicles are Hallmarks of Eosinophilic Cytolytic Degranulation in Tissue Sites of Human Diseases.
2. Off-Pump Coronary Artery Bypass Grafting Does Not Confer Superior Outcomes Among Frail Patients.
3. Outcomes after surgery for children in Africa (ASOS-Paeds): a 14-day prospective observational cohort study.
4. An Analysis of the Efficacy of Multilayered Repair and Reconstruction Using Combined Tissue Pedicle Flaps for Abdominal Wall Defects in Adult Bladder Exstrophy Patients.
5. Quality of Life After Lower Leg Reconstruction With the Latissimus Dorsi Free Flap in Pediatric Patients.
6. Endotension Following Endovascular Aneurysm Repair: Retrospective Review of Treatment and Clinical Outcome.
7. Perioperative outcomes of ileorectal anastomosis - an analysis of 823 patients.
8. The influence of depression on clinical outcomes of total shoulder arthroplasty: a systematic Review.
9. Ninety-day postoperative mortality and complications in continuous and unselected single-stage revisions for chronic periprosthetic joint infection.
10. Laparoscopic Sac Disconnection and Peritoneal Closure of Pediatric Inguinal Hernia.
11. Perioperative and Post-Hospital Whole-Course nutrition management in patients with pancreatoduodenectomy - a Single-Center prospective randomized controlled trial.
12. Ocular Dirofilariasis in Migrant from Sri Lanka, Australia.
13. Prognostic value of poly-microorganisms detected by droplet digital PCR and pathogen load kinetics in sepsis patients: a multi-center prospective cohort study.
14. Acanthamoeba Infection and Nasal Rinsing, United States, 1994-2022.
15. Case Report of Nasal Rhinosporidiosis in South Africa.
16. Mycobacterial Endocarditis, A Rare Form of Infective Endocarditis.
17. Comprehensive assessment of risk factors and pathogenic characteristics of wound infections following thoracoscopic radical resection for lung cancer.
18. Effect of platelet-rich plasma on healing of lower extremity diabetic skin ulcers: A meta-analysis.
19. Lower Rates of Re-Operation Following Partial or Complete Revision Arthroplasty Compared to Debridement, Antibiotics, and Implant Retention for Early Postoperative and Acute Hematogenous Periprosthetic Hip Infection.
20. Emergency totally laparoscopic surgery for appendicitis in right Amyand's hernia associated to symptomatic left inguinal hernia: A case report.
21. Risk of post-tonsillectomy hemorrhage among COVID-19 positive pediatric patients.
22. Supraorbital keyhole approaches in the first 3 years of practice: outcomes and lessons learned. Patient series.
23. Use of nebulized liposomal amphotericin B and posaconazole as antifungal prophylaxis in patients with severe SARS-CoV2 infection in intensive care unit.
24. Nonmetallic tension band fixation is a viable and low-complication surgical technique in patellar fractures: a five-year retrospective study.
25. Dual and triple modulator therapy for chronic rhinosinusitis in cystic fibrosis patients.
26. Subperiosteal delivery of transforming growth factor beta 1 and human growth hormone from mineralized PCL films.
27. Free flap reconstruction of elbow soft tissue defects: Lessons learned from 15 years of experience.
28. Does Recent COVID-19 Infection Impact Safety of Nasal Surgery?
29. Association of Smokeless Tobacco and Complications Following Ankle and Hindfoot Arthrodesis.
30. Skin grafting on amputated lower limb, norepinephrine-induced ischemic limb necrosis - case report.
31. Atypical hand foot and mouth disease related Coxsackievirus-A10 infection in an adult patient.
32. Three Differing Methods of Treating Intraoperative Non-Displaced Calcar Fractures Demonstrate Similar Radiographic Stem Subsidence.
33. The effect of Unidirectional Airflow ventilation on Surgical Site Infection in Cardiac Surgery: environmental impact as a factor in the choice for Turbulent Mixed Airflow.
34. Surgical Site Infections in Trauma Exploratory Laparotomies Preoperative Ceftriaxone and Metronidazole Versus Cefoxitin.
35. Safety and feasibility of single-port nephroscopy combined with a needle electrode technique to treat dorsal SRCs.
36. Rapid detection of SARS-CoV-2 spike protein using a magnetic-assisted electrochemical biosensor based on functionalized CoFe(2)O(4) magnetic nanomaterials.
37. Calcinosis in systemic sclerosis: An update on pathogenesis, related complications, and management: A heavy burden still waiting to be lifted off patients' hands.
38. Eradication of Staphylococcus aureus in Implant-Associated Osteomyelitis by an Injectable in situ-Forming Depot Antibiotics Delivery System.
39. Gut barrier dysfunction and the risk of ICU-acquired bacteremia- a case-control study.
40. Vacuum-assisted mini-percutaneous nephrolithotomy is associated with lower rates of infectious complications compared to vacuum-cleaner procedure in patients at high risk for infections: a single-center experience.
41. The Effectiveness of Perioperative Nursing Interventions for Surgical Site Infection Prevention in Orthopedic Surgery.
42. Year-Over-Year Ventral Hernia Recurrence Rates and Risk Factors.
43. The real-time analysis of gastric juice (Endofaster) for detection of Helicobacter Pylori: a reliable tool in substitution of histology.
44. Sustaining the Continued Effectiveness of an Antimicrobial Stewardship Program in Preterm Infants.
45. Correlation between Oxidative Stress Markers and Periodontal Disease in Dogs.
46. Real-Life Treatment Outcome of Botulinum Toxin A Injection on Overactive Bladder and Voiding Dysfunction in Patients with Central Nervous System Lesions.
47. Brucellar Endocarditis of the Tricuspid Valve: A Case Report and Review of the Literature.
48. Comparative evaluation of volumetric changes between two pediatric rotary files (Kedo-S plus, Kedo-SG blue) and manual files (hand K-files) during canal preparation of primary mandibular molars: an in-vitro nano-CT analysis.
49. [Application of uniportal video-assisted thoracoscopic surgery in the treatment of tuberculous destroyed lung].
50. [Technical exploration and early results of two-port total thoracoscopic aortic-mitral double-valve replacement].
51. Deap-seated infection and nonunion following internal fixation for Charcot foot deformity correction. A proportional meta-analysis of level 4 evidence.
52. [Clinical effects of flaps or myocutaneous flaps transplantation after titanium mesh-retaining debridement in repairing the wounds with exposed titanium mesh after cranioplasty].
53. [Clinical characteristics of 11 patients with Vibrio vulnificus infection and the establishment of a rapid diagnosis procedure for this disease].
54. How to reduce anterior resection syndrome and post-operative complication after rectosigmoid resection.
55. Clostridium difficile Infection Prior to Total Hip Arthroplasty Independently Increases the Risk of Periprosthetic Joint Infection.
56. Debridement, Antibiotics, and Implant Retention in Unicompartmental Knee Arthroplasty Infection.
57. Latent class analysis of chest CT abnormalities to define subphenotypes in patients with MPO-ANCA-positive microscopic polyangiitis.
58. Reverse Shoulder Arthroplasty or Nothing for Patients with Displaced Proximal Humeral Fractures. A Randomized Controlled Trial.
59. Recent advances towards point-of-care devices for fungal detection: Emphasizing the role of plasmonic nanomaterials in current and future technologies.
60. Epidemiological and clinical insights into the enterovirus D68 upsurge in Europe 2021/22 and the emergence of novel B3-derived lineages, ENPEN multicentre study.
61. Potentiation of Brain Bioavailability Using Thermoreversible Cubosomal Formulation.
62. Clinical and radiological septic joint analysis of spontaneous sternoclavicular joint infections: Achieving the best Outcomes- A systems engineering approach.
63. Update and approach to patients with brain abscess.
64. OXIDATIVE study: A pilot prospective observational cohort study protocol examining the influence of peri-reperfusion hyperoxemia and immune dysregulation on early allograft dysfunction after orthotopic liver transplantation.
65. A wireless, implantable bioelectronic system for monitoring urinary bladder function following surgical recovery.
66. The role of diabetic foot treatment in improving left ventricular function: Insights from global longitudinal strain echocardiography.
67. Differential diagnosis between kaposi sarcoma-associated herpesvirus cytokine syndrome and hemophagocytic lymphohistiocytosis.
68. Energy-Based Devices for the Treatment of Cutaneous Verrucae: A Systematic Review.
69. Effectiveness and safety of CT-guided drainage of abdominal abscesses with small and extra-small-bore drains: a single-centre observational study.
70. Intranasal boosting with RBD-HR protein vaccine elicits robust mucosal and systemic immune responses.
71. Non-antigen-specific Immunoadsorption Is a Risk Factor for Severe Postoperative Infections in ABO-Incompatible Kidney Transplant Recipients.
72. Unveiling a Coalescing Catastrophe: Pre-pyloric Perforation Co-existing With Sigmoid Volvulus in a Middle-Aged Patient.
73. Necrotizing Parasagittal Meningioma in Patient with Systemic Lupus Erythematosus after Treatments with Methotrexate and Hydroxychloroquine.
74. Basal cell carcinoma-a clinical indicator of immunosuppression.
75. Surgical Management and Clinical Outcomes of Extracranial Carotid Artery Pseudoaneurysms.
76. [Minimally invasive removal of dumbbell shaped schwannomas with transforaminal lumbar fusion: a retrospective study with a minimum 3-year follow-up].
77. Utilizing Video-Assisted Retroperitoneal Debridement for Retroperitoneal Abscess Following Penetrating Trauma.
78. The impact of preoperative biliary drainage on postoperative healthcare-associated infections and clinical outcomes following pancreaticoduodenectomy: a ten-year retrospective analysis.
79. Impact of Preformed Donor-specific Antibodies in Comparison to ABO Incompatibility in Living Donor Liver Transplantation: A Propensity Score-Matched Analysis.
80. The usability and outcomes of self-monitored surgical wound healing using a smartphone based application by patients following neurosurgery.
81. BISHOP FLAP AND SIGMA FLAP TO REPAIR SURGICAL DEFECTS IN HIGH-TENSION ANATOMICAL REGIONS.
82. Clinical characteristics and risk factors for septic shock in patients with pyometra: A retrospective multicenter cohort study.
83. Modified FOLFIRINOX (mFOLFIRINOX) as neoadjuvant therapy and 'salvage' in patients with high risk locally advanced rectal cancers - tolerance and early outcomes.
84. Robotic repair of moderate-sized midline ventral hernias reduced complications, readmissions, and length of hospitalization compared to open techniques.
85. Utilization of immediate extubation in a multidisciplinary pathway for pediatric liver transplantation associated with improved postoperative outcomes.
86. Abdominal abscess caused by Raoultella ornithinolytica secondary to postoperative gastric fistula: case report and review of literature.
87. Gasdermin D promotes influenza virus-induced mortality through neutrophil amplification of inflammation.
88. Computed Tomography Angiography After Transcatheter and Surgical Aortic Interventions.
89. Role of Radiology in Assessment of Postoperative Complications of Heart Transplantation.
90. The Role of Microsurgery in Coverage of Defects of the Hand.
91. Protective mucosal SARS-CoV-2 antibodies in the majority of the general population in the Netherlands.
92. Asthma loss of control after switch from anti-IL5/5R drugs to dupilumab in severe eosinophilic asthma: a case series.
93. Minimally Invasive Approaches to Mitral Valve Surgery: Where Are We Now? A Narrative Review.
94. Secondary attack rates and determinants of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) household transmission in Pakistan: A case-ascertained prospective, longitudinal study.
95. Arthrodesis of distal interphalangeal and thumb interphalangeal joint: a retrospective cohort study of 149 cases.
96. The success rates and outcomes of mandibular third molar coronectomy: 167 cases.
97. Health Disparities in Patients With Musculoskeletal Injuries: Food Insecurity Is a Common and Clinically Challenging Problem.
98. Mediastinal Nontuberculous Mycobacterial Infection in Children: A Multidisciplinary Approach.
99. Emerging Clinical Features of Acute Mastoiditis in Israel: A Registry Based Cohort.
100. Septic Shock After Endoscopic Sleeve Gastroplasty: A Post-procedural Complication?
101. Surgical outcomes of endoscopic enucleation of the prostate in community aging males with or without preoperative urinary retention.
102. Factors affecting graft healing in laryngotracheal reconstruction: a retrospective single-center experience.
103. Paraspinous Muscle Flaps in Complex Pediatric Spine Surgeries: A 12-Year Single Institution Experience.
104. Outcomes of Dermal Regeneration Templates in Irradiated and Nonirradiated Scalp Defects.
105. [Clinical, therapeutic and pathophysiological aspects of Darier's disease].
106. Early and late outcomes of congenital biliary dilatation in pediatric patients.
107. UK national survey on surgical gowning for tonsillectomy.
108. Bacterial contamination of surgical gloves during clean orthopedic surgery.
109. Clinical presentation and treatment of 26 spinal epidural arteriovenous fistulas: a single-center experience.
110. Early Outcomes From a Multicenter Transcatheter Self-Expanding Pulmonary Valve Replacement Registry.
111. Surgeon Preference Regarding Wound Dressing Management in Lumbar Fusion Surgery: An AO Spine Global Cross-Sectional Study.
112. Incidence and Risk Factors for Acid-fast Bacillus/Fungal Culture Positivity in Primary, Conversion, and Revision Hip and Knee Arthroplasty.
113. Clinical and ultrasound features of 46 children with suppurative osteoarthritis: experience from two centers.
114. Next-generation microbiological testing in intraabdominal infections with PCR technology.
115. Poor association between 13-valent pneumococcal conjugate vaccine-induced serum and mucosal antibody responses with experimental Streptococcus pneumoniae serotype 6B colonisation.
116. Robot-assisted versus laparoscopic pancreatoduodenectomy: a pan-European multicenter propensity-matched study.
117. Two-phase mechanism in the treatment of corneal stromal fibrosis with topical losartan.
118. Surgical site infection following isolated lumbar discectomy increases odds of revision lumbar surgery within first 6 months, but not beyond.
119. Early outcomes and complications of surgically treated diabetic hallucal infection.
120. Association Between Body Mass Index, Obesity, and Clinical Outcomes Following Coronary Artery Bypass Grafting in Brazil: An Analysis of One Year of Follow-up of BYPASS Registry Patients.
121. Maternal outcomes of planned mode of delivery for term breech in nulliparous women.
122. Peritoneal flap technique for abdominal wall expansion in the management of complex ventral hernias: a multicentre study from India.
123. Chapare virus infection and current perspectives on dentistry.
124. Incidence and associated factors of surgical site infection in patients undergoing foot and ankle surgery: a 7-year cohort study.
125. Retrospective study on unilateral polyotia combined with microtia utilizing the technique of preserving residual ear tissue.
126. Impact of Whole Genome Sequencing to investigate transmission of Serratia marcescens in Neonatal Intensive Care Unit.
127. Acute invasive fungal sinusitis with orbital tip syndrome in patients on long-term use of ruxolitinib: a case report.
128. Formulation of Metoclopramide Hydrochloride-Loaded Lipid Carriers by QbD Approach for Combating Nausea: Safety and Bioavailability Evaluation in New Zealand Rabbit.
129. Transmucosal Delivery of Peptides and Proteins Through Nanofibers: Current Status and Emerging Developments.
130. Rotavirus vaccine dose-two dropout and its associated factors among children who received rotavirus vaccine dose-one in Sub-Saharan African countries: A multilevel analysis of the recent demographic and health survey.
131. A Systematic Review and Meta-analysis of the Impact of Local Therapies on Local Event Suppression in Metastatic Hormone-sensitive Prostate Cancer.
132. Probiotics-A Promising Novel Therapeutic Approach in the Management of Chronic Liver Diseases.
133. Comparison of COVID-19 Symptoms in Correctional Health Care Workers During the Initial and Omicron Surges.
134. Respiratory syncytial virus vs. Influenza virus infection: mortality and morbidity comparison over 7 epidemic seasons in an elderly population.
135. Vitamin D Deficiency Leads to Poorer Health Outcomes and Greater Length of Stay After Total Knee Arthroplasty and Supplementation Improves Outcomes: A Systematic Review and Meta-Analysis.
136. Radical sternectomy for osteomyelitis without reconstruction post-coronary artery bypass graft: 10 years on.
137. Development of postoperative bronchopleural fistula after neoadjuvant immunochemotherapy in non-small cell lung cancer: case reports and review of the literature.
138. The role of vasculature and angiogenesis in respiratory diseases.
139. CNS Viral Infections-What to Consider for Improving Drug Treatment: A Plea for Using Mathematical Modeling Approaches.
140. Consensus of the Brazilian association of hematology, hemotherapy and cellular therapy on patient blood management: Assessment and management of postoperative anemia.
141. Hepatopancreaticobiliary Resection Arginine Immunomodulation (PRIMe) trial: protocol for a randomised phase II trial of the impact of perioperative immunomodulation on immune function following resection for hepatopancreaticobiliary malignancy.
142. Curcumin-loaded mesoporous polydopamine nanoparticles modified by quaternized chitosan against bacterial infection through synergistic effect.
143. Immunoglobulin G4-related disease and B-cell malignancy due to an IKZF1 gain-of-function variant.
144. Commentary on ''A Risk Score for Predicting the Necessity of Surgical Necrosectomy in the Treatment of Infected Necrotizing Pancreatitis''.
145. A nursing report on a corneal contact lens wearer receiving keratoplasty due to corneal ulcer and perforation caused by Pythium insidiosum infection: A case report.
146. Microwave ablation for diffuse adenomyosis leading to multiple complications after hysterectomy: A case report and literature review.
147. Chlamydia trachomatis and Neisseria gonorrhoeae rectal infections: Interplay between rectal microbiome, HPV infection and Torquetenovirus.
148. New surgery and hospital-diagnosed infections in elderly patients with inflammatory bowel disease undergoing surgery - a nationwide cohort study.
149. Risk of complications and implant survival of surgical treatment of proximal femoral metastasis: a meta-analysis.
150. Ultrasonographic findings of fluid accumulation and hyperechogenic spots suggestive of surgical site infection following laparotomy for colic in horses.
151. All-inside endoscopic semiautomatic running locked stitch technique shows favourable outcomes for acute Achilles tendon ruptures.
152. Efficacy analysis of clinical serological indicators in the diagnosis of postoperative periprosthetic joint infection in patients with rheumatoid arthritis or osteoarthritis.
153. Intranasal Delivery of Carvedilol- and Quercetin-Encapsulated Cationic Nanoliposomes for Cardiovascular Targeting: Formulation and In Vitro and Ex Vivo Studies.
154. Invited commentary: Ileosigmoid knotting-bowel obstruction with confusing clinical picture.
155. Prescription opioid use increases resource utilization following ventral hernia repair.
156. Surgical excision of acquired urethral diverticulum and single-stage urethroplasty for a 32-year-old male. Case report and literature review.
157. Acute gastric dilatation with segmented abdominal paresis as a rare manifestation of herpes zoster: a case report and review of the literature.
158. Giardia telomeres and telomerase.
159. Chronic stridor in a toddler after ingestion of a discharged button battery: a case report.
160. Surgical management of multiple coronary artery to coronary sinus fistulas with giant left circumflex artery and multivalvular infective endocarditis.
161. Radiological follow-up of cemento-osseous dysplasia on cone-beam computed tomography.
162. Lower Insertional Torque of Fixation Screws for Mandibular Angle Fractures Is Associated With Complications.
163. In reply to the Letter to the Editor regarding "Clinical efficacy of cefiderocol-based regimens in patients with carbapenem-resistant Acinetobacter baumannii infections: A systematic review with meta-analysis".
164. The use of uncemented stems in femoral neck fractures in elderly patients: A comparative study of 671 cases.
165. Factors Associated with Urgent Amputation Status and Its Impact on Mortality.
166. Long-term Tunneled Hemodialysis Catheters: Achieving Efficiency through Tip Position Optimization.
167. Association of empiric antibiotic selection and clinical outcomes in hospitalised children with severe orbital infections: a retrospective cohort study.
168. Pulmonary mucormycosis diagnosed by ultrasound guided percutaneous biopsy: A case series.
169. The Management of Aneurysmal Degeneration of Lower Extremity Cryopreserved Saphenous Vein Bypass Grafts.
170. The use of positive deviance approach to improve health service delivery and quality of care: a scoping review.
171. The efficacy and safety of different does of intravenous tranexamic acid on blood loss in fresh foot and ankle fractures: a prospective, randomized controlled study.
172. Clinical outcomes of liver transplantation in human immunodeficiency virus/hepatitis B virus coinfected patients in China.
173. Incipient tuberculosis: a comprehensive overview.
174. Large-scale phenotyping of patients with long COVID post-hospitalization reveals mechanistic subtypes of disease.
175. Closed incision negative pressure therapy use as a strategy to reduce sternal wound infection in identified high-risk patients: A multicentre propensity-matched study.
176. Surgical Antimicrobial Prophylaxis Compliance in Turkey: Data from the Prospective, Observational, Multicenter Survey Including 7,978 Surgical Patients.
177. Real-World Evidence of the Impact of a Novel Surgical Irrigant on Surgical Site Infections in Primary Total Knee Arthroplasty Performed at an Ambulatory Surgery Center.
178. Preoperative nutrition therapy in people undergoing gastrointestinal surgery.
179. Comparison of outcomes in patients with and without neurologic diseases undergoing holmium laser enucleation of the prostate.
180. Innovative Percutaneous 3 Stitch Suture Technique for Site Closure in Venoarterial Extracorporeal Membrane Oxygenation Decannulation Without Direct Artery Repair: A Case Series.
181. Surgical Procedures of the Correction of Severe Static Glabellar Lines by Utilizing Resection with Free Dermal Fat Grafting (FDFG).
182. Nafamostat mesylate decreases skin flap necrosis in a mouse model of type 2 diabetes by protecting the endothelial glycocalyx.
183. Association of preoperative coronavirus disease 2019 with mortality, respiratory morbidity and extrapulmonary complications after elective, noncardiac surgery: An observational cohort study.
184. Decoding spatiotemporal transcriptional dynamics and epithelial fibroblast crosstalk during gastroesophageal junction development through single cell analysis.
185. Bartonella henselae Infection May Occasionally Distract Immune Control of Latent Human Herpesviruses.
186. Assessing the utility of natural language processing for detecting postoperative complications from free medical text.
187. Clinical Outcomes of Maxillary Sinus Floor Perforation by Dental Implants and Sinus Membrane Perforation during Sinus Augmentation: A Systematic Review and Meta-Analysis.
188. Pros and Cons of Minimally Invasive Spine Surgery.
189. Integra(®) Dermal Regeneration Template in Complex Scalp Reconstruction.
190. A systematic review and meta-analysis of short-term outcomes comparing the efficacy of robotic versus laparoscopic colorectal surgery in obese patients.
191. Orchestrating Resilience: How Neuropilin-2 and Macrophages Contribute to Cardiothoracic Disease.
192. Mesh Rectopexy or Resection Rectopexy for Rectal Prolapse; Is There a Gold Standard Method: A Systematic Review, Meta-Analysis and Trial Sequential Analysis.
193. A Prospective Study on the Progression, Recurrence, and Regression of Cervical Lesions: Assessing Various Screening Approaches.
194. Treatment of Schatzker Type VI Tibia Fractures Using Circular External Fixation: State of the Art, Surgical Technique and Results.
195. Home nursing and self-administered outpatient parenteral antimicrobial treatment: a comparison of demographics and outcomes from a large regional hospital in Queensland, Australia.
196. Recent Insights Into Native Valve Infective Endocarditis: JACC Focus Seminar 4/4.
197. The Clinical Challenge of Prosthetic Valve Endocarditis: JACC Focus Seminar 3/4.
198. Intrawound Vancomycin Powder in Primary Total Hip Arthroplasty: A Prospective Quality Control Study.
199. Prophylactic Transversely Hemisected Sartorius (THT) flap for high-risk groin dissections in vascular surgery - a case series.
200. Cutdown is Associated with Higher 30-day Unplanned Readmissions and Wound Complications Than Percutaneous Access for EVAR.
201. TREATMENT OF AORTO-ILIAC AND INFRA-INGUINAL VASCULAR INFECTIONS WITH A PREFABRICATED BOVINE PERICARDIAL GRAFT.
202. Outcomes Following Revision Reverse Shoulder Arthroplasty for Infection.
203. Interpenetrating nanofibrillar membrane of self-assembled collagen and antimicrobial peptides for enhanced bone regeneration.
204. 50 years of inflatable penile implants : Where do we stand in France?
205. CT-derived vertebral bone mineral density is a useful biomarker to predict COVID-19 outcome.
206. Tracking the fate of bacteria-derived site-specific immunomodulators by positron emission tomography.
207. Electrocochleographic frequency-following responses as a potential marker of age-related cochlear neural degeneration.
208. A pedicled buccal periosteal flap for the closure of oro-antral fistula.
209. Application of double plate fixation combined with Masquelet technique for large segmental bone defects of distal tibia: a retrospective study and literature review.
210. Where do the pathogens that cause surgical site infections come from?
211. Contribution of the patient microbiome to surgical site infection and antibiotic prophylaxis failure in spine surgery.
212. Radiographic Thigh Muscle Measurements Are a Reliable Predictor of Psoas Area and Sarcopenia.
213. Comparison of two approaches to measuring clean faces as part of the facial cleanliness component of the SAFE trachoma elimination strategy.
214. Fungal microbiota in newborn infants with and without respiratory distress syndrome.
215. International Nosocomial Infection Control Consortium (INICC) report of healthcare-associated infections, data summary of 25 countries for 2014-2023, Surgical Site Infections Module.
216. Perioperative Intravenous Dexamethasone Use Is Not Associated with Periprosthetic Joint Infection or Wound Healing Complications Following Shoulder Arthroplasty.
217. 2023 Neer Award for Basic Science: Genetics of Cutibacterium acnes in Revision Shoulder Arthroplasty: A Large-Scale Bacterial Whole-Genome Sequencing Study.
218. Comparison of Delphi Consensus Criteria and Musculoskeletal Infection Society Outcome Reporting Tool (MSIS-ORT) Definitions of Successful Surgical Treatment of Periprosthetic Knee Infection.
219. Discharge to a Skilled Nursing Facility After Hip Fracture Results in Higher Rates of Periprosthetic Joint Infection.
220. Utility of intracranial pressure monitoring as a diagnostic tool in pediatric ventriculomegaly.
221. Postoperative complications in cochlear implant surgery and their possible risk factors.
222. Differential diagnosis of cemento-osseous dysplasia and periapical cyst using texture analysis of CBCT.
223. Lumbopelvic fixation in the treatment of spinopelvic dissociation: union, complications, and neurologic outcomes of a multicenter case series.
224. Impact of Intraoperative Allogeneic Platelet Transfusion on Healthcare-Associated Infections in Cardiac Surgery: Insights From a Large Single-Center Cohort Study.
225. Definitive internal fracture fixation followed by staged free flap coverage ("fix followed by flap" protocol) for open Gustilo type IIIB fractures.
226. Should a Refluxing Internal Diversion Be Considered a Temporizing Procedure? Extended Follow-Up and Outcomes After Side-to-side Ureterovesicostomy for Primary Obstructive Megaureter in Young Children.
227. Establishment of an intragastric surgical model using C57BL/6 mice to study the vaccine efficacy of OMV-based immunogens against Helicobacter pylori.
228. In-vitro external fixation pin-site model proof of concept: A novel approach to studying wound healing in transcutaneous implants.
229. Predictors of postoperative storage symptoms in male patients with lower urinary tract symptoms: A retrospective analysis of prostate surgery for benign prostatic enlargement.
230. Case report: A rare case of skin abscess caused by coinfection of Actinobaculum schaalii and Actinomyces turicensis.
231. Hospital-acquired pneumonia due to Burkholderia cepacia in a thalassemia pregnancy with postoperative eclampsia: A case report.
232. Empyema Necessitans: A Case Report.
233. Finger Necrotizing Fasciitis and Septicemia Caused by Vibrio vulnificus.
234. Hybrid Bioactive Hydrogel Promotes Liver Regeneration Through the Activation of Kupffer Cells and ECM Remodeling After Partial Hepatectomy.
235. Pressure injury risk factors in patients undergoing general anesthesia surgeries.
236. Bi-cruciate retaining total knee arthroplasty is here to stay: A consecutive series transitioning from manual instrumentation to enabling technologies.
237. Current Understanding of Marginal Grafts in Liver Transplantation.
238. Parastomal hernia repair according to Modified Stapled Mesh Stoma Reinforcement Technique (mSMART): which are the results ?
239. A case of multidrug-resistant intractable pylephlebitis and intra-abdominal abscess due to perforated appendicitis successfully treated with open abdominal management.
240. The emerging role of liquid biopsy in oral squamous cell carcinoma detection: advantages and challenges.
241. Managing incisional wounds with Prevena VAC therapy in lower-extremity vascular surgery: A comparative study.
242. Enrichment, Characterization, and Proteomic Profiling of Small Extracellular Vesicles Derived from Human Limbal Mesenchymal Stromal Cells and Melanocytes.
243. Intraventricular haemorrhage treated by extra ventricular drainage with catheter mistakenly penetrating the cisterna ambiens: A case report.
244. Genomic characterization of extended-spectrum β-lactamase-producing Enterobacterales isolated from abdominal surgical patients.
245. Heart failure and respiratory tract infection: Cause and consequence of acute decompensation?
246. Cannabis use disorder and perioperative outcomes following complex cancer surgery.
247. Reconstruction Strategy for Upper Extremity Defects After Bone Tumor Resection Based on 3D Customized Bone Cement Mold.
248. Johanson-Blizzard Syndrome: A Case Report From Bahrain With a Literature Review.
249. Limb Salvage and Pelvic Reconstruction With Endoprosthesis After Pelvic Tumor Resection: A Narrative Review.
250. Life threatening, subclavian artery mycotic aneurysm rupture into a gigantic supraclavicular abscess in an intravenous drug user.
251. Relocation of polyotia tissue to reconstruct the tragus and fill the preauricular depression.
252. Fungal Prosthetic Joint Infection: A Case Series and Review of the Literature.
253. Percutaneous intramedullary screw or rush pin fixation of unstable ankle fractures in patients with fragile soft tissue - retrospective study of 80 cases.
254. Analysis of the associated factors in postoperative wound infection following open reduction and internal fixation for elbow fracture.
255. Virus-Induced Epilepsy vs. Epilepsy Patients Acquiring Viral Infection: Unravelling the Complex Relationship for Precision Treatment.
256. An Update on Myocarditis in Forensic Pathology.
257. Modulation of sHLA-G, PD-1, and PD-L1 Expression in Cervical Lesions Following Imiquimod Treatment and Its Association with Treatment Success.
258. The Effect of Preoperative Administration of Glucocorticoids on the Postoperative Complication Rate in Liver Surgery: A Systematic Review and Meta-Analysis of Randomized Controlled Trials.
259. External Scaffold for Venous Graft to Treat Chronic Limb-Threatening Ischemia: Results of the FRAME Vascular Support.
260. The Safety and Effectiveness of Single-Stage, Vessel-Preserving, Laparoscopic Orchiopexy for Intra-Abdominal Testes in Pediatric Patients: A 10-Year Single-Center Experience.
261. Augmentation Rhinoplasty and Centrofacial Lipofilling: Our Experience (ARCL).
262. Reconstruction of Orbital Wall Fractures with a Combination of Resorbable Plates and Antibiotic-Impregnated Collagen Sheets.
263. Knee Arthrodesis for Periprosthetic Knee Infection: Fusion Rate, Complications, and Limb Salvage-A Systematic Review.
264. Augmented Articulating Spacers in Infected Total Knee Arthroplasty: Surgical Technique.
265. Treatment of tibial bone defects caused by infection: a retrospective comparative study of bone transport using a combined technique of unilateral external fixation over an intramedullary nail versus circular external fixation over an intramedullary nail.
266. Survivorship of the fixed-bearing medial unicompartmental knee arthroplasty: mean 14-year follow-up in a single medical center.
267. Characterization of Genomic, Physiological, and Probiotic Features of Lactiplantibacillus plantarum JS21 Strain Isolated from Traditional Fermented Jiangshui.
268. RNAIII is linked with the pentose phosphate pathway through the activation of RpiRc in Staphylococcus aureus.
269. Gut-Lung Microbiota Characterization in Patients with Non-Small Cell Lung Carcinoma and COVID-19 Coinfection.
270. A Sodium Oxychlorosene-Based Infection Prevention Protocol Safely Decreases Postoperative Wound Infections in Adult Spinal Deformity Surgery.
271. Evaluation of Mangifera indica, Anacardium occidentale leaf extracts and 0.2% Chlorhexidine gluconate on disinfection of maxillofacial silicone material surface contaminated with microorganisms - An invitro study.
272. Antimicrobial resistance in bacterial wound, skin, soft tissue and surgical site infections in Central, Eastern, Southern and Western Africa: A systematic review and meta-analysis.
273. Methicillin-Resistant Staphylococcus aureus Carriage among Neonate Mothers, Healthcare Workers, and Environmental Samples in Neonatal Intensive Care Units: A Systematic Review.
274. Biofilm Inhibition on Medical Devices and Implants Using Carbon Dots: An Updated Review.
275. Proliferation of psychrotrophic bacteria in cold-stored platelet concentrates.
276. Lipase and Protease Production Ability of Multi-drug Resistant Bacteria Worsens the Outcomes of Wound Infections.
277. Antibiotic resistance before, during, and after the COVID-19 pandemic: a retrospective study.
278. Severe cellulitis from methicillin-resistant Staphylococcus aureus (MRSA) in a couple of preterm twins: a case report.
279. pH-Responsive antibacterial metal-phenolic network coating on hernia meshes.
280. Genomic characterization and outbreak investigations of methicillin-resistant Staphylococcus aureus in a county-level hospital in China.
281. Utility of paired plasma and drainage fluid mNGS in diagnosing acute intra-abdominal infections with sepsis.
282. Evaluating the impact of genomic epidemiology of methicillin-resistant Staphylococcus aureus (MRSA) on hospital infection prevention and control decisions.
283. Understanding limb necrotizing infections: a comprehensive approach.
284. Healthcare-associated infections in postoperative patients with intracranial aneurysm in Ukraine.
285. Modulation of the skin microbiome in cutaneous T-cell lymphoma delays tumour growth and increases survival in the murine EL4 model.
286. Antimicrobial and Cytotoxic Effect of Positively Charged Nanosilver-Coated Silk Sutures.
287. Preoperative MRSA screening using a simple questionnaire prior elective total joint replacement.
288. Enhancing antibacterial properties of titanium implants through a novel Ag-TiO(2)-OTS nanocomposite coating: a comprehensive study on resist-killing-disintegrate approach.
289. Escalating Surgical Treatment for Left Ventricular Assist Device Infection and Expected Mortality: Clinical Risk Prediction Score.
290. Ersin Arslan City Hospital, Department of Neurosurgery, Gaziantep, Türkiye.
291. Unveilling genetic profiles and correlations of biofilm-associated genes, quorum sensing, and antibiotic resistance in Staphylococcus aureus isolated from a Malaysian Teaching Hospital.
292. Benefit of intrapleural fibrinolytic therapy in the treatment of complicated parapneumonic effusion and empyema.

Guidelines / Prevention Practice

1. Cefazolin as the Mainstay for Antibiotic Prophylaxis in Penicillin Allergic Patients in Obstetrics and Gynecology.
2. Timing of Decompressive Surgery in Patients With Acute Spinal Cord Injury: Systematic Review Update.
3. Scabies Infection While Expressing Human Milk for Critically Ill Infants: Is It Safe?
4. Pulmonary Involvement in Recurrent Respiratory Papillomatosis: A Systematic Review.
5. The potential of sheep in preclinical models for bone infection research - A systematic review.
6. Effect of Aggressive Warming versus Routine Thermal Management on the Incidence of Perioperative Hypothermia in Patients Undergoing Thyroid Surgery: A Prospective, Randomized, Double-Blind Controlled Trial.
7. Perioperative and long-term results of ultrasonography-guided single- and multiple-tract percutaneous nephrolithotomy for staghorn calculi.
8. Adherence to doxycycline for uncomplicated genitourinary chlamydia: A prospective observational study.
9. A Rare Case of Fungal Osteomyelitis of the Distal Tibia in a Pediatric Patient.
10. The efficacy of nursing interventions in preventing surgical site infections in patients undergoing surgery for congenital heart disease.
11. Corrigendum to "ESPEN micronutrient guideline" [Clin Nutr 41 (2022) 1357-1424/YCLNU5151].
12. External anatomical landmarks for urethral catheter positioning in male newborns: A prospective observational study.
13. Tuberculosis in United States-Bound Follow-to-Join Asylees, 2014-2019.
14. Thorax support vest to prevent sternal wound infections in cardiac surgery patients-a systematic review and meta-analysis.
15. A Longitudinal Evaluation of Coronavirus Disease 2019 and Its Effects on Spinal Decompressions With or Without Fusion.
16. Standardized order set for the management of infective endocarditis.
17. Therapeutic drug monitoring of vancomycin in surgical patients through a validated HPLC method.
18. Staphylococcus aureus bacteraemia, cardiac implantable electronic device, extraction, and the risk of recurrent infection; a retrospective population-based cohort study.
19. Clinical and radiological outcomes and analysis of failures of modular revisions stems at long-term follow-up: a systematic review and meta-analysis.
20. Postoperative infection and bone sarcoma survival: systematic review of the role of infection in bone sarcoma prognosis.
21. Long-Term Outcomes of Birmingham Hip Resurfacing Arthroplasty: A Systematic Review of Independent Series with At Least 10 Years of Follow-up.
22. Clinical guideline highlights for the hospitalist: Diagnosis and treatment of diabetes-related foot infections.
23. [Dealing with early complications in unicondylar knee arthroplasty-what works, what does not?].
24. Antimicrobial activity of essential oils against biofilms formed in dental acrylic resin: a systematic review of in vitro studies.
25. Prevalence of antimicrobial use and healthcare-associated infections in the UAE: Results from the first nationwide point-prevalence survey.
26. Quality and sustainability of Ethiopia's national surgical indicators.
27. CDC's Hospital-Onset Clostridioides difficile Prevention Framework in a Regional Hospital Network.
28. A Web-Based Dynamic Nomogram to Predict the Risk of Methicillin-Resistant Staphylococcal Infection in Patients with Pneumonia.
29. The Microbiological Profile and Antibiotic Susceptibility of Fracture Related Infections in a Low Resource Setting Differ from High Resource Settings: A Cohort Study from Cameroon.
30. Antimicrobial Resistance and Sports: The Scope of the Problem, Implications for Athletes' Health and Avenues for Collaborative Public Health Action.
31. One-Step Detection of Vancomycin in Whole Blood Using the Lateral Flow Immunoassay.
32. Short-term healthcare resource utilization associated with receipt of CDC-informed opioid thresholds among commercially insured new chronic opioid users.
33. The primary prevention of pancreatic fistula using a vascularised rectus abdominis muscle flap - A porcine model.
34. An integrative review of home care recommendations for women after caesarean section.
35. Diagnostic imaging of the diabetic foot: an EANM evidence-based guidance.
36. Clinical and treatment characteristics of infants and toddlers less than two years of age with hemophilia.
37. Interim Effectiveness of Updated 2023-2024 (Monovalent XBB.1.5) COVID-19 Vaccines Against COVID-19-Associated Hospitalization Among Adults Aged ≥18 Years with Immunocompromising Conditions - VISION Network, September 2023-February 2024.
38. [Congenital pulmonary malformations : Diagnosis and treatment].
39. Perioperative oxygenation-what's the stress?
40. The potential epidemiologic, clinical, and economic value of a universal coronavirus vaccine: a modelling study.
41. Clinical Profile and Prognosis of Patients with Left-Sided Infective Endocarditis with Surgical Indication Who Are Not Operated.
42. Prophylactic Antibiotics before Gynecologic Surgery: A Comprehensive Review of Guidelines.
43. A New Cloud-Native Tool for Pharmacogenetic Analysis.
44. Evaluation of the Cost-Effectiveness of Evidence-Based Interventions to Increase Female Breast and Cervical Cancer Screens: A Systematic Review.
45. Prevention of postoperative nausea and vomiting after orthognathic surgery: a scoping review.
46. Enhanced antibacterial properties of polyvinyl alcohol/starch/chitosan films with NiO-CuO nanoparticles for food packaging.
47. Frequency of drug-resistant bacterial isolates among pregnant women with UTI in maternity and children's hospital, Bisha, Saudi Arabia.
48. Safety and efficacy of a reduced frequency viral monitoring strategy for Epstein-Barr virus, cytomegalovirus, and BK polyomavirus post-kidney transplant: A quality assurance initiative.
49. Cardiac allograft vasculopathy in heart transplant recipients from hepatitis C viremic donors.
50. Deep Learning-Based Multi-Class Segmentation of the Paranasal Sinuses of Sinusitis Patients Based on Computed Tomographic Images.
51. Pap Smear Cancer Coverage in Brazilian Capitals including the Pandemic Period Caused by the SARS-CoV-2 Virus: Ecological Study.
52. Effects of the COVID-19 Pandemic on Everyday Neurosurgical Practice in Alsace, France: Lessons Learned, Current Perspectives, and Future Challenges-Preliminary Results of a Longitudinal Multicentric Study Registry.
53. ProjectDRIVE: study protocol for a randomized controlled trial to improve driving practices of high-risk teen drivers with a traffic violation.
54. Long-Acting Reversible Contraception Use and Unmet Desire among Patients After the Zika Contraception Access Network Program in Puerto Rico.
55. The devastating impact of unresectable infectious undifferentiated pleomorphic sarcoma in the gluteal region: A case report.
56. Group Health & Wellness Coaching: development and validation of the required competencies.
57. Designing next-generation subscalp devices for seizure monitoring: A systematic review and meta-analysis of established extracranial hardware.
58. Micro- and nanoplastics concepts for particle and fibre toxicologists.
59. Infection may play an important role in the pathogenesis of alveolar osteonecrosis following facial herpes zoster: a case report and literature review.
60. Association between the COVID-19 pandemic and mental health in very old people in Sweden.
61. Multivitamin Use Among Hispanic Women of Reproductive Age in the United States, 2013-2022.
62. Association Between High-Sensitivity C-Reactive Protein and Metabolic Syndrome Among Hispanic/Latino Participants of the Hispanic Community Health Study/Study of Latinos.
63. Risks and Complications Rate in Liposuction: A Systematic Review and Meta-Analysis.
64. [Efficacy analysis of 23 cases of parapharyngeal space tumors removed by oral approach assisted by plasma and high-definition endoscopic system].
65. Effect of Fascia Closure with Triclosan-Coated Polydioxanone Suture on Surgical Site Infection in Open Appendectomy Wounds: A Comparative Study.
66. Role of bariatric surgery in reducing periprosthetic joint infections in total knee arthroplasty. A systematic review and meta-analysis.
67. Medical Costs of RSV-associated Hospitalizations and Emergency Department Visits in Children Aged <5 years: Observational Findings from the New Vaccine Surveillance Network (NVSN), 2016-2019.
68. Rhino-Orbital Cerebral Mucormycosis in a Healthy Female Child: Case Report.
69. Tau and delirium superimposed on dementia: A case report.
70. Early Initiation of Ceftaroline-Based Combination Therapy for Methicillin-resistant Staphylococcus aureus Bacteremia.
71. Fourteen-Year Experience in Burn Eyelid Reconstruction and Complications Recurrence: A Retrospective Cohort Study.
72. Can concentrated growth factor prevent postoperative complications of impacted third molar surgery? A split-mouth randomized double-blind trial.
73. Topical Nanoemulsion Hydrogel Formulated from Supercritical Fluid Extracted Palm-Pressed Fiber Oil and Virgin Coconut Oil with Antioxidant and Antibacterial Effects.
74. The impact of armed conflict on the development and global spread of antibiotic resistance: a systematic review.
75. Insertion Sites of Latissimus Dorsi Tendon Transfer Performed During Reverse Shoulder Arthroplasty: A Systematic Review and Meta-Analysis.
76. Increasing uptake through collaboration in the development of core outcome sets: Lessons learned at OMERACT 2023.
77. Efficacy and Safety of Dapagliflozin in Patients With Acute Heart Failure.
78. Existing Challenges and Opportunities for Advancing Drought and Health Research.
79. Evidence for cemented TKA and THA based on a comparison of international register data.
80. Skull Base Osteomyelitis- Marauders of the Skull.
81. HPV DNA Testing and Mobile Colposcopy for Cervical Precancer Screening in HIV Positive Women: A Comparison Between Two Settings in Ghana and Recommendation for Screening.
82. Understanding three approaches to reporting sudden unexpected infant death in the USA.
83. Evidence-based Cesarean Delivery: Preoperative Management (Part 7).
84. Ipsilateral and contralateral coadministration of influenza and COVID-19 vaccines produce similar antibody responses.
85. Reconstruction of medial meniscus posterior portion deficiency in pigs with an autologous patellar tendon graft: an experimental study.
86. Assessment of bacterial profile, antimicrobial susceptibility status, and associated factors of isolates among hospitalized patients at Dessie Comprehensive Specialized Hospital, Northeast Ethiopia.
87. Impact of body image and perceived stigmatization on the psychological wellbeing of obese women in Kumasi metropolis, Ghana.
88. Use of platelet- and leukocyte-rich fibrin (L-PRF) as a healing agent in the postoperative period of third molar removal surgeries: a systematic review.
89. Unexpected positive culture (UPC) in adults revision spine surgery: a systematic review and meta-analysis of incidence, risk factors, and management.
90. Does exposure to polymethyl methacrylate bone cement increase the risk of surgical glove failure?
91. Clostridioides difficile infection: a changing treatment paradigm.
92. Clinical Experience of Using a Combination of Dexamethasone and Levofloxacin After Cataract Surgery.
93. Cost-effectiveness of an in-development adult-formulated 21-valent pneumococcal conjugate vaccine in US adults aged 50 years or older.
94. Incomplete sensorimotor paresis after upper abdominal surgery with TEA and spinal epidural lipomatosis: a case report.
95. Management of Humeral Shaft Fracture: A Network Metanalysis of Individual Treatment Modalities.
96. Minimally invasive pancreatoduodenectomy by junior surgeon: Initial experience of the next generation.
97. COVID-19 Vaccination in Patients with Inborn Errors of Immunity Reduces Hospitalization and Critical Care Needs Related to COVID-19: a USIDNET Report.
98. Microbiological quality of gluten-free meals, naturally gluten free foods, and gluten free-labelled products.
99. A Case of Infective Endocarditis Caused by Citrobacter koseri: Unraveling a Rare Pathogen and Dire Outcome.
100. High prevalence of ceftriaxone-resistant and XDR Neisseria gonorrhoeae in several cities of Cambodia, 2022-23: WHO Enhanced Gonococcal Antimicrobial Surveillance Programme (EGASP).
101. Effects of breastfeeding in postoperative complication in pediatric population: a systematic review.
102. Primary Pulmonary Echinococcosis in the United States: A Case Report and Review of the Literature.
103. Low-risk Staphylococcus aureus bacteremia patients do not require routine diagnostic imaging: A multicenter retrospective cohort study.
104. Antibiotic Prophylaxis and Infective Endocarditis Incidence Following Invasive Dental Procedures: A Systematic Review and Meta-Analysis.
105. Tri-State Evaluation of the Effects of the COVID-19 Pandemic on Routine Vaccine Uptake in Iowa, Minnesota, and North Dakota, 2017-2021.
106. Evaluating the effectiveness of echocardiographic guidance in diminishing postoperative wound complications for left atrial appendage closure: A clinical retrospective study.
107. The Effect of the COVID-19 Pandemic on Pituitary Surgeries.
108. Feasibility, safety, and impact of the RTS,S/AS01(E) malaria vaccine when implemented through national immunisation programmes: evaluation of cluster-randomised introduction of the vaccine in Ghana, Kenya, and Malawi.
109. Bilateral thoracotomy for horseshoe lung complicated with severe aspergilloma: a case report.
110. Comparative Study on the Immunogenicity and Efficacy of Different Post-exposure Intramuscular Rabies Vaccination Regimens in China.
111. Efficacy and safety of artemether-lumefantrine for the treatment of uncomplicated falciparum malaria in mainland Tanzania, 2018.
112. The butterfly effect in oral and maxillofacial surgery: Understanding and applying chaos theory and complex systems principles.
113. Single-stage revision for total shoulder arthroplasty infection. Results at a minimum 2 years follow-up.
114. An evaluation of the utility of computed tomography in high-risk endometrial cancer surveillance.
115. COVID-19 vaccination induces distinct T-cell responses in pediatric solid organ transplant recipients and immunocompetent children.
116. Diabetic Osteomyelitis: Oral vs Intravenous Antibiotics at a Single Level 1 Academic Medical Trauma Center.
117. Devastating fungal endocarditis involving ascending aorta in a patient with a history of aortic valve replacement: a case report.
118. Systematic Review of Heel Puncture-Related Osteomyelitis of the Calcaneus in Newborn Infants.
119. Plasmodium falciparum pfhrp2 and pfhrp3 gene deletions among patients enrolled at 100 health facilities throughout Tanzania: February to July 2021.
120. Understanding the diagnosis and management of multisystem inflammatory syndrome in adults (MIS-A) in the UK: results of a national Delphi process.
121. Neurocysticercosis of the third ventricle: illustrative case.
122. How Would You Manage HIV Pre-exposure Prophylaxis in This Patient With Medical Comorbidities? : Grand Rounds Discussion From Beth Israel Deaconess Medical Center.
123. Behavioral and social drivers of COVID-19 vaccination initiation in the US: a longitudinal study March─ October 2021.
124. Characterization of the oral microbiota and the relationship of the oral microbiota with the dental and periodontal status in children and adolescents with nonsyndromic cleft lip and palate. Systematic literature review and meta-analysis.
125. Antibiotic prophylaxis in invasive urodynamics, a Delphi consensus of the Italian Society of Urodynamics (SIUD).
126. Post-operative site infections among surgical patients at Southern Ethiopia: A prospective cohort study.
127. Broad immunogenicity to prior SARS-CoV-2 strains and JN.1 variant elicited by XBB.1.5 vaccination in nursing home residents.
128. Laminectomy for acute transverse sacral fractures with compression of the cauda equina: A neurosurgical perspective.
129. Perspectives on technology - prostate cancer: is local anaesthetic transperineal prostate biopsy really better than transrectal biopsy?
130. Defining Mild Traumatic Brain Injury: From Research Definition to Clinical Practice.
131. Efficacy and safety of artemether-lumefantrine for the treatment of uncomplicated falciparum malaria in mainland Tanzania, 2019.
132. [Emmert's plastic surgery].
133. Endometritis after hysteroscopic procedures in Ukraine: results a multicenter study.
134. Severity of Complications after Locking Plate Osteosynthesis in Distal Femur Fractures.
135. Post-Discectomy Infection: A Critical Review and Suggestion of a Management Algorithm.
136. Long-Term Outcomes Following Single-Stage Reamed Intramedullary Exchange Nailing in Apparently Aseptic Femoral Shaft Nonunion with Unsuspected Proof of Bacteria.
137. Adherence to Advisory Committee on Immunization Practices in diabetes mellitus patients in Saudi Arabia: A multicenter retrospective study.
138. Consensus recommendation for prenatal, neonatal and postnatal management of congenital cytomegalovirus infection from the European congenital infection initiative (ECCI).
139. [Tomography guided biopsy for the diagnosis of pediatric pulmonary Cryptococcosis].
140. Perceptions of dengue risk and acceptability of a dengue vaccine in residents of Puerto Rico.
141. Metronidazole and cefazolin versus cefazolin alone for surgical site infection prophylaxis in gynecologic surgery at a comprehensive cancer center.
142. Bronchiectasis-associated infections and outcomes in a large, geographically diverse electronic health record cohort in the United States.
143. Recurrent UTI in Women-Risk Factors and Management.
144. Perioperative complications of minor and major reinterventions for peripheral arterial disease.
145. Reducing catheter-associated urinary tract infection in high dependency unit: an eighteen-month quality improvement intervention study period.
146. Nationwide Effectiveness and Efficiency of the National Diabetes Prevention Policy Versus the Penny-per-Ounce Excise Tax Policy on Sugar-Sweetened Beverages.
147. Regulating molecular brush structure on cotton textiles for efficient antibacterial properties.
148. Family-based education and follow-up program for patients with burns: A mixed assessment study.
149. Design and Modification of COVID-19 Case Investigation and Contact Tracing Interview Scripts Used by Health Departments Throughout the COVID-19 Pandemic.
150. Longitudinal analysis of 20 Years of external quality assurance schemes for PCR/NAAT-based bacterial genome detection in diagnostic testing.
151. Advanced imaging shows extra-articular abscesses in two out of three adult patients with septic arthritis of the native hip joint.
152. Multiplex PCR test as an intra-operative diagnostic tool for periprosthetic joint infection in presumed aseptic revision hip and knee arthroplasty: a 1-year follow-up study of 200 cases.
153. Prevention and treatment of infection in patients with an absent or hypofunctional spleen: A British Society for Haematology guideline.
154. U.S. Women with Invasive Cervical Cancer: Characteristics and Potential Barriers to Prevention.
155. Lincosamide monotherapy treatment of methicillin-resistant Staphylococcus aureus pneumonia in tropical Australia: a case series.
156. Daptomycin and ceftaroline combination for the treatment of persistent methicillin-resistant Staphylococcus aureus bloodstream infections: a case series and literature review.
157. Assessment and management of constipation in postoperative patients in the spinal surgery ward: a best practice implementation project.
158. Case Report: Can preoperative implantation of veno-arterial extracorporeal membrane oxygenation lead to embolic events in infective endocarditis?
159. The burden of hospital-acquired infections (HAI) in sub-Saharan Africa: a systematic review and meta-analysis.
160. [Annual progress of interventional diagnosis and treatment of tuberculosis in 2023].
161. Vaccination Motivators and Deterrents Among Undervaccinated Older Adults in North Dakota.
162. Insights Into MRI Neuroimaging Patterns of COVID-19 in Children: A Retrospective Comprehensive Analysis.
163. Intramyocardial abscess and endoventricular thrombosis: a complex case.
164. Molecular identification of Proteus mirabilis, Vibrio species leading to CRISPR-Cas9 modification of tcpA and UreC genes causing cholera and UTI.
165. The Impact of Colonization by Multi Drug Resistant Bacteria on Graft Survival, Risk of Infection, and Mortality in Recipients of Solid Organ Transplant: Systematic Review and Meta-analysis.
166. Effect of allogeneic hematopoietic stem cell transplantation for chronic granulomatous disease in children: A multicentre, retrospective cohort study in China.
167. Durability of Original Monovalent mRNA Vaccine Effectiveness Against COVID-19 Omicron-Associated Hospitalization in Children and Adolescents - United States, 2021-2023.

Breast Surgery

1. Shifts in Reduction Mammaplasty Surgical Volumes With the Emergence of a Global Pandemic.
2. The Immunohistochemical Profile of Mammary Tissue in Women With Macromastia and Its Potential Clinical Implications.
3. Initial Experience with Unidirectional Barbed Suture for Abdominal Donor Site Closure in Deep Inferior Epigastric Perforator Flap Breast Reconstruction.
4. [Transoral robotic thyroidectomy via vestibular approach: a retrospective study of 107 cases in a single center].
5. Customised pre-operative cranioplasty to achieve maximal surgical resection of tumours with osseous involvement-a case series.
6. Triplane technique for breast reconstruction after breast cancer surgery: A case series report.
7. Surface Topography, Microbial Adhesion, and Immune Responses in Silicone Mammary Implant-Associated Capsular Fibrosis.
8. A case of pancreatic adenosquamous cell carcinoma with a pseudocyst following curative surgery.
9. Development of Opioid Use Disorder After Breast Reconstruction: Effects of Nicotine Exposure.
10. Impact of Comorbidities on Sensory Return After Breast Reconstruction.
11. Use of Absorbable Dermal Staples in Bilateral Breast Reduction Surgery: Effects on Operative Times, Surgical Outcomes, and Procedure Charges.
12. Haemoblock hemostatic substance in reducing seroma formation post axillary lymph node dissection following breast conserving surgery.
13. Comprehensive analysis of risk factors for postoperative wound infection following radical mastectomy in breast cancer patients.
14. Chronic infectious unilateral giant thyroid cyst related to diabetes mellitus: A case report.
15. Nipple-areolar complex malposition in breast reconstruction after nipple-sparing mastectomy: a multi-institutional retrospective observational study in Japan.
16. In hospital outcomes of autologous and implant-based breast reconstruction in patients with diabetes mellitus: A population-based study of 2015-2020 national inpatient sample.
17. Oncoplastic breast-conserving surgery (OBCS) vs. mastectomy with reconstruction: a comparison of outcomes in an underserved population.
18. Acute adverse events of ultra-hypofractionated whole-breast irradiation after breast-conserving surgery for early breast cancer in Japan: an interim analysis of the multi-institutional phase II UPBEAT study.
19. Immediate breast reconstruction in breast cancer patients with the use of Serasynth and SeragynBR synthetic meshes. Single-oncological center experience, analysis of complications.
20. Endoscopic thyroidectomy via chest-collarbone approach versus conventional open thyroidectomy: a retrospective comparative study.
21. Stepwise transvenous lead extraction due to pacemaker pocket infection following lactational mastitis complicated with breast abscess.
22. Society for Immunotherapy of Cancer (SITC) recommendations on intratumoral immunotherapy clinical trials (IICT): from premalignant to metastatic disease.
23. Inflammatory breast cancer: Epidemiologic data and therapeutic results.
24. Intraoperative radiotherapy combined with spinal stabilization surgery-a novel treatment strategy for spinal metastases based on a first single-center experiences.
25. A woman in her fifties with a post-operative infection, generalised rash and organ failure.
26. The wide base bipedicled (WIBB) flap in nipple-sparing skin-reducing mastectomy.

Mupirocin resistance

1. Prevalence and genetic characteristics of Staphylococcus aureus isolates from cell phones of medical students from Iran.

Competitors

1. Vaccination with staphylococcal protein A protects mice against systemic complications of skin infection recurrences.
2. Correction: Neutrophil killing of Staphylococcus aureus in diabetes, obesity and metabolic syndrome: a prospective cellular surveillance study.
3. Airway obstruction in two children with congenital central hypoventilation syndrome and review of the literature.
4. In vitro activity of selected antimicrobials against methicillin-resistant Staphylococcus pseudintermedius of canine origin in Poland.
5. An overview of risk factors, management and prevention of cochlear implant infections.
6. A Comparison of the Antioxidant Potential and Metabolite Analysis of Marine Fungi Associated with the Red Algae Pterocladiella capillacea from Northern Taiwan.
7. Phase II Trial of the Impact 0.5% Povidone-Iodine Nasal Spray (Nasodine®) on Shedding of SARS-CoV-2.
8. Immunization with a peptide mimicking lipoteichoic acid induces memory B cells in BALB/c mice.
9. Bacterial etiology and antimicrobial resistance pattern of pediatric bloodstream infections: a 5-year experience in an Iranian referral hospital.
10. Skin dermatoses in the returning traveller; a practical guide.
11. Feasibility of using a combination of staphylococcal superantigen-like proteins 3, 7 and 11 in a fusion vaccine for Staphylococcus aureus.
12. Synthesis and characterization of mupirocin-LDH/PVA nanofibrous composite as a dual-carrier drug release system.
13. Reverse development of vaccines against antimicrobial-resistant pathogens.
14. The inflammatory microenvironment of the lung at the time of infection governs innate control of SARS-CoV-2 replication.
15. Australasian Malignant PLeural Effusion (AMPLE)-4 trial: study protocol for a multi-centre randomised trial of topical antibiotics prophylaxis for infections of indwelling pleural catheters.
16. Identification of kinase modulators as host-directed therapeutics against intracellular methicillin-resistant Staphylococcus aureus.
17. Targeting FTO induces colorectal cancer ferroptotic cell death by decreasing SLC7A11/GPX4 expression.
18. Critically ill children with SARS-COV-2 Omicron infection at a national children medical center, Guangdong, China.
19. Indwelling pleural catheter infection and colonisation: a clinical practice review.
20. Trends, patterns and relationship of antimicrobial use and resistance in bacterial isolates tested between 2015-2020 in a national referral hospital of Zambia.
21. Identifying major histocompatibility complex class II-DR molecules in bovine and swine peripheral blood monocyte-derived macrophages using mAb-L243.
22. Global, regional, and national incidence and mortality burden of non-COVID-19 lower respiratory infections and aetiologies, 1990-2021: a systematic analysis from the Global Burden of Disease Study 2021.
23. Dry and liquid formulations of IBT-V02, a novel multi-component toxoid vaccine, are effective against Staphylococcus aureus isolates from low-to-middle income countries.
24. Global burden associated with 85 pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019.
25. A rational designed multi-epitope vaccine elicited robust protective efficacy against Klebsiella pneumoniae lung infection.