**XF-73 Nasal Literature Review**

**Period: 24/12/2023 – 24/01/2024**

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Scientific Highlights

1. Eradication of community-onset MRSA carriage: a narrative review.

SA Decolonisation

1. Fabrication and characterization of sodium alginate/blueberry anthocyanins/hinokitiol loaded ZIF-8 nanoparticles composite films with antibacterial activity for monitoring pork freshness.
2. Prevalence, antimicrobial resistance, and genetic lineages of nasal Staphylococcus aureus among medical students at a Spanish University: Detection of the MSSA-CC398-IEC-type-C subclade.
3. Risk factors for surgical site infection following cardiac surgery in a region endemic for multidrug resistant organisms.
4. Positivity of repeat nasal MRSA PCR screening: a single-center experience.
5. Enhanced antimicrobial efficacy of chlorhexidine-encapsulated halloysite nanotubes incorporated in presurgical orthopedic appliances: an in vitro, controlled study.
6. Diversity of Staphylococcus aureus isolated from nares of ruminants.
7. Discontinuation of Contact Precautions for Methicillin-resistant Staphylococcus aureus in a Pediatric Healthcare System.
8. Polymyxin B and ethylenediaminetetraacetic acid act synergistically against Pseudomonas aeruginosa and Staphylococcus aureus.
9. Investigating the relationship between muscle mass and nasal Methicillin-Resistant Staphylococcus aureus (MRSA) colonization: Analysis of the National Health and Nutrition Examination Survey (NHANES).
10. Temperature influences commensal-pathogen dynamics in a nasal epithelial cell co-culture model.
11. The risk of multiple sclerosis on the Orkney islands. A review of the search for distinctively Orcadian risks, with a hypothesis for further investigations.
12. Akt activator SC79 stimulates antibacterial nitric oxide generation in human nasal epithelial cells in vitro.
13. Comparison of risk factors for Methicillin Resistant Staphylococcus aureus (MRSA) colonization in healthy newborns, born to mothers with and without MRSA colonization.
14. Canine Staphylococcaceae circulating in a Kenyan animal shelter.
15. Genetic diversity of macrolides resistant Staphylococcus aureus clinical isolates and the potential synergistic effect of vitamins, C and K(3).
16. Antimicrobial susceptibility profiles of Staphylococcus aureus in cattle and humans in farming communities of Isingiro and Kamuli districts, Uganda.

SA/MRSA Colonisation / Infection

1. Open tibial plateau fractures: Infection rate and functional outcomes.
2. Safety of the modified posteromedial approach in complex ankle fractures: Comparative analysis versus posterolateral access.
3. Gentamicincoated tibial nail is an effective prevention method for fracture-related infections in open tibial fractures.
4. Infection after intramedullary nailing of femoral and tibial diaphyseal fractures.
5. Protected immediate weight-bearing is safe after fixation of ankle fractures with syndesmosis injury fixed with position screw. A retrospective case-series study.
6. Percutaneous helical plate fixation in humeral shaft fractures with proximal extension.
7. Treatment of fracture-related infection in Latin America (FRILA). Proposal for a multicentre regional registry.
8. The avian influenza A virus receptor SA-α2,3-Gal is expressed in the porcine nasal mucosa sustaining the pig as a mixing vessel for new influenza viruses.
9. Construction of a Postoperative Infection Outbreak Investigation Form: A Tool for Early Detection and Control Measures.
10. Profiling the dysregulated immune response in sepsis: overcoming challenges to achieve the goal of precision medicine.
11. Clinical significance of the preoperative inflammatory burden index in esophageal cancer.
12. Comparison of split thickness skin graft versus full thickness skin graft for radial forearm flap donor site closure: A systematic review and Meta-analysis.
13. Thyroidectomy Outcomes in Obese Patients.
14. Olfactory immune response to SARS-CoV-2.
15. The MVA vector expressing the F protein of bovine respiratory syncytial virus is immunogenic in systemic and mucosal immunization routes.
16. Submental intubation in complex maxillofacial trauma: Pilot balloon protection.
17. Safety and effectiveness of fifth generation cephalosporins for the treatment of methicillin-resistant staphylococcus aureus bloodstream infections: a Narrative Review Exploring past, present and future.
18. Recurrent tracheo-esophageal fistula- management challenges: Case report and review of current literature.
19. Cryo-transbronchial lung biopsy in the diagnosis of IgG4-related lung disease.
20. Comment on the Recent Publication Entitled by Ellis et al. "Association Between Biliary Pathogens, Surgical Site Infection, and Pancreatic Fistula".
21. Airway and Systemic Immune Responses Following the Third COVID-19 Vaccination in COPD Patients.
22. Role of the Gastrocnemius Musculocutaneous with a Propeller Style Skin Flap in Knee Region Reconstruction: Indications and Pitfalls.
23. Higher antibody titres against Pseudogymnoascus destructans are associated with less white-nose syndrome skin lesions in Palearctic bats.
24. A Randomized Controlled Trial Comparing Two Wound Dressings Used in Obstetric and Gynecological Surgeries: Trushield NXT vs. Tegaderm.
25. Case Report: Acute abdomen and large mesenteric mass as another face of multisystem inflammatory syndrome in an adolescent child: measure twice, act once!
26. Risk Factors and Dynamic Nomogram Development for Surgical Site Infection Following Open Wedge High Tibial Osteotomy for Varus Knee Osteoarthritis: A Retrospective Cohort Study.
27. The unsolved problem of musculoskeletal hydatid disease: two case reports.
28. Pre-oxygenation with high-flow oxygen through the nasopharyngeal airway compared to facemask on carbon dioxide clearance in emergency adults: a prospective randomized non-blinded clinical trial.
29. Causal relationship between cigarette smoking behaviors and the risk of hernias: a Mendelian randomization study.
30. High risk and low prevalence diseases: Flexor tenosynovitis.
31. Emergency laparotomy and perioperative COVID-19: a single-center retrospective cohort study.
32. Cervical Spinal Cord Stimulation: A Review.
33. Changes in Hospital Adverse Events and Patient Outcomes Associated With Private Equity Acquisition.
34. What is the diagnostic accuracy of neutrophil to lymphocyte ratio and monocyte to lymphocyte ratio in detecting acute periprosthetic joint infections? A gender-specific analysis.
35. The effect of intraoperative fluoroscopy on acetabular component positioning and patient anatomy restoration during posterior or posterolateral approach total hip arthroplasty: a meta-analysis.
36. The association between sarcopenia, defined by a simplified screening tool, and long-term outcomes.
37. Comparison of asymmetric Z-plasty and Stallard Z-plasty in correction of epicanthus.
38. Artificial intelligence-based analysis of body composition predicts outcome in patients receiving long-term mechanical circulatory support.
39. Microbiological Evaluation of Four Different Suture Materials Used for the Surgical Removal of Impacted Lower Third Molars: A Single-Center Prospective Comparative Study.
40. Dual Mobility Cup in Fractures of the Femoral Neck in Neuromuscular Disorders and Cognitive Dysfunction Patients above 60 years-old.
41. A Retrospective Cohort Study Evaluating the Safety and Efficacy of Sequential versus Concurrent Intrapleural Instillation of Tissue Plasminogen Activator and DNase for Pleural Infection.
42. Immunoinformatics Prediction and Protective Efficacy of Vaccine Candidate PiuA-PlyD4 Against Streptococcus Pneumoniae.
43. Descending necrotizing mediastinitis caused by retro-pharyngeal Eggerthia catenaformis infection.
44. Diagnosis and Methods of Repair for a Uteroperitoneal Fistula (UPF) Formed After Gynecological Surgeries.
45. Robotic Frameless Stereotactic Aspiration with Thrombolysis for Primary Pontine Hemorrhage: A Therapeutic Evaluation of a Retrospective Cohort Study.
46. Abdominal pseudohernia as an exceptional complication of herpes-zoster.
47. Case Report: Gastrointestinal Basidiobolomycosis in a Young Girl with Cystic Fibrosis and Celiac Disease.
48. Impact of long-term vs. short-term and single day vs. single dose of antibiotic prophylaxis in reducing infection rates after orthognathic surgery: a systematic review and meta-analysis.
49. Emergent Applications of Machine Learning for Diagnosing and Managing Appendicitis: A State-of-the-Art Review.
50. Determining the Optimal Technique for Bar Fixation in the Repair of Pectus Excavatum.
51. Comparison of surgical site infection (SSI) between negative pressure wound therapy (NPWT) assisted delayed primary closure and conventional delayed primary closure in grossly contaminated emergency abdominal surgeries: a randomized controlled trial.
52. First molecular identification of the trematode Pulmonicola cochleotrema (Platyhelminthes: Opisthotrematidae) in West Indian manatees (Trichechus manatus, Sirenia: Trichechidae) from Puerto Rico and Florida.
53. A Prospective, Single-Arm Study to Evaluate the Safety and Efficacy of RD2-Ver.02, an Autologous Blood Clot, in the Treatment of Anal Fistula.
54. Decreased Risk of Periprosthetic Joint Infection with Concurrent Hardware Removal During Conversion Total Hip Arthroplasty Compared to Staged Removal: A Matched Cohort Analysis.
55. Risk factors for surgical site infection after percutaneous endoscopic lumbar discectomy.
56. Liver transplantation in patient with Berardinelli-Seip syndrome: A literature review and case report.
57. Single-stage versus two-stage bone flap reconstruction in chronic osteomyelitis: Multicenter outcomes comparison.
58. Diagnostic efficacy of serum presepsin for postoperative infectious complications: a meta-analysis.
59. Optimization of RT-PCR methods for enterovirus detection in groundwater.
60. Multiple Thrombotic, Infectious, and Cardiopulmonary Complications Following Laparoscopic Converted to Open Colectomy Procedure: A Case Report and Literature Review.
61. Pre-Operative Chronic Steroid Use is Associated with Increased Incidence of Postoperative Mortality and Limb Loss Following Peripheral Arterial Bypass Surgery for Chronic Limb-Threatening Ischemia.
62. Pathogenicity assessment of a bovine viral diarrhea virus type 1l (BVDV-1l) strain in experimentally infected calves.
63. Predictors for different types of surgical site infection in patients with gastric cancer: A systematic review and meta-analysis.
64. Poorly controlled diabetes mellitus is strongly associated with descending necrotizing mediastinitis of odontogenic origin.
65. Sepsis in surgical patients: Burn sepsis.
66. Early Results of Orthopaedic Trauma and Anemia: Conservative Versus Liberal Transfusion Strategy.
67. Pericardial Closure with Expanded Polytetrafluoroethylene Patch in Left Ventricular Assist Device Surgery.
68. [Clinical protocol: audiological assessment of infants in Russian Federation. Part II].
69. National Trends in 30-Day Readmission Following Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma.
70. Rhinocerebral mucormycosis in immunocompetent patients: a case report and review of literature.
71. Postoperative Morbidity and Interstage Hemodynamics Following Stage I Palliation in Patients with Turner Syndrome and Hypoplastic Left Heart Syndrome.
72. Minimally Invasive Posterior Cervical Fusion: A Handsome Option.
73. Multilevel Corpectomy for Subaxial Cervical Spondylodiscitis: Literature Review and Role of Navigation, Intraoperative Imaging and Augmented Reality.
74. Combined Transoral Exoscope and OARM-Assisted Approach for Craniovertebral Junction Surgery. New Trends in an Old-Fashioned Approach.
75. Prosthetic Valve Endocarditis After Aortic Valve Replacement With Bovine Versus Porcine Bioprostheses.
76. [Clinical symptoms and signs in hamsters during experimental infection with the SARS-CoV-2 virus (Coronaviridae: Betacoronavirus)].
77. Post COVID-19 condition and behavioral manifestations in Taiwanese children.
78. Applying the standardized infection ratio for reporting surgical site infections in Australian healthcare facilities.
79. Prevalence of reported penicillin allergy and associations with perioperative complications, length of stay, and cost in patients undergoing elective cancer surgery.
80. Infantile Fibrosarcoma With Concurrent Infantile Hemangioma: A Case Report.
81. Nasal Herpes Simplex With Infraorbital Neuralgia: A Rare Presentation.
82. Clinical exploration of the international society of limb salvage classification of endoprosthetic failure using Henderson in the application of 3D-printed pelvic tumor prostheses.
83. Bullosis diabeticorum in a morbidly obese woman in Haiti.
84. Arthroscopic Procedures Are Performed in 5% of Patients With Knee Osteoarthritis 1 Year Preceding Total Knee Arthroplasty and Are Associated With Increased Stiffness and Increased Costs.
85. Increased Platelet Aggregation in Adults After Orthotopic Liver Transplantation Indicates Higher Probability of Early Postoperative Survival.
86. Machine learning application for prediction of surgical site infection after posterior cervical surgery.
87. Evaluating the complications of adult groin hernia where there is no hernia registry: a systematic review of Nigerian literature.
88. Utilization of Topical Polysporin and Triamcinolone for the Treatment of Hypergranulation Tissue.
89. Non-Surgical Site-Related Complications in Mandibular Fracture Surgery - A Problem of Elderly Patients?
90. Is testicular fixation to the scrotum necessary in patients with undescended testis? A comparative study.
91. UbiNAAT: a multiplexed point-of-care nucleic acid diagnostic platform for rapid at-home pathogen detection.
92. Enhancement of the immunogenicity of a Mycobacterium tuberculosis fusion protein using ISCOMATRIX and PLUSCOM nano-adjuvants as prophylactic vaccine after nasal administration in mice.
93. Gliosis induction on locus coeruleus in a living liver donor experimental model: A brief review.
94. Chromoblastomycosis Presenting as a Solitary Lesion in a Non-endemic Region.
95. Squamous Cell Carcinoma Arising in Chronic Osteomyelitis: A Rare Presentation.
96. Lower extremity necrotizing fasciitis with iliopsoas abscess secondary to perforated colon cancer: a diagnosis not to miss.
97. Using interprofessional collaboration to reduce reported rates of central-line-associated bloodstream infection in an intensive care setting.
98. A Comparison of Surgical Techniques and Outcomes for Primary Infected Abdominal Aortic Aneurysms.
99. 3D-printed antibiotic-loaded bone cement spacers as adjunctive therapy for hip periprosthetic infection after arthroplasty: a clinical assessment.
100. Tophaceous gouty arthritis with spondylolysis: a case report.
101. Isolation and Molecular Detection of Mannheimia haemolytica and Pasteurella multocida from Clinically Pneumonic Pasteurellosis Cases of Bonga Sheep Breed and Their Antibiotic Susceptibility Tests in Selected Areas of Southwest Ethiopian Peoples Regional State, Ethiopia.
102. Biodegradable, Biocompatible, and Implantable Multifunctional Sensing Platform for Cardiac Monitoring.
103. Pediatric Characteristics Associated With Higher Rates of Monitor Alarms.
104. Abdominal drainage after elective colorectal surgery: propensity score-matched retrospective analysis of an Italian cohort.
105. Clinicopathologic Characterization of Kaposi Sarcoma on the Foot and Ankle: Analysis of 11 Patients Seen in Our Clinics.
106. Combined Open and Percutaneous Plating for the Treatment of Pilon Fracture.
107. Sentinel Lymph Node Evaluation in Early-Stage Vulvar Cancer.
108. Impact of Intra-Operative Shock and Resuscitation on Surgical Site Infections After Trauma Laparotomy.
109. Non-glycosylated G protein with CpG ODN provides robust protection against respiratory syncytial virus without inducing eosinophilia.
110. Transcatheter arterial chemoembolisation combined with lenvatinib plus camrelizumab as conversion therapy for unresectable hepatocellular carcinoma: a single-arm, multicentre, prospective study.
111. Comparing the Efficacy of Povidone-Iodine Versus Normal Saline in Laparotomy Wound Irrigation to Prevent Surgical Site Infections: A Meta-Analysis.
112. Characterization of young and aged ferrets as animal models for SARS-CoV-2 infection with focus on neutrophil extracellular traps.
113. Misdiagnosis of a Patient with Hepatic Alveolar Echinococcosis with Hepatapostema: A Case Report.
114. A meta-analysis examining the impact of open surgical therapy versus minimally invasive surgery on wound infection in females with cervical cancer.
115. Discovery of sparse, reliable omic biomarkers with Stabl.
116. Differences in toll-like receptor ligand-induced cytokine concentrations before and after solid organ transplantation: A prospective, observational cohort study in a clinical setting.
117. Use of oxygen-ozone therapy to improve the effectiveness of antibiotic treatment on infected arthroplasty: protocol for a superiority, open-label, multicentre, randomised, parallel trial.
118. The Effect of Vancomycin and Tobramycin Local Antibiotic Powder on Surgical Site Infections after Open Treatment of Fracture: A Retrospective Propensity-Matched Analysis.
119. Comparative evaluation of platelet-rich plasma, autologous blood serum, and umbilical cord serum for corneal healing after penetrating keratoplasty in New Zealand rabbits.
120. Early predictors of fistula formation following head and neck reconstruction.
121. The Global Leadership Initiative on Malnutrition criteria for diagnosis of malnutrition and outcomes prediction in emergency abdominal surgery.
122. Postoperative mediastinitis and sternal osteitis after cardiac surgery caused by Mycoplasma hominis: A case report.
123. Integrated analysis of miRNA-mRNA expression of newly emerging swine H3N2 influenza virus cross-species infection with tree shrews.
124. Impact of the 4th of August Beirut explosion mass casualty incident on a university hospital microbial Flora.
125. Health care-associated infections in neonatology.
126. Predictive Performance of Surgical Mortality Risk Scores in Infective Endocarditis.
127. Case 1. Infected postoperative wound on left wrist.
128. The Nightmare of Calcaneus: Gustilo-Anderson Type IIIB Fractures.
129. Three cases of recalcitrant Paecilomyces keratitis in Southern California within a short period.
130. Longer term follow up of outcomes following implantation of a modular rotating hinge knee prosthesis: 53 implants at mean 7.6 year follow up.
131. Case report on postoperative coagulation abnormalities.
132. Use total portosystemic shunt to rescue an emergency PNF with intractable hypotension: A case report.
133. Severe disseminated Nocardia brasiliensis pneumonia with normal immune function: A case report.
134. Efficacy and safety of colchicine for the prevention of postoperative atrial fibrillation among patients undergoing major cardiothoracic surgery: a meta-analysis and meta-regression of randomized controlled trials.
135. Combination-Lock SlipChip Integrating Nucleic Acid Sample Preparation and Isothermal LAMP Amplification for the Detection of SARS-CoV-2.
136. The safety and efficacy of unicompartmental knee arthroplasty in outpatient surgical centers: A systematic review and meta-analysis.
137. Impact of Preoperative Urinary Tract Infection Screening in Asymptomatic Women Undergoing Midurethral Sling.
138. Treatment of thyroglossal cyst using Koempel's technique: initial experience.
139. Nasal Injuries and Issues in Athletes.
140. Potential anti-Pythium insidiosum therapeutics identified through screening of agricultural fungicides.
141. Gastric juice analysis in clinical practice: why, how, and when. The experience with EndoFaster.
142. Transcriptome-Wide Dynamics of m7G-Related LncRNAs during the Progression from HBV Infection to Hepatocellular Carcinoma.
143. Listeria monocytogenes, a silent foodborne pathogen in Ecuador.
144. Personalized antibiotic selection in periodontal treatment improves clinical and microbiological outputs.
145. Transcatheter closure of patent ductus arteriosus in preterm infants: results from a single-center cohort.
146. Necrotising fasciitis presenting as a blister: A case report on improving early recognition of surgical site infection following caesarean delivery.
147. Fusobacterium/Peptostreptococcus - A Case Report of Communityacquired Empyema Resulting in Surgical Decortication with Prolonged Antibiotic Therapy: A Case Series and Review of the Literature.
148. Subcutaneous infection caused by Mycobacterium abscessus following botulinum toxin injections: A case report and literature review.
149. A predictive nomogram for surgical site infection in patients who received clean orthopedic surgery: a retrospective study.
150. Surgical site infection after trochanteric and subtrochanteric fractures: a single centre retrospective analysis.
151. The safety and feasibility of same-day discharge for the management of patients undergoing pulmonary lobectomy.
152. Diagnosis of cystic lung diseases: a position statement from the UK Cystic Lung Disease Rare Disease Collaborative Network.
153. DAIR in treating chronic PJI after total knee arthroplasty using continuous local antibiotic perfusion therapy: a case series study.
154. Rare post-operative intracranial abscess due to Serratia marcescens: what we can learn from it?
155. Efficacy of single antibiotic therapy versus antibiotic combination in implant-free staphylococcal post-surgical spinal infections: a retrospective observational study.
156. Congenital Heart Surgery Outcomes in Patients with Positive Respiratory Viral Swabs.
157. Small bowel intussusception - aetiology & management.
158. Activity of a foam in preventing rebound of vancomycin-resistant Enterococcus faecium-containing droplets generated from the toilet bowl.
159. Predictive Factors for Successful Decannulation in Patients with Tracheostomies and Brain Injuries: A Systematic Review.
160. Bladder neck contracture following transurethral surgery of prostate: a retrospective single-center study.
161. Bilateral Combined Rhegmatogenous and Tractional Retinal Detachments Due to Persistent High-Titer Syphilis.
162. ROBOtic Care Outcomes Project (ROBOCOP) for Acute Gallbladder Pathology.
163. Repeat left ventricular-assisted device exchange and upgrade from second- to third-generation devices in a high-volume single center.
164. Clinical and technical factors in endoscopic skull base surgery associated with reconstructive success.
165. Clinical features relating to pneumococcal colony phase variation in hospitalized adults with pneumonia.
166. HA N193D substitution in the HPAI H5N1 virus alters receptor binding affinity and enhances virulence in mammalian hosts.
167. Giant Patent Ductus Arteriosus Aneurysm Compressing the Esophagus.
168. Septic arthritis in the pediatric hip joint: a systematic review of diagnosis, management, and outcomes.
169. Infantile orbital abscess caused by methicillin-resistant Staphylococcus aureus: a case report and literature review.
170. Parascapular Flap for Severe Hidradenitis Suppurativa.
171. Clinical outcomes and complications of S53P4 bioactive glass in chronic osteomyelitis and septic non-unions: a retrospective single-center study.
172. Autogenic splenic implantation versus splenectomy in patients undergoing distal pancreatectomy for benign or low-grade malignant lesions of the distal pancreas: study protocol for a multicentre, open-label, randomized controlled trial (RESTORE).
173. Increasing ratio of opportunistic infections associated with sunshine exposure and economic level burdening Chinese inflammatory bowel disease hospitalized patients: the first nationwide survey from 2014 to 2019.
174. Gut Microbiota Alterations and Circulating Imidazole Propionate Levels are Associated with Obstructive Coronary Artery Disease in People Living with HIV.
175. Refractory Osteomyelitis in a Military Service Member Resolved With Adjunctive Hyperbaric Oxygen Therapy.
176. A Cost-Effectiveness Analysis of Wittmann Patch-Assisted Abdominal Closure Compared to Planned Ventral Hernia in Management of the Open Abdomen.
177. Effect of Volatile Anesthesia Versus Intravenous Anesthesia on Postoperative Pulmonary Complications in Patients Undergoing Minimally Invasive Esophagectomy: A Randomized Clinical Trial.
178. Conversion of monoclonal IgG to dimeric and secretory IgA restores neutralizing ability and prevents infection of Omicron lineages.
179. Outcomes of an expedited same-day discharge protocol following cardiac implantable electronic device (CIED) implantation.
180. Management of first branchial anomalies in children: 20 years of experience.
181. Mucosal correlates of protection after influenza viral challenge of vaccinated and unvaccinated healthy volunteers.
182. Reduced olfactory performance is associated with changed microbial diversity, oralization, and accumulation of dead biomaterial in the nasal olfactory area.
183. A single centre experience on the formation of double barrelled uro-colostomy in pelvic exenteration surgery: a cohort study.
184. Outcomes of liver transplantation for hepatocellular carcinoma: Experiences from a Vietnamese center.
185. Complications of ankle arthroscopy: frequency, prevention, and treatment.
186. Parastomal hernia after radical cystectomy. Incidence, natural history and predictive factors - A single center study.
187. Quadruple valve replacement for patient with infective endocarditis 16 years after Fallot's Tetralogy Repair procedure: A case report.
188. Survey of exposure to stranded dolphins in Japan to investigate an outbreak of suspected infection with highly pathogenic avian influenza (H5N1) clade 2.3.4.4(b) in humans.
189. Infectious complications following major heart surgery from the day of the surgery to hospital discharge.
190. Minimal-invasive ileal ureter replacement for the management of multiple ureteral polyps: the initial experience.
191. The Royal College of Ophthalmologists' National Ophthalmology Database Study of Cataract Surgery: Report 13, monitoring post-cataract surgery endophthalmitis rates-the rule of X.
192. Successful surgical treatment of an intraoperatively ruptured lung abscess rupture using free pericardial fat implantation: a case report.
193. Single-cell sequencing reveals increased LAMB3-positive basal keratinocytes and ZNF90-positive fibroblasts in autologous cultured epithelium.
194. Breaking barriers in Candida spp. detection with Electronic Noses and artificial intelligence.
195. Anterior, Posterior and Anterior-Posterior Approaches for the Treatment of Thoracolumbar Burst Fractures: A Network Meta-Analysis of Randomized Controlled Trials.
196. Nasal lavage microbiome, but not nasal swab microbiome, correlates with sinonasal inflammation in children with cystic fibrosis.
197. Reducing the incidence of surgical site infection after ventral hernia repair: Outcomes from the RINSE randomized control trial.
198. Low-Dose vs Standard-Dose Valganciclovir for Cytomegalovirus Prophylaxis After Kidney Transplantation: A Single-Center Retrospective Analysis.
199. A 39-Year-Old Man With Refractory Chronic Cough Accompanied by Regurgitation and Belching.
200. Assessing the impact of diverse mask types on COPD patients: a randomised controlled trial study protocol.
201. Serotype 3 Experimental Human Pneumococcal Challenge (EHPC) study protocol: dose ranging and reproducibility in a healthy volunteer population (challenge 3).
202. Update on the Epidemiology, Diagnosis, and Management of Infective Endocarditis: A Review.
203. How to create by your own a customized hip cement mega-spacer for a hip megaprosthesis 2-stage revision surgery after oncologic limb-salvage surgery - Surgical technique and Case Report.
204. Information-guided Surgery Centered on Intraoperative Magnetic Resonance Imaging Guarantees Surgical Safety with Low Mortality.
205. Risk Factors for Infection Recurrence After Surgical Resection of Advanced Stage Osteonecrosis of the Mandible.
206. Endoscopic endonasal surgery of Rathke's cleft cysts-- preoperative imaging evaluation, personalized removal and multilevel sellar floor reconstruction.
207. Arthroscopically assisted closed reduction for displaced lateral humeral condyle fractures over 4 mm in children.
208. Long-Term Survivability of Surgical and Non-Surgical Management of Spinal Epidural Abscess.
209. Radiological findings associated with postoperative wound infection after extraction of impacted mandibular third molar: a retrospective study.
210. Increased Rate of Complications Following Total Knee Arthroplasty in Patients Who Have Polymyositis.
211. Spondylodiscitis following perforated acute appendicitis in a 14-year-old female: A case report.
212. The diagnostic accuracy of the ID NOW COVID-19 point of care test in acute hospital admissions.
213. Increased electrode impedance as an indicator for early detection of deep brain stimulation (DBS) hardware Infection: Clinical experience and in vitro study.
214. Minimally invasive surgery in medial displacement calcaneal osteotomy for acquired flatfoot deformity: a systematic review of the literature.
215. Outcomes after ventral hernia repair using the extended totally extraperitoneal approach: Initial experience from the Philippines.
216. Efficacy and Reliability of T-Cell-Depleted Haploidentical Stem Cell Transplantation in Hematologic Disorders: A Retrospective Study.
217. Upconversion 3d Bioprinting for Noninvasive In-Vivo Moulding.
218. Retention of Antibiotic Cement Delivery Implants in Orthopedic Infection Associated with United Fractures Does Not Increase Recurrence Risk.
219. Does Topical Vancomycin Powder Use in Fracture Surgery Change Bacteriology and Antibiotic Susceptibilities? An Analysis of the VANCO Trial.
220. Benefits of negative pressure wound therapy with fat migration during revisional total hip arthroplasty in an obese patient: A case report.
221. Analysis of postoperative complications in children treated for moderate to severe anal atresia with laparoscopic versus open surgery: A retrospective study.
222. Factors predicting indistinct plane of surgical capsule in patients underwent HoLEP procedures.
223. Understanding the significance of microbiota recovered from health care surfaces.
224. HBV infection effects prognosis and activates the immune response in intrahepatic cholangiocarcinoma.
225. Risk factors for postoperative complications in preterm infants with surgical necrotizing enterocolitis and associated outcomes.
226. EPOS2020/EUFOREA expert opinion on defining disease states and therapeutic goals in CRSwNP.
227. Application of Kirschner wire placement guided technology in paediatric supracondylar humerus fractures.
228. Clinical effect of nice knot-assisted minimally invasive titanium elastic nail fixation to treat Robinson 2B midshaft clavicular fracture.
229. Preoperative Immunonutrition Significantly Reduced Surgical Site Infection After Urinary Diversion for Invasive Bladder Cancer: A Retrospective Cohort Study.
230. A propensity score-matched analysis of intra- and postoperative penile prosthetic complications in the solid organ transplant population.
231. Metagenomic analysis of the ocular toxoplasmosis in children uveitis from Fayoum governorate, Egypt.
232. Maintenance of Surgical Optimization in Total Joint Arthroplasty Patients.
233. Platelet-derived extracellular vesicles are associated with kidney injury in patients with urosepsis.
234. The safety and accuracy of intratumoral catheter placement to infuse viral immunotherapies in children with malignant brain tumors: a multi-institutional study.
235. Microbial Transfer by Intermittent Catheters: An In Vitro Evaluation of Microbial Transfer in Catheter With Variable Protective Features.
236. Evaluation of the prevention effect of high-quality nursing quality control in disinfection supply center on nosocomial infection.
237. The impact of neoadjuvant chemotherapy on the clinical efficacy and serum tumor marker levels in patients undergoing radical surgery for gastric cancer.
238. Screening Candida auris through a multiplex stepwise PCR algorithm directly from clinical samples of patients suspected of otomycosis in south of Iran; Detection of five cases.
239. Transoral endoscopic thyroidectomy vestibular approach versus conventional open thyroidectomy for the treatment of benign thyroid tumours: A prospective cohort study.
240. Utilization and Outcomes of Roux-en-Y Gastric Bypass Surgery Following the Affordable Care Act in the United States.
241. Intraoperative Difficulties and Postoperative Complications Associated With Cochlear Implantations: A Study From Erbil City.
242. Impact of pulmonary infection after radical esophagectomy on serum inflammatory markers, pulmonary function indices, and prognosis.
243. Dexamethasone-Associated Hyperglycemia is not Associated with Infectious Complications After Total Joint Arthroplasty in Diabetic Patients.
244. SEPTOSTOMY AND MONROPLASTY IN ISOLATED LATERAL VENTRICLE AFTER REMOVAL OF A III VENTRICLE COLLOID CYST: 2-Dimensional Operative Video.
245. Advanced wound healing in a patient with transmetatarsal amputation caused by severe diabetic foot infection: A case report.
246. Evaluation of systemic inflammation in seizure phenotypes following meningioma resection.
247. Rare complications of infective endocarditis in marfan-like morphotype: diagnosis of multiple mitral valve aneurysms and aortic root abscess using three-dimensional transesophageal echocardiography.
248. Monitoring negative pressure wound therapy for diabetic foot ulcers using WhatsApp.
249. Comparison of Single-incision Laparoscopic Percutaneous and Cystoscope Forceps Assisted Morgagni Hernia Repair Techniques.
250. Prolonged Systemic Inflammatory Response Syndrome After Cardiac Surgery.
251. Plus moist HS-W(®): a new nasal packing material for the middle meatus in endoscopic sinus surgery.
252. Incidence of infection in carpal tunnel surgery with and without the use of local antibiotics.
253. Predictive value of SIRI and SII for metastases in RCC: a prospective clinical study.
254. Independent association of history of diabetic foot with all-cause mortality in patients with type 2 diabetes: the Renal Insufficiency And Cardiovascular Events (RIACE) Italian Multicenter Study.
255. Is robotic-assisted vaginectomy a better choice in vaginal high-grade squamous intraepithelial lesions than conventional laparoscopic surgery?
256. The First Successful Living Donor Liver Transplantation for Acute-on-Chronic Liver Failure Caused by Severe Acute Necrotizing Pancreatitis: A Case Report.
257. Current trends and outcomes for unilateral groin hernia repairs in the United States using the Abdominal Core Health Quality Collaborative database: A multicenter propensity score matching analysis of 30-day and 1-year outcomes.
258. Should All Patients Receive Extended Oral Antibiotic Prophylaxis? Defining its Role in Patients Undergoing Primary and Aseptic Revision Total Joint Arthroplasty.
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Guidelines / Prevention Practice

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2. Corynebacterium bovis infection after autologous fat grafting in breast augmentation: a case report.
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5. Effect of prolonged antibiotic prophylaxis on the occurrence of surgical site wound infection after instant breast reconstruction: A meta-analysis.
6. Brazilian Butt Lift Gone Wrong: A Case Series of Non-Tuberculous Mycobacterial Gluteal Infection After Brazilian Butt Lifts.
7. The Effect of Early Cultures and Dual-port Expanders on Two-stage, Prepectoral Breast Reconstruction: The 25/25 Study.
8. Plastic Surgery Tourism: Complications, Costs, and Unnecessary Spending?
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12. Postoperative Complications Following Lumpectomy With Intraoperative X-Ray Radiation Therapy: A Retrospective Comparative Study.
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Mupirocin resistance

Competitors

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Covid-19

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3. Formulation optimization and evaluation of oromucosal in situ gel loaded with silver nanoparticles prepared by green biosynthesis.
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11. Fabrication of Schiff-base crosslinked films modified dialdehyde starch with excellent UV-blocking and antibacterial properties for fruit preservation.
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