**XF-73 Nasal Literature Review**

**Period: 24/10/2023 – 24/11/2023**

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Scientific Highlights

1. Nasal decolonization: What antimicrobials and antiseptics are most effective before surgery and in the ICU.
2. Screening of the novel antimicrobial drug, XF-73, against 2,527 Staphylococcus species clinical isolates.
3. Prevalence of Mupirocin and Methicillin-Resistant Staphylococcus aureus in Nasal Carriage Among Healthcare Workers in an Intensive Care Unit and Post-decolonization Screening Outcomes at a Tertiary Care Hospital: A Prospective Study.

SA Decolonisation

1. Estimation of the contribution to intraoperative pathogen transmission from bacterial contamination of patient nose, patient groin and axilla, anesthesia practitioners' hands, anesthesia machine, and intravenous lumen.
2. Nasal MRSA carriage is a risk factor for development of antibiotic resistance in diabetic foot ulcers and is significantly higher than diabetic and non-diabetic individuals without foot ulcer.
3. Implementation of a Colorectal Surgical Site Infection Prevention Bundle and Checklist: A Quality Improvement Project.
4. Diabetes mellitus promotes the nasal colonization of high virulent Staphylococcus aureus through the regulation of SaeRS two-component systemnasal colonized S. aureus in type 2 diabetes.
5. First Isolation of Methicillin-Resistant Livestock-Associated Staphylococcus aureus CC398 and CC1 in Intensive Pig Production Farms in Argentina.
6. Prevalence of Colonization with Multidrug-Resistant Bacteria: Results of a 5-Year Active Surveillance in Patients Attending a Teaching Hospital.
7. Staphylococcus aureus Adaptation to the Skin in Health and Persistent/Recurrent Infections.
8. Within-Host Diversity of Coagulase-Negative Staphylococci Resistome from Healthy Pigs and Pig Farmers, with the Detection of cfr-Carrying Strains and MDR-S. borealis.
9. Matrix-Mediated Delivery of Silver Nanoparticles for Prevention of Staphylococcus aureus and Pseudomonas aeruginosa Biofilm Formation in Chronic Rhinosinusitis.
10. Associated Bacterial Coinfections in COVID-19-Positive Patients.
11. Postoperative Staphylococcus aureus Infections in Patients With and Without Preoperative Colonization.
12. The destruction of mucosal barriers, epithelial remodeling, and impaired mucociliary clearance: possible pathogenic mechanisms of Pseudomonas aeruginosa and Staphylococcus aureus in chronic rhinosinusitis.
13. Prevalence of surgical site wound infection after spine surgery in nasal colonization of methicillin-resistant Staphylococcus aureus: A meta-analysis.
14. Prolonged mask wearing changed nasal microbial characterization of young adults during the COVID-19 pandemic in Shanghai, China.
15. Epidemiology and zoonotic potential of Livestock-associated Staphylococcus aureus isolated at Tamil Nadu, India.
16. An Emerging Role of Extracellular Traps in Chronic Rhinosinusitis.
17. Detection of Staphylococcus aureus from nares of elderly living in a Brazilian nursing home.
18. Comprehensive Profile of Pathogens and Antimicrobial Resistance in Conjunctivitis Cases from Niger.
19. The Impact of the Nasal Mucosal Flap on Tissue Remodeling After Sinus Bone Drilling in Rabbit Models.
20. Nasal Decolonization in Congregant Settings: Reducing Infection Spread, Cutting Costs, and Improving Operational Readiness.
21. Systematic mining of the human microbiome identifies antimicrobial peptides with diverse activity spectra.
22. Nasal airway inflammatory responses and pathogen detection in infants with cystic fibrosis.
23. Predictive value of methicillin-resistant staphylococcus aureus nasal swab in patients with COVID-19 pneumonia and secondary bacterial pneumonia.

SA/MRSA Colonisation / Infection

1. Closed incision negative pressure wound therapy following pancreaticoduodenectomy for prevention of surgical site infections in high-risk patients.
2. Primary Anterior Lumbar Interbody Fusion, With and Without Posterior Instrumentation: A 1377 Patient Cohort from a Multicenter Spine Registry.
3. Vacuum sealing drainage combined with eggshell-like debridement antibiotic-loaded calcium sulphate for calcaneal osteomyelitis.
4. Sex differences in infective endocarditis: a Danish nationwide study.
5. Growing rods in meningomyelocele lead to increased risk for complications in comparison with fusion; a retrospective study of 30 patients treated for at the University Hospital of Uppsala.
6. Assessing the use of minimally invasive self-sampling at home for long-term monitoring of the microbiota within UK families.
7. Patient Preference Trade-offs for Next-Generation Kidney Replacement Therapies.
8. The expert clinical pharmacological advice program for tailoring on real-time antimicrobial therapies with emerging TDM candidates in special populations: how the ugly duckling turned into a swan.
9. Topical administration of S. salivarius 24SMB-S. oralis 89a in children with adenoidal disease: a double-blind controlled trial.
10. [Anesthesia for organ transplant patients].
11. Targeted metagenomic assessment reflects critical colonization in battlefield injuries.
12. Nasal CPAP in the Pediatric Ward to Reduce PICU Admissions for Severe Bronchiolitis?
13. Nomogram for predicting central nervous system infection following traumatic brain injury in the elderly.
14. Arthrodesis of the interphalangeal joints of the hand by two-dimensional intraosseous wiring.
15. Clinical outcomes following tibiotalocalcaneal arthrodesis with intramedullary nailing combined with partial fibulectomy and onlay bone graft.
16. Management of cervicofacial infection: a 7-year retrospective study.
17. The tumor microenvironment state associates with response to HPV therapeutic vaccination in patients with respiratory papillomatosis.
18. Ultrasound-guided percutaneous micro-drainage tube irrigation combined with high negative pressure tube drainage versus debridement with closed suction irrigation for treating deep surgical site infection after spinal surgery.
19. Assessing the mFI-5 frailty score and functional status in geriatric patients undergoing inguinal hernia repairs.
20. Differences in microorganisms causing infection after cranial and spinal surgeries.
21. Male Urethral Stricture in Patients with Metabolic Syndrome.
22. The "Minimal-Touch" Technique for Artificial Urinary Sphincter Placement: Description and Outcomes.
23. Duration of Enterovirus D68 RNA Shedding in the Upper Respiratory Tract and Transmission among Household Contacts, Colorado, USA.
24. [Preparation of Mycobacterium tuberculosis EsxV lipid nanoparticles subunit vaccine and its immunological characteristics].
25. HIV associated malignancies presenting as acute pancreatitis: a case series.
26. Bilateral versus single internal mammary artery in diabetic patients: systematic review and meta-analysis.
27. Novel technique for arterial reconstruction in simultaneous pancreas-kidney transplantation, a randomized clinical trial.
28. Novel prognostic biomarkers in decompensated cirrhosis: a systematic review and meta-analysis.
29. Mortality related risk factors: Results from the Brandenburg Endocarditis Register.
30. Costs, length of stay and inpatient complications of early surgical decompression after spinal cord injury in a geriatric cohort.
31. A case report of small bowel occlusion due to Meckel diverticulum causing a life-threatening condition.
32. The augmented value of using clinical notes in semi-automated surveillance of deep surgical site infections after colorectal surgery.
33. Quadrivalent neuraminidase RNA particle vaccine protects pigs against homologous and heterologous strains of swine influenza virus infection.
34. A large-volume low-pressure nasal irrigation delivers drug into the nasal cavity? An in vivo study.
35. Comparison of clinical outcomes of anal fistula plug and endoanal advancement flap repair treating the complex anal fistula: a systematic review and meta-analysis.
36. Increased rates of invasive bacterial disease in late 2022.
37. Design and validation of an exposure system for efficient inter-animal SARS-CoV-2 airborne transmission in Syrian hamsters.
38. Detection and characterization of novel luchacoviruses, genus Alphacoronavirus, in saliva and feces of meso-carnivores in the northeastern United States.
39. Understanding the Drivers of Cost and Length of Stay in a Cohort of 21,875 Severe Burn Patients.
40. Perinatal outcome of maternal deaths at Chris Hani Baragwanath Academic Hospital, Johannesburg, South Africa, January 2014 - June 2019.
41. Perioperative Outcomes for Same- Versus Next-Day Discharge After Benign Vaginal Hysterectomy.
42. Isolation and Characterization of Swinepox Virus from Outbreak in Russia.
43. Risk Factors for Post-Operative Multi-Drug-Resistant Organism Bacterial Infection in Patients With Stanford Acute Type A Aortic Dissection.
44. White-nose syndrome restructures bat skin microbiomes.
45. X-ray and UV Irradiation-Induced Reactive Oxygen Species Mediated Antibacterial Activity in Fe and Pt Nanoparticle-Decorated Si-Doped TiCaCON Films.
46. Relationship between Duffy Genotype/Phenotype and Prevalence of Plasmodium vivax Infection: A Systematic Review.
47. Formulation and Characterization of Hesperidin-Loaded Transethosomal Gel for Dermal Delivery to Enhance Antibacterial Activity: Comprehension of In Vitro, Ex Vivo, and Dermatokinetic Analysis.
48. First Cases of Feline Sporotrichosis Caused by Sporothrix brasiliensis in Paraguay.
49. Microbiological and Clinical Assessments of Suture Materials and Cyanoacrylate Application in Impacted Third Molar Surgeries: A Scoping Review.
50. Tilapia Fish Skin Treatment of Third-Degree Skin Burns in Murine Model.
51. Clinical and Biochemical Evaluation of the Use of Alb-PRF versus L-PRF in Mandibular Third Molar Extractions: A Split-Mouth Randomized Clinical Trial.
52. Are Absorbable Plates More Resistant to Infection Than Titanium Implants? An Experimental Pre-Clinical Trial in Rabbits.
53. Clinical, Microbiological and Treatment Characteristics of Severe Postoperative Respiratory Infections: An Observational Cohort Study.
54. Simultaneous Bilateral Cochlear Implantation in Adults.
55. Septic Obturation of a Knee Endoprosthesis Caused by Aspergillus clavatus.
56. Safety and Immunogenicity of Chimeric Pestivirus KD26\_E2LOM in Piglets and Calves.
57. A Single-Dose Intramuscular Immunization of Pigs with Lipid Nanoparticle DNA Vaccines Based on the Hemagglutinin Antigen Confers Complete Protection against Challenge Infection with the Homologous Influenza Virus Strain.
58. An RNA-Scaffold Protein Subunit Vaccine for Nasal Immunization.
59. Global Elimination of HCV-Why Is Poland Still So Far from the Goal?
60. Nipah Virus: An Overview of the Current Status of Diagnostics and Their Role in Preparedness in Endemic Countries.
61. Unraveling Immunological Dynamics: HPV Infection in Women-Insights from Pregnancy.
62. Deep Neural Network-Based Visual Feedback System for Nasopharyngeal Swab Sampling.
63. Bactericidal Activity of Silver-Doped Chitosan Coatings via Electrophoretic Deposition on Ti(6)Al(4)V Additively Manufactured Substrates.
64. A Literature Review on the Use of Aortic Allografts in Modern Cardiac Surgery for the Treatment of Infective Endocarditis: Is There Clear Evidence or Is It Merely a Perception?
65. Neutrophils' Contribution to Periodontitis and Periodontitis-Associated Cardiovascular Diseases.
66. Enzymatic Cleavage of Stx2a in the Gut and Identification of Pancreatic Elastase and Trypsin as Possible Main Cleavers.
67. Impact of Latent Virus Infection in the Cornea on Corneal Healing after Small Incision Lenticule Extraction.
68. Prevalence of Herpes Simplex and Varicella-Zoster Virus DNA in Corneal Grafts Is Higher than Expected.
69. Cystic Echinococcosis in Hospitalized Adult Patients from Western Romania: 2007-2022.
70. Arterial Blood Gas, Electrolyte and Acid-Base Values as Diagnostic and Prognostic Indicators in Equine Colic.
71. Multifactor analysis of the technique in total laparoscopic gastric cancer.
72. Application of multidisciplinary collaborative nursing with family care for enhanced recovery after surgery in children with inguinal hernia.
73. Management of Large Conjunctival Cysts in a Patient with Stevens-Johnson Syndrome: A Case Report and Review of the Literature.
74. Sterile Corneal Infiltrates following Cataract Surgery: Case Series.
75. Brucella infection-induced hemophagocytic syndrome with subsequent development of the probable vanishing bile duct syndrome: A case report and literature review.
76. Machine learning-based identification of CYBB and FCAR as potential neutrophil extracellular trap-related treatment targets in sepsis.
77. Fc-mediated functions of nirsevimab complement direct respiratory syncytial virus neutralization but are not required for optimal prophylactic protection.
78. Should We Use Rifampicin in Periprosthetic Joint Infections Caused by Staphylococci When the Implant Has Been Exchanged? A Multicenter Observational Cohort Study.
79. Comparison of surgical outcomes and urinary functioning after phalloplasty with versus without urethral lengthening in transgender men.
80. The effect of colpectomy on lower urinary tract function in transgender men.
81. Factors influencing the surveillance of re-emerging intracranial infections in elective neurosurgical patients: A single-center retrospective study.
82. Application of negative pressure wound therapy after skin grafting in the treatment of skin cancer: A case report.
83. Effects of humanized nursing care on negative emotions and complications in patients undergoing hysteromyoma surgery.
84. Rotationplasty type BIIIb as an effective alternative to limb salvage procedure in adults: Two case reports.
85. Endoscopic iliopsoas lengthening for treatment of recalcitrant iliopsoas tendinitis after total hip arthroplasty.
86. Transperineal Repair of Secondary Perineal Hernia Using a Mesh with a Memory-recoil Ring.
87. mTOR Pathway Somatic Pathogenic Variants in Focal Malformations of Cortical Development: Novel Variants, Topographic Mapping, and Clinical Outcomes.
88. Does surgical site infection affect patient-reported outcomes after spinal surgery? A multicenter cohort study.
89. Single-use negative pressure wound therapy versus conventional dressings for the reduction of surgical site infections in closed surgical incisions: Systematic literature review and meta-analysis.
90. An Electroconductive And Antibacterial Adhesive Nanocomposite Hydrogel for High-Performance Skin Wound Healing.
91. Potential Contribution of Cell Adhesion Molecule 1 to the Binding of SARS-CoV-2 Spike Protein to Mouse Nasal Mucosa.
92. Case Report: Osteomyelitis Due to Sporothrix brasiliensis in Two Immunocompetent Patients Requiring Surgical Amputation.
93. A new treatment of concealed penis: symmetrical pterygoid flap surgery.
94. Clinical Application of Ureteroscope-Assisted Laparoscopic Surgery for Prostatic Utricle in Children.
95. Nicotine Dependence and Rates of Postoperative Complications in Achilles Tendon Repair.
96. Outcomes Among Malnourished Patients With Crohn's Disease Undergoing Elective Ileocecectomy: A Nationwide Analysis.
97. Postoperative Urinary Complications in Head and Neck Free Flap Reconstructive Surgery.
98. Submandibular gland abscess in a kidney transplant recipient: a diagnostic and therapeutic enigma.
99. Data quality and patient characteristics in European ANCA-associated vasculitis registries: data retrieval by federated querying.
100. Trochlear Ridge Prostheses for Reshaping Femoral Trochlear Ridges in Dogs with Patellar Luxation.
101. Effect of oral nutritional supplementation on outcomes in older adults with hip fractures and factors influencing compliance.
102. Cost-effectiveness of selective decontamination of the digestive tract to decrease infectious complications in colorectal cancer surgery: An analysis of the SELECT trial.
103. A prospective study on skin and soft tissue infections: a fact-finding mission from a tertiary centre in north India.
104. [Exclusive breastfeeding and disease evolution in hospitalized infants with bronchiolitis].
105. Incidence, Microbiological Studies, and Factors Associated With Prosthetic Joint Infection After Total Knee Arthroplasty.
106. Serum Interleukin-6 as a Biomarker for Early Prediction of Post-Operative Infectious Complications After Elective Pancreatectomy.
107. Upper respiratory tract microbiome profiles in SARS-CoV-2 Delta and Omicron infected patients exhibit variant specific patterns and robust prediction of disease groups.
108. [Dose-response relationship between age and Streptococcus pneumoniae vaccination coverage in kindergarten children].
109. [Effect of somatostatin on gastrointestinal hormone levels and clinical outcomes in critically ill infants after gastrointestinal surgery: a prospective randomized controlled study].
110. Laparoscopic vs. open surgery: A comparative analysis of wound infection rates and recovery outcomes.
111. Effect of percutaneous endoscopic gastrostomy prior to oesophageal cancer surgery on postoperative wound complications in patients: A meta-analysis.
112. Clinical Outcome in Patients With High-grade Soft-tissue Sarcoma Receiving Prosthetic Replacement After Tumor Resection of the Lower Extremities: Tokai Musculoskeletal Oncology Consortium Study.
113. Clinical Significance of Controlling Nutritional Status (CONUT) Score in Patients With Colorectal Liver Metastases After Hepatectomy.
114. Design of experiment (DoE) as a quality by design (QbD) tool to optimize formulations of lipid nanoparticles for nose-to-brain drug delivery.
115. [Urological Comorbidities in an HIV-Infected Patient: A Case Report].
116. Segmental testicular infarction secondary to protein C deficiency.
117. Long-Term outcome of Chest Wall and Diaphragm repair with Biological Materials.
118. Osteoporosis and Total Knee Arthroplasty: Higher 5-Year Implant-Related Complications.
119. Validation of the incidence of reported periprosthetic joint infections in total hip and knee arthroplasty in the Dutch Arthroplasty Register.
120. Fusarium oxysporum disseminated infection in a teenage patient with a relapse of acute lymphoblastic leukemia - Case report and review of the literature.
121. Strange, Rare and Peculiar Symptoms of COVID-19 Cases Managed by Practitioners of the Homeopathy Help Network.
122. Successful Surgical Management of Ruptured Hepatic Artery Pseudoaneurysm Post-Liver Retransplant: A Case Report.
123. The modified cross-suture technique for loop stoma reversal: A technical note.
124. Analysis of Vacuum-Assisted Closure-Assisted Antibiotic Irrigation in Treatment of Severe Neurosurgical Central Nervous System Infections.
125. The clinical evaluation of the flapless placement of zygomatic implants: a randomized controlled trial.
126. The yeast prion protein Sup35 initiates α-synuclein pathology in mouse models of Parkinson's disease.
127. Perioperative daptomycin for prophylaxis of vancomycin-resistant Enterococcus infection in colonized liver transplant recipients.
128. Sex differences in post-operative outcomes following non-cardiac surgery.
129. Successful Outpatient Treatment of Severe Diabetic-Foot Myositis and Osteomyelitis Caused by Extensively Drug-Resistant Enterococcus faecalis with Teicoplanin plus Rifampicin: A Case Report.
130. In Vivo Acute Toxicity and Therapeutic Potential of a Synthetic Peptide, DP1 in a Staphylococcus aureus Infected Murine Wound Excision Model.
131. Evaluation of hemodynamic changes and patient-reported outcome measures in surgical therapy with or without intravenous sedation: a prospective controlled clinical study.
132. A validation study of the 30-day questionnaire in the national Norwegian Tonsil Surgery Register: can we trust the data reported by the patients?
133. Performance evaluation of the cobas SARS-CoV-2 Duo, a novel qualitative and quantitative assay, for the detection of SARS-CoV-2 RNA.
134. New-Onset of Herpes Simplex Keratitis After Blepharoplasty, Case Series and Review of the Literature.
135. Endophthalmitis caused by Burkholderia cepacia complex (BCC): clinical characteristics, antibiotic susceptibilities, and treatment outcomes.
136. Complications and secondary operations after non-operative and operative treatment of tibial plateau fractures: a population-based study of 562 patients with mean follow-up of 7 years.
137. [Acetabular metastatic defect reconstruction using the modular revision support cup MRS-C].
138. Intranasal immunisation with recombinant Toxoplasma gondii uridine phosphorylase confers resistance against acute toxoplasmosis in mice.
139. Nanocore-Shell Bone Filler Contained Mesoporous Silica Modified with Hydroxyapatite Precursors; Wrapped in a Natural Metal-Phenolic Network.
140. Zone I Revision Finger Amputations Performed in the Emergency Department Compared With Those Performed in the Operating Room.
141. Do Children with Previous COVID Infection Have Hyposmia?
142. Incidence, Risk Factors and Management of Postoperative Complications in Horizontal Strabismus Surgery.
143. Assembly of an inexpensive rat jugular catheter button based on a split-septum needleless intravenous system.
144. Clinical Profile and Outcome Analysis of Ear-Nose-Throat Symptoms in SARS-CoV-2 Omicron Subvariant Infections.
145. Necrotizing fasciitis wound after debridement could be successfully treated with negative-pressure wound therapy with instillation and dwelling: A case report.
146. Primary care drug therapy pharmacists in South Africa: Practice settings and conditions treated.
147. Postoperative Swallowing Function in Patients with Deep Neck Infection.
148. First case of Cutibacterium avidum-infected pelvic lymphocele post-lymphadenectomy for endometrial cancer: A case report.
149. Surgical and survival outcomes after robotic and open pancreatoduodenectomy for ampullary cancer: A propensity score-matching comparison.
150. Ehlers-Danlos Syndrome is Associated with Increased Rates of Adjacent Segment Disease Following TLIF: A Propensity Matched Study.
151. Clinical significances of mutations in dihydropteroate synthase in Pneumocystis jirovecii pneumonia among non-HIV-infected patients.
152. Patient-specific instrumentation in total knee arthroplasty: a review of the current literature.
153. Effectiveness and safety of a cement-on-cement removal system for hip and knee arthroplasty revision surgery.
154. Acute dacryocystitis: changing practice pattern over the last three decades at a tertiary care setup.
155. Surgical treatment of carotid blowout syndrome after radiotherapy for head and neck malignant tumors: a single-center experience.
156. Lead Extraction Today: A Matter of Time or a Matter of Way?
157. Empyema thoracic in a neonate co-infected with SARS-CoV-2 and staphylococcus arouse successfully treated with fibrinolysis: a brief report.
158. Complication rates after proximal femoral nailing: does level of training matter?
159. HLA allele-calling using multi-ancestry whole-exome sequencing from the UK Biobank identifies 129 novel associations in 11 autoimmune diseases.
160. Epidemiology of healthcare-associated infections and outcomes among open and robotic pancreatoduodenectomy: A retrospective study from 2013 to 2022.
161. Simultaneous sinus elevation and immediate implant placement without biomaterial: a technical note.
162. Risk analysis and clinical outcomes in chronic limb-threatening ischemia patients with surgical site infection after distal bypass.
163. The incidence and cost implications of surgical site infection following lymph node surgery for skin malignancy.
164. Urinary retention complicated by hematocolpos in an adolescent girl: Case report.
165. Safety and efficacy of high tracheostomy with inferior retraction of the thyroid isthmus.
166. Dissemination of bla(NDM-5)-carrying IncX3-type plasmid among non-clonal Escherichia coli strains colonising a dog with a skin infection caused by a carbapenem-resistant Klebsiella pneumoniae, United Kingdom.
167. Nutrition support considerations in pediatric small bowel transplantation.
168. Genome mining conformance to metabolite profile of Bacillus strains to control potato pathogens.
169. Tetanus in a vaccinated soil expert - a case report.
170. Natural language processing diagnosed behavioural disturbance phenotypes in the intensive care unit: characteristics, prevalence, trajectory, treatment, and outcomes.
171. A combination of annual and nonannual forces drive respiratory disease in the tropics.
172. Single-stage surgical procedure for patients with primary esophageal and lung cancers.
173. Effect of laparoscopic versus open surgery on postoperative wound complications in patients with low rectal cancer: A meta-analysis.
174. Comparison of safety and efficiency between sequential simultaneous bilateral and staged bilateral total knee arthroplasty at a high-volume center: a retrospective cohort study.
175. Influence of antiseptic lavage during tibial plateau leveling osteotomies on surgical site infection in 1422 dogs.
176. Biocontrol of biofilm forming Burkholderia cepacia using a quorum quenching crude lactonase enzyme extract from a marine Chromohalobacter sp. strain D23.
177. A Novel Approach to Reduce Lid Weight in the Upper Eyelid Blepharoplasty: Split-Thickness Excision of the Palpebral Part of Orbicularis Oculi Muscle.
178. Body Mass Index Effect on Minimally Invasive Ventral Hernia Repair: A Systematic Review and Meta-analysis.
179. Molecular subtypes of Adenovirus-associated acute respiratory infection outbreak in children in Northern Vietnam and risk factors of more severe cases.
180. Trachoma risk factors in Oromia Region, Ethiopia.
181. Comparison of two endoscopic perichondrium-cartilage graft underlay myringoplasty for large perforations: a randomized controlled trial.
182. Hydrocephalus in prematurity: does valve choice make a difference?
183. Surgical versus non-surgical interventions for displaced intra-articular calcaneal fractures.
184. The long-term quality of life following liver transplantation in a developing country with a free health care system.
185. The Outcome of Sac Filling With Fibrin Sealant and Gentamicin After Endovascular Aortic Repair of Brucella-Related Aorto-Iliac Artery Aneurysms: A Retrospective Single-Center Study.
186. When the Lung Refuses to Expand: A Deep Dive Into a Pneumothorax Ex Vacuo Case.
187. Uncommon Complications of Cystoscopy: Presentations of Concurrent Perirenal Hematoma and Candida albicans Sepsis.
188. Silastic Joint Arthroplasty as a Joint-Preserving Alternative for End-Stage Hallux Rigidus: Outcomes From 112 First Metatarsophalangeal Joint Arthroplasties.
189. Unveiling the etiology of peritonsillar abscess using next generation sequencing.
190. Assessment of safety during hospitalization for patients undergoing Surgery after neoadjuvant therapy for moderately advanced Esophageal cancer.
191. Middle-term outcome and complications after primary total hip arthroplasty using a contemporary titanium tapered wedge cementless femoral stem.
192. Extended antibiotic therapy is associated with a lower rate of clinically relevant postoperative pancreatic fistula after pancreatoduodenectomy in intermediate- and high-risk patients: A single-institution analysis.
193. Multiomics Analysis Provides Novel Pathways Related to Progression of Heart Failure.
194. Does Alexis© wound protector/retractor reduce the risk of surgical site infections after open radical cystectomy for bladder cancer? Results from a single center, comparative study.
195. The Definition of Anemia Matters when Using Preoperative Hemoglobin as a Screening Tool Prior to Total Hip and Knee Arthroplasty.
196. ε-Poly-l-lysine-hydroxyphenyl propionic acid/IL-4 composite hydrogels with inflammation regulation and antibacterial activity for improving integration stability of soft tissues and orthopedic implants.
197. Effectiveness and safety of knotless barbed sutures in cosmetic surgery: A systematic review and meta-analysis.
198. Predictors of mortality in periprosthetic fractures of the hip: Results from the national PPF study.
199. The effect of clopidogrel treatment on osseointegration of titanium implants. A histomorphometric study in rabbits.
200. Polycythemia as an Underlying Cause of Digital Gangrene: A Rare and Unusual Case Presentation.
201. Use of a Skin-Covering Pocket as a Local Flap and Negative Pressure Wound Therapy with Instillation and Dwell Time/Negative Pressure Wound Therapy for the Treatment of Diabetic Foot Ulcer with Calcaneal Osteomyelitis: A Case Report.
202. Effect of transverse colostomy versus ileostomy in colorectal anastomosis on post-operative wound complications: A meta-analysis.
203. Simultaneous subcutaneous implantable cardioverter-defibrillator and leadless pacemaker implantation for patients at high risk of infection: a retrospective case series report.
204. [Epiphysiolysis of the medial clavicle with posterior dislocation : Video article].
205. Dynamic hip screw in proximal femoral fractures followed by "single-stage" hip arthroplasty-retrospective analysis.
206. High Survivorship of Hybrid Fixation Technique in Aseptic Condylar Revision Total Knee Arthroplasty with Minimal Metaphyseal Bone Loss: 5-10 Year Clinical Outcomes.
207. HEALTHCARE-ASSOCIATED BACTERIAL VAGINOSIS AFTER GYNECOLOGICAL SURGERIES AND ASSOCIATED ADVERSE PREGNANCY OUTCOME IN UKRAINE.
208. Simultaneous versus staged bilateral carpal tunnel release via open and endoscopic surgeries: a retrospective propensity score-matched patient comorbidity analysis.
209. Reducing the rate of surgical site infection using iodophor-impregnated adhesive incision draping in spine surgery compared with standard adhesive incision draping: a study in 2279 patients.
210. Local Antibiotic Therapy for Open Long Bone Fractures: Appropriate Prophylaxis or Unnecessary Exposure for the Orthopedic Trauma Patient?
211. When surgical option is not provided: a successful multidisciplinary approach to a refractory case of sternal osteomyelitis following coronary surgery.
212. Use of the Kono-S anastomosis in pediatric Crohn's disease: a single-institution experience.
213. Safety of immediate open traumatic extensor tendon repair performed at an emergency department minor procedure room.
214. [Corrective osteotomies around the knee joint using hexapods].
215. Occupational Etiology of Oropharyngeal Cancer: A Literature Review.
216. Hemoglobin A1c as a Predictor of Surgical Site Infection in Patients With Orthopaedic Trauma.
217. Triple suture fixation for displaced comminuted olecranon fracture with a stable ulnohumeral joint.
218. Efficacy and safety of surgical excision and reconstruction combined with radiotherapy for huge keloids: A 13-year experience.
219. Treatment For Infected Frozen Elephant Trunk Prosthesis Caused by Propionibacterium acnes: A Surgical Challenge.
220. Biallelic CRELD1 variants cause a multisystem syndrome including neurodevelopmental phenotypes, cardiac dysrhythmias, and frequent infections.
221. Effect of segmental versus lobectomy in minimally invasive surgery on postoperative wound complications in lung cancer patients: A meta-analysis.
222. A Retrospective Analysis of Emergency Obstetric Hysterectomy: A Life-Saving Intervention.
223. Aggressive angiomyxoma of the epididymis: A case report.
224. "In situ bone flap" combined with vascular pedicled mucous flap to reconstruction of skull base defect.
225. Unusual presentation of penile giant condyloma acuminatum with spontaneous prepuce perforation: A case report.
226. Therapeutic drug monitoring of vancomycin and meropenem: illustration of the impact of inaccurate information in dose administration time.
227. Microvascular Replantation for partial auricle Amputation: Only Arterial anastomoses and Acupuncture Bloodletting.
228. Development of antibacterial neural stimulation electrodes via hierarchical surface restructuring and atomic layer deposition.
229. Complications and Functional Voice Limitations Following Gender-Affirming Laryngeal Surgery (GALS).
230. Use of a subpalpebral lavage system as salvage therapy for Pseudomonas aeruginosa panophthalmitis due to an infected scleral buckle.
231. Angiogenesis and eosinophilia in the nasal mucosa of patients with different clinical phenotypes of chronic rhinosinusitis.
232. A Systematic Review of Data Collection by National Joint Replacement Registries: What Opportunities Exist for Enhanced Data Collection and Analysis?
233. Phage therapy: Awareness and demand among clinicians in the United Kingdom.
234. Posterior cerebral territory ischemia in pediatric moyamoya: Surgical techniques and long-term clinical and radiographic outcomes.
235. Enhancement of in vitro antibacterial activity and bioactivity of iodine-loaded titanium by micro-scale regulation using mixed-acid treatment.
236. Intralobar Pulmonary Sequestration: A Case Report.
237. The Sunlight-Vitamin D Connection: Implications for Patient Outcomes in the Surgical Intensive Care Unit.
238. Delayed Diagnosis of an Invisible Seizure: Cefepime-Induced Non-convulsive Status Epilepticus.
239. Flanged Bentall procedure for paravalvular leakage and pseudoaneurysm after root replacement in Behcet's disease and infective endocarditis: a case report.
240. Evaluating the Potential of a New Low-Profile Urinary Catheter in Preventing Catheter-Associated Urinary Tract Infections: A Prospective Randomized Blinded Clinical Trial.
241. The Device for Intraventricular Entry guide: a novel solution to a perpetual problem.
242. Identification and Analysis of the Ankle Microbiome Using Next-Generation DNA Sequencing: An Observational Analysis.
243. Preclinical safety evaluation of continuous UV-A lighting in an operative setting.
244. Alternaria fungal dacryocystitis with cutaneous fistula: a case report.
245. The Evolution of Surgical Technique in Spinal Cord Stimulation: A Scoping Review.
246. Early outcomes of open anterior versus posterior components separation with transversus abdominis release for large median incisional hernias: a retrospective stepwise analysis.
247. Synergistic properties of linezolid against Enterococcus spp. isolates: a systematic review from in vitro studies.
248. The Effect of Aspiration and Corticosteroid Injection After ACL Injury on Postoperative Infection Rate.
249. First reported case of ANCA-associated vasculitis induced by oxaliplatin, capecitabine, and trastuzumab.
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Guidelines / Prevention Practice

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Breast Surgery

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Mupirocin resistance

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Competitors

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Economic News

Covid-19

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2. Diagnostic delay, comorbid hidradenitis suppurativa and the prognostic value of bacterial culture in folliculitis decalvans: A cohort study.
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10. An apparent lack of synergy between degradative enzymes against Staphylococcus aureus biofilms.
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13. An organotypic oral mucosal infection model to study host-pathogen interactions.
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28. Sequential Anti-Infection and Proangiogenesis of DMOG@ZIF-8/Gelatin-PCL Electrospinning Dressing for Chronic Wound Healing.
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