**XF-73 Nasal Literature Review**

**Period: 24/01/2024 – 24/02/2024**

[Scientific Highlights 1](#_Toc147398408)

[SA Decolonisation 1](#_Toc147398409)

[SA/MRSA Colonisation / Infection 1](#_Toc147398410)

[Guidelines / Prevention Practice 1](#_Toc147398411)

[Breast Surgery 2](#_Toc147398412)

[Mupirocin resistance 2](#_Toc147398413)

[Competitors 2](#_Toc147398414)

[Economic News 2](#_Toc147398415)

[Covid-19 2](#_Toc147398416)

[Other news of possible interest 2](#_Toc147398417)

Scientific Highlights

1. Carriage of methicillin-resistant Staphylococcus aureus in children <6 years old: a retrospective follow-up study of the natural course and effectiveness of decolonization treatment.

SA Decolonisation

1. Infectious Pulmonary Diseases.
2. Atopic dermatitis pediatric patients show high rates of nasal and intestinal colonization by methicillin-resistant Staphylococcus aureus and coagulase-negative staphylococci.
3. Microbiological isolates and associated complications of dacryocystitis and canaliculitis in a prominent tertiary ophthalmic teaching hospital in northern China.
4. Methicillin-resistant Staphylococcus spp. investigation in hospitalized horses and contacting personnel in a teaching veterinary hospital.
5. Co-colonization of methicillin-resistant Staphylococcus aureus and Candida spp. in children with malignancies.
6. Reduced Proliferative Capacity and Defense against Staphylococcus aureus in Human Nasal Mucosal Epithelium Lacking ZNF365.
7. In vitro photoinactivation effectiveness of a portable LED device aimed for intranasal photodisinfection and a photosensitizer formulation comprising methylene blue and potassium iodide against bacterial, fungal, and viral respiratory pathogens.
8. Surveillance of bacterial carriage in the nose and hands of healthcare workers and patients attending maternity and children's hospital.
9. Association Between Staphylococcus Aureus Colonization and Pediatric Atopic Dermatitis: A Systematic Review and Meta-Analysis.
10. Bacterial and Candida Colonization of Neonates in a Regional Hospital in South Africa.
11. Utilization of Methicillin-resistant Staphylococcus aureus Nasal Swabs for Antimicrobial Stewardship: What About Hospitalized Children With Osteomyelitis?

SA/MRSA Colonisation / Infection

1. The impact of two radical sternectomy surgical techniques on the outcome of deep sternal wound infections.
2. 3D printing assisted MIPO for treatment of complex middle-proximal humeral shaft fractures.
3. A social media analysis of patient-perceived complications following periacetabular osteotomy (PAO): a retrospective observational study.
4. Prevalence and mortality rate of abdominal surgical emergencies in Sub-Saharan Africa: a systematic review and meta-analysis.
5. Spinal adhesive arachnoiditis in an adult patient with spinal muscular atrophy type 3 treated with intrathecal therapy.
6. Sexual Health in Sexual and Gender Minority Patients with Inflammatory Bowel Disease.
7. Sex Differences in Epidemiological Distribution and Outcomes of Surgical Mitral Valve Disease.
8. Safety and Outcome Measures of Ankle Open Reduction and Internal Fixation in an Ambulatory Surgical Center.
9. Tension Side Fixation for Lapidus Arthrodesis. A Retrospective Analysis.
10. The Effect of Limb Salvage Efforts in Different Age Groups: Relationships Between Major and Minor Amputations.
11. Accuracy of the GeneXpert® MRSA/SA SSTI test to diagnose methicillin-resistant Staphylococcus spp. infection in bone fixation and fusion and management of infected non-unions.
12. Clinical Relevance of Lepidoglyphus destructor Sensitisation in Allergic Rhinitis: Nasal Provocation Test as in vivo Assessment.
13. Distally based Chinese forearm flap in preventing impending necrosis from ring entrapment: Surgical case report.
14. Small bowel volvulus associated with percutaneous endoscopic gastrojejunostomy tube: A case report.
15. SARS-CoV-2 viral clearance and evolution varies by type and severity of immunodeficiency.
16. Impact of Metabolic Syndrome on Post-Operative Infection in Patients Undergoing Flexible Ureteroscopy Lithotripsy.
17. The role of patient positioning in surgical fixation of the calcaneus fractures using the lateral extensile approach.
18. Ileal perforation involvement in Wegener granulomatosis comorbid with COVID-19 infection: A case report and review of the literature.
19. Laparoscopic total mesorectal excision versus transanal total mesorectal excision for mid and low rectal cancer: A systematic review and meta-analysis.
20. Impact of Preoperative Diabetes Mellitus on Postoperative Outcomes in Elective Pancreatic Surgery and Its Implications for Prehabilitation Practice.
21. In vivo confocal microscopy evaluation of infiltrated immune cells in corneal stroma treated with cell therapy in advanced keratoconus.
22. The Impact of Climate Change on Aeromedical Retrieval Services in Remote Northern Australia: Planning for a Hotter Future.
23. Repair of Infected Bone Defects with Hydrogel Materials.
24. Antibody Response Following the Intranasal Administration of SARS-CoV-2 Spike Protein-CpG Oligonucleotide Vaccine.
25. The Effectiveness of Adipose Tissue-Derived Mesenchymal Stem Cells Mixed with Platelet-Rich Plasma in the Healing of Inflammatory Bowel Anastomoses: A Pre-Clinical Study in Rats.
26. Highlighting New Perspectives on Musculoskeletal Infections.
27. Evaluation of a New Standardized Nasal Sampling Method for Detection of SARS-CoV-2 RNA via RT-PCR.
28. Antibiotic Resistance to Molecules Commonly Prescribed for the Treatment of Antibiotic-Resistant Gram-Positive Pathogens: What Is Relevant for the Clinician?
29. The Peri-Implant Microbiome-A Possible Factor Determining the Success of Surgical Peri-Implantitis Treatment?
30. The Evolution of Spinal Endoscopy: Design and Image Analysis of a Single-Use Digital Endoscope Versus Traditional Optic Endoscope.
31. Performance Evaluation of the STANDARD i-Q COVID-19 Ag Test with Nasal and Oral Swab Specimens from Symptomatic Patients.
32. Dog Bite Injury: Rusk Became a Risk - A Case Report.
33. Deroofing: A safe, effective and well-tolerated procedure in patients with hidradenitis suppurativa.
34. Allogeneic "Zombie Cell" as Off-The-Shelf Vaccine for Postsurgical Cancer Immunotherapy.
35. Non-surgical rhinoplasty through minimal invasive nose thread procedures: Adverse effects and prevention methods.
36. Surgical site infections after glioblastoma surgery: boon or bane?
37. Surgical treatment for severe pediatric tracheobronchomalacia: the 20-year experience of a single center.
38. Infant ustekinumab Clearance, Risk of Infection, and Development after exposure during pregnancy.
39. Oxygen debt as a predictor of high-flow nasal cannula therapy failure in SARS-CoV-2 patients with acute respiratory failure: A retrospective cohort study.
40. Conventional and multi-omics assessments of subacute inhalation toxicity due to propylene glycol and vegetable glycerin aerosol produced by electronic cigarettes.
41. Insights into the role of the respiratory tract microbiome in defense against bacterial pneumonia.
42. The influence of preoperative e intraoperative factors in predicting postoperative morbidity and mortality in perforated diverticulitis: a systematic review and meta-analysis.
43. Urinary tract dilation classification system for predicting surgical management and urinary tract infection in neonates and young infants: a systematic review and meta-analysis.
44. Perinatal colonization with extended-spectrum beta-lactamase-producing and carbapenem-resistant Gram-negative bacteria: a hospital-based cohort study.
45. Multifaceted surgical approach of combined thoracoretroperitoneal incision and midline abdominal incision for a secondary aortoenteric fistula.
46. Comparison of percutaneous nephrolithotomy and flexible ureterorenoscopy in the treatment of single upper ureteral calculi measuring 1 to 2 centimeters: a retrospective study.
47. Results of uretero-ureteral anastomosis in pathological duplex kidney.
48. Reconstruction of the orbitozygomatic framework: state of the art and perspectives.
49. Automated traffic monitoring of Neurosurgical Operating Room.
50. [Standardized risk-based antibiotic prophylaxis and adhesive film dressing for the prevention of wound infection following cochlear implantation].
51. [Postauricular hairline plus temporal approach gasless full-endoscopic parotidectomy for tumors in deep lobe of parotid gland: a 16-case report].
52. Prognostic factors after open and endovascular repair for infective native aneurysms of the abdominal aorta and common iliac artery.
53. Endogenous Fungal Endophthalmitis: A Single-Center Retrospective Study and Review of the Literature.
54. Antimicrobial resistance in genital Mycoplasmas infections.
55. Long-Term Impact of COVID-19 related disruption of NHS Elective services on Emergency Major Lower Limb Amputations.
56. Polyhexanide based contact lens storage fluids frequently exhibit insufficient antifungal activity against Fusarium species.
57. Brachial artery aneurysm after hemodialysis fistula ligation: Case reports and review of literature.
58. Mucormycosis mimicking portal hypertensive haemorrhage as a complication of alcoholic liver cirrhosis: a case report.
59. Early encapsulation of peripancreatic fluid/necrosis collections on imaging (CECT) in acute pancreatitis: influential factors and clinical significance for prognosis.
60. Editorial comment to Lower bleeding volume contributes to decreasing surgical site infection in radical cystectomy: A propensity score-matched comparison of open versus robot-assisted radical cystectomy.
61. Surgical treatment of clinically infected mandibular fractures.
62. Clinical and molecular epidemiological features of critically ill patients with invasive group A Streptococcus infections: a Belgian multicenter case-series.
63. Protocol for fever control using external cooling in mechanically ventilated patients with septic shock: SEPSISCOOL II randomised controlled trial.
64. Blood loss during HPB procedures.
65. [Retrospective clinical study of hip replacement in the treatment of traumatic arthritis secondary to acetabular fracture].
66. [Meta-analysis of the role of fibular fixation in tibiofibular fractures].
67. [Short-term clinical efficacy observation of lesion removal, bone graft fusion, and external brace treatment for late-stage wrist tuberculosis].
68. [Retrospective analysis and comparison of total internal disability preservation technique and standardized reconstruction technique].
69. Inhibition of multiple SARS-CoV-2 variants entry by Lycium barbarum L. polysaccharides through disruption of spike protein-ACE2 interaction.
70. Proposal for a screening protocol for Candida auris colonization.
71. A Multi-Centre, Randomized Controlled Trial Comparing a Second-Generation Uncemented Trabecular Metal-backed versus Cemented Polyethylene Glenoid Component in Total Shoulder Arthroplasty: Five-year Results.
72. Role and intervention of PAD4 in NETs in acute respiratory distress syndrome.
73. Salvage treatment of acute respiratory failure after autogenous tissue flap transplantation for chronic empyema with chest wall sinus: a case report and literature review.
74. Clinical features and outcomes of influenza and RSV coinfections: a report from Canadian immunization research network serious outcomes surveillance network.
75. Surgical Versus Dilational Tracheostomy in Patients with Severe Stroke: A SETPOINT2 Post hoc Analysis.
76. Maximal medical treatment of adenoid hypertrophy: a prospective study of preschool children.
77. An exploratory prospective phase II study of preoperative neoadjuvant bevacizumab and temozolomide for newly diagnosed glioblastoma.
78. Omicron Spike confers enhanced infectivity and interferon resistance to SARS-CoV-2 in human nasal tissue.
79. Alternative therapy for acute appendicitis with appendicolith using traditional Chinese medicine: A case report.
80. Hand-sewn gastrojejunal anastomosis reduces delayed gastric emptying after pancreaticoduodenectomy: A single-center retrospective clinical study of 1,077 consecutive patients.
81. The Hidden Risks of Perioperative Transfusions in Traumatic Lower Extremity Free Flap Reconstruction.
82. A case report on the development of sacroiliitis post laparoscopic appendicectomy for acute appendicitis: a rare cause of sacroiliitis in an adult.
83. Risk factors for abdominal surgical infectious complications after distal gastrectomy for gastric cancer: A post-hoc analysis of a randomized controlled trial (JCOG0912).
84. IL-17 and IFN-γ-producing respiratory tissue resident memory CD4 T cells persist for decades in adults immunized as children with whole cell pertussis vaccines.
85. Peak insulin drip rate associated with decreased infections post-solid organ transplant.
86. Percutaneous Fluoroscopy-guided Retrieval of a Fractured Pelvic Drain after Caesarean Section: A Case Report.
87. Chronic Otitis Media among Patients Visiting Community-Based Static Outreach Clinics.
88. Multidrug Resistance among Patients with Surgical Site Infection in a Tertiary Care Centre.
89. ALT in combination with triple-rolled TFL for reconstruction of a complex tendoachilles defect: technical details and rehabilitation regime.
90. An unexpected case of thoracic necrotising fasciitis.
91. Tuberculosis of head and neck region, our experience at a tertiary care center in Gujarat.
92. [Risk factors of cytomegalovirus infection in patients with failed corneal grafts].
93. [Clinical effect of modified vertical rectus abdominis myocutaneous flap in repairing skin and soft tissue defects after abdominoperineal resection for rectal cancer].
94. [Properties of gelatin-polyethylene glycol hydrogel loaded with silver nanoparticle Chlorella and its effects on healing of infected full-thickness skin defect wounds in mice].
95. Higher complication rates following primary total shoulder arthroplasty in patients presenting from areas of higher social deprivation.
96. A foreign body that has been left for 20 years causes a pseudoaneurysm of the middle cerebral artery: a case report.
97. Comparative study on the technique and efficacy of microscope-assisted MI-TLIF and naked-eye MI-TLIF in lumbar revision surgery.
98. Comparison of the effect between cefazolin/cefuroxime and broad-spectrum antibiotics in preventing post-operative pulmonary infections for smoking patients receiving video-assisted thoracoscopic lung surgery: a propensity score-matched retrospective cohort study.
99. Do surgical drains reduce the postoperative surgical complications following incisional hernia repair? A systematic meta-analysis.
100. The impact of opioid versus non-opioid analgesics on postoperative pain level, quality of life, and outcomes in ventral hernia repair.
101. Subtrochanteric Osteotomy in Direct Anterior Approach Total Hip Arthroplasty for Crowe IV Dysplasia-Surgical Technique and Literature Review.
102. Case Report: Pericardial Actinomycosis in a 79-Year-Old Man with Poor Dental Hygiene.
103. A hospital-based asynchronous ENT telehealth service for children with otitis media: Cost-minimisation and improved access.
104. Skin Antisepsis before Surgical Fixation of Extremity Fractures.
105. A prospective clinical trial of diathermy ablation for patients with high-grade cervical intraepithelial neoplasia from a single institution in Japan.
106. Ankle arthroscopy does not elevate complication rates in ankle fractures.
107. Host antimicrobial peptide S100A12 disrupts the fungal membrane by direct binding and inhibits growth and biofilm formation of Fusarium species.
108. Long-Term Outcomes of Autologous Vein Bypass for Repair of Upper and Lower Extremity Major Arterial Trauma.
109. A neonatal piglet model reveals interactions between nasal microbiota and influenza A virus pathogenesis.
110. Social Determinants of Health Associated With the Need for Urgent Versus Elective Cholecystectomy at an Urban, Safety-Net Hospital.
111. Idiopathic True Radial Artery Aneurysm: A Rare Case Report.
112. Addressing Antimicrobial Properties in Guided Tissue/Bone Regeneration Membrane: Enhancing Effectiveness in Periodontitis Treatment.
113. The impact of anticholinergic burden on clinical outcomes in older hospitalised surgical patients.
114. A comparative study between open pre-peritoneal approach versus laparoscopic trans-abdominal pre-peritoneal approach in recurrent inguinal hernia repair: a prospective cohort study.
115. The Utilization of Preoperative Steroids Safely Decreases the Risk of Postoperative Delirium in Geriatric Patients after Hip Fracture Surgery: A Systematic Review and Meta-Analysis of Randomized Controlled Trials.
116. What Is a Surgical Site Infection After Carpal Tunnel Release?
117. [Treatment of pleural space infections].
118. Limitations of antifungal prophylaxis in preventing invasive Candida surgical site infections after liver transplant surgery.
119. 7.5Fr mini flexible ureteroscope in RIRS: initial results from a multi-center randomized controlled trail.
120. Does Dressing Choice Affect Infection Rate in Percutaneous K-Wiring of the Hand and Wrist? - A Systematic Review.
121. A unilateral external fixator combined with bone transport and tibio-talar fusion for the treatment of severe postoperative infection of peri-ankle fractures: retrospective analysis of 32 cases.
122. Phage therapy as a glimmer of hope in the fight against the recurrence or emergence of surgical site bacterial infections.
123. Comparison between the open and the laparoscopic approach in the primary ventral hernia repair: a systematic review and meta-analysis.
124. The Clinical Significance of Unplanned Coronary Artery Bypass Grafting in Aortic Root Replacement.
125. The evolution of Incisional Hernia Repair in Spain A comparative analysis of results from the EVEREG Registry.
126. Prediction Models for Forecasting Risk of Development of Surgical Site Infection After Lower Limb Revascularization Surgery: A Systematic Review.
127. Contemporary Outcomes of Grade-C Postoperative Pancreatic Fistula in a Nationwide Database.
128. Lung carcinoma with diffuse cysts repeatedly misdiagnosed as pulmonary infections and lymphoid interstitial pneumonia: A case report.
129. Surgically Induced Scleritis Associated With Suture Hypersensitivity Following Strabismus Surgery.
130. Ventral mesh rectopexy for recurrent rectal prolapse after Altemeier perineal proctosigmoidectomy: feasibility and outcomes.
131. Results of robotic liver surgery in association with IWATE criteria - the first 100 cases.
132. Is TAPP the Right alternative for patients undergoing emergency surgery for incarcerated inguinal hernia?
133. Rates of adverse events in patients with ulcerative colitis undergoing colectomy during treatment with tofacitinib vs biologics: a multicenter observational study.
134. The outcome of closure of inguinal hernia with laparoscopic percutaneous extraperitoneal closure in young adults.
135. Factors affecting duration of stay in the intensive care unit after coronary artery bypass surgery and its impact on in-hospital mortality: a retrospective study.
136. Risk factors for prolonged postoperative ICU stay in the patients with Stanford type A aortic dissection.
137. Using unsupervised machine learning to classify behavioral risk markers of bacterial vaginosis.
138. [Standard technical specifications for methacholine chloride (Methacholine) bronchial challenge test (2023)].
139. Diagnosing and Managing Infection in Total Ankle Replacement.
140. Sex differences in surgical site infections following Coronary Artery Bypass Grafting. A retrospective observational study.
141. In adult X-CGD patients, regulatory T cells are expanded while activated T cells display a NOX2-independent ROS increase.
142. Current Approaches to Wound Repair in Burns: How far we Have Come From Cover to Close? A Narrative Review.
143. Endoscopic combined intrarenal surgery for successful removal of an encrusted ureteral stent and multiple renal stones in solitary kidney: A case report.
144. Long-term outcome of treatment-naïve patients with mesial temporal lobe epilepsy with hippocampal sclerosis: A retrospective study in a single center.
145. Is transumbilical laparoscopic-assisted appendectomy feasible for complicated appendicitis? A single-center experience.
146. No increased risk of postoperative adverse events in total joint replacement patients with hidradenitis suppurativa.
147. Corticosteroid Injections Administered Within Four Weeks Prior to Hip Arthroscopy are Associated with Higher Rates of Postoperative Infection.
148. Surgical outcome of pharmaco refractory epilepsy in the National Epilepsy Center of Sri Lanka.
149. Mucormycosis after CD19 chimeric antigen receptor T-cell therapy: results of a US Food and Drug Administration adverse events reporting system analysis and a review of the literature.
150. Increased risk of periprosthetic joint infection after traumatic injury in joint revision patients.
151. Association between HbA1c and deep sternal wound infection after coronary artery bypass: a systematic review and meta-analysis.
152. [The application of full-length urethral preservation without anastomosis in single-port laparoscopic radical prostate cancer].
153. Trends in the mortality of intra-abdominal infections in adults over 25 years in the USA, 1999-2021.
154. Treatment of L5-S1 Floating Calcified Lumbar Disc Herniation with Percutaneous Endoscopic Interlaminar Discectomy.
155. Methylprednisolone Taper is an Effective Addition to Multimodal Pain Regimens after Total Shoulder Arthroplasty: Results of a Randomized Controlled Trial: 2022 Neer Award Winner.
156. Interim Use of Antibiotic-loaded Cement Spacer for Patients with Infected Cervical Fusion.
157. Antibiotic definitive treatment in ventilator associated pneumonia caused by AmpC-producing Enterobacterales in critically ill patients: a prospective multicenter observational study.
158. Postoperative infectious complications worsen oncologic outcomes following pancreaticoduodenectomy for pancreatic ductal adenocarcinoma.
159. Comparative analyses of Netherton syndrome patients and Spink5 conditional knock-out mice uncover disease-relevant pathways.
160. Safety of limb lengthening after Roux-en-Y gastric bypass: an analysis of the MBSAQIP database.
161. Regulation of Immune Inflammation and Promotion of Periodontal Bone Regeneration by Irisin-Loaded Bioactive Glass Nanoparticles.
162. Profiles of Cough and Associated Risk Factors in Nonhospitalized Individuals With SARS-CoV-2 Omicron Variant Infection: Cross-Sectional Online Survey in China.
163. Identification of Potentially Modifiable Factors to Improve Recognition and Outcome of Necrotizing Soft-Tissue Infections.
164. The relationship between posttonsillectomy bleeding to hemogram and coagulation parameters.
165. Complications after total wrist arthroplasty.
166. Complications of operatively treated distal radial fractures.
167. State of the art review. Complications after carpal tunnel release.
168. Efficacy of a topical formulation containing eprinomectin, esafoxolaner and praziquantel (NexGard(®) Combo) in the treatment of natural respiratory capillariosis of cats.
169. Tibial fractures treated with mono-lateral fixation: Principles of design and application.
170. Mycobacterium flavescens Infection - An Unusual Case of Prosthetic Joint Infection.
171. Gigantic aneurysmal bone cyst of the scapula in children treated with left total scapulectomy and humeral suspension: A case report.
172. Mucocutaneous histoplasmosis as the first manifestation of AIDS.
173. Laparoscopic polyglycolic acid spacer placement for locally recurrent rectal cancer.
174. Safety and efficacy of stoma site selection in CT-guided percutaneous gastrostomy: a retrospective analysis.
175. Comparison of hand-sewn anterior repair, resection and hand-sewn anastomosis, resection and stapled anastomosis techniques for the reversal of diverting loop ileostomy after low anterior rectal resection: a randomized clinical trial.
176. Epidemiology and clinical characteristics of patients with healthcare-acquired multidrug-resistant Gram-negative bacilli: a retrospective study from a tertiary care hospital.
177. Potent and broadly neutralizing antibodies against sarbecoviruses induced by sequential COVID-19 vaccination.
178. Term neonate born with right upper extremity skin necrosis at Birth: A Case Report.
179. Healthcare associated infection management in 62 intensive care units for patients with congenital heart disease in China, a survey study.
180. Commentary Regarding "Outcomes of Immediate Multistaged Abdominal Wall Reconstruction of Infected Mesh: Predictors of Surgical Site Complications and Hernia Recurrence".
181. Perioperative quality indicators among neurosurgery patients: A retrospective cohort study of 1142 cases at a tertiary center.
182. Fecal microbiota transplantation before liver transplant in patient colonized with New Delhi metallo-beta-lactamase: Are we ready for a sequential approach?
183. Hearing preservation in paediatric cochlear implantation with the Nucleus Slim Straight Electrode - our experience.
184. A self-activating electron transfer antibacterial strategy: Co(3)O(4)/TiO(2) P-N heterojunctions combined with photothermal therapy.
185. Procalcitonin for the diagnosis of postoperative bacterial infection after adult cardiac surgery: a systematic review and meta-analysis.
186. Ocular syphilis masquerading as refractory retinal diseases.
187. Duraplasty using a combination of a pedicled dural flap and collagen matrix in posterior fossa decompression for pediatric Chiari malformation type 1 with syrinx.
188. Understanding the use and outcomes of high-flow nasal cannula among infants admitted to Canadian hospitals with bronchiolitis (CanFLO): a protocol for a multicentre, retrospective cohort study.
189. Plasma Concentration of Antifungal Agent Micafungin for Pediatric Living Donor Liver Transplantation.
190. Scedosporium boydii finding in an immunocompromised patient and review of the literature.
191. [Application of modified urethral separation method in artificial urethral sphincter implantation and its influence on intraoperative urethral pressure profilometry].
192. On the potential role of naturally occurring carboxylic organic acids as anti-infective agents: opportunities and challenges.
193. [Translated article] Predictors of first-year postoperative complications after fixation of low-energy ankle fractures: A single-center, retrospective cohort study of 663 consecutive fractures.
194. A blunt traumatic giant pseudoaneurysm of the brachiocephalic artery: A case report from Somalia.
195. Primary preputial reconstruction following surgical excision of cutaneous mast cell tumours without penile amputation in eight dogs.
196. IMPACT OF HELICOBACTER PYLORI ON EARLY POSTOPERATIVE COMPLICATIONS AFTER SLEEVE GASTRECTOMY: A SYSTEMATIC REVIEW AND META-ANALYSIS.
197. LAPAROSCOPIC RIGHT AND LEFT COLECTOMY: WHICH PROVIDES BETTER POSTOPERATIVE RESULTS FOR ONCOLOGY PATIENTS?
198. Antibiotics prophylaxis at the time of catheter removal after radical prostatectomy: a systematic review of the literature and meta-analysis.
199. Robotics and Navigation Do Not Affect the Risk of Periprosthetic Joint Infection Following Primary Total Hip Arthroplasty: A Propensity Score-Matched Cohort Analysis.
200. Effect of continuous drainage of cranial arachnoid cysts into the ventricular system by stereotactic placed catheters.
201. Incidence and risk factors of stress urinary incontinence after laparoscopic hysterectomy.
202. Anti-Donor T-Cell Responses Are Not Necessarily Attenuated During Cytomegalovirus Infection in Kidney Transplant Recipients.
203. Association of Abdominal Aortic Calcification With the Postoperative Metabolic Syndrome Components After Liver Transplantation.
204. Racial Disparities in Treatment and Outcomes of Patients with Hepatitis C Undergoing Elective Total Joint Arthroplasty.
205. A Multicentre Observational Study to Investigate Feasibility of a Direct Oral Penicillin Challenge in De-labelling 'Low Risk' Patients with Penicillin Allergy by Non-Allergy Healthcare Professionals (SPACE study) - implications for healthcare systems.
206. Coxsackievirus B3 HFMD animal models in Syrian hamster and rhesus monkey.
207. Inverted Placement of Endoscopic One-Way Endobronchial Valve Combined with Gelfoam in the Closure of Bronchopleural Fistula with Empyema in a Mechanically Ventilated Patient: A Case Report.
208. Autoantibody profiles assessment in individuals with persistent olfactory impairment following SARS-CoV-2 infection.
209. Development and Validation of a Novel Nomogram Model for Early Diagnosis of Anastomotic Leakage After Laparoscopic Colorectal Cancer Surgery.
210. Plasma Microbial Cell-Free DNA Sequencing for Pathogen Detection and Quantification in Children with Musculoskeletal Infections.
211. Evaluation of the 2023 Duke-ISCVID criteria in a multicenter cohort of patients with suspected infective endocarditis.
212. Scalp wound management: a narrative review from a neurosurgical perspective.
213. Impact of haemoglobin A1c on wound infection in patients with diabetes with implanted synthetic graft.
214. Drugs for treating infections caused by non-tubercular mycobacteria: a narrative review from the study group on mycobacteria of the Italian Society of Infectious Diseases and Tropical Medicine.
215. Incidence and predictors of acute kidney injury after elective surgery for lumbar degenerative disease: A 13-year analysis of the US Nationwide Inpatient Sample.
216. Clinical Outcomes of Protocolized Antibiotic Dosing in Critically Ill Surgical Patients With Bacteremia and Augmented Renal Clearance Compared With Critically Ill Surgical Patients Without Augmented Renal Clearance.
217. NAA10 gene related Ogden syndrome with obstructive hypertrophic cardiomyopathy: A rare case report.
218. Mucosal and systemic immune correlates of viral control after SARS-CoV-2 infection challenge in seronegative adults.
219. The impact of submucosal PRP injection on wound healing after endoscopic sinus surgery: a randomized clinical trial.
220. The Trajectory of Oral Mucositis in Head and Neck Cancer Patients Undergoing Radiotherapy and its Influencing Factors.
221. Treatments for Morton's neuroma.
222. DETECTION AND PHYLOGENETIC ANALYSIS OF ORF VIRUS AND MUSKOX RHADINOVIRUS 1 FROM MUSKOXEN (OVIBOS MOSCHATUS) IN THE CANADIAN ARCTIC.
223. Diagnosis and treatment of carotid-left subclavian bypass graft infection complicated with mitral valve aneurysm and perforation following hybrid TEVAR: A case report.
224. The Global Prevalence of Methicillin-Resistant Staphylococcus Aureus in Patients with Diabetic Foot Ulcers: A Systematic Review and Meta-Analysis.
225. Unplanned reoperation is common following intramedullary nailing of open femoral shaft fractures: A retrospective review.
226. Bilateral Vocal Cord Palsy Secondary to Rheumatoid Arthritis.
227. Upward-directed exit-site of the swan-neck catheter and "Easy-to-disinfect the backside area of exit-site" may prevent PD complications.
228. An infective endocarditis complicated by multiple septic emboli: case report.
229. The effect of HIV on patients' lives: a phenomenological qualitative study.
230. A Systematic Review on Clinical and Health-Related Quality of Life Outcomes following Total Gastrectomy in Patients with Hereditary Diffuse Gastric Cancer.
231. Mucus Structure, Viscoelastic Properties, and Composition in Chronic Respiratory Diseases.
232. Mucosal Immunity of Major Gastrointestinal Nematode Infections in Small Ruminants Can Be Harnessed to Develop New Prevention Strategies.
233. In Vitro Assessment of Cortisol Release Inhibition, Bioaccessibility and Bioavailability of a Chemically Characterized Scutellaria lateriflora L. Hydroethanolic Extract.
234. Early Biofilm Formation on the Drain Tip after Total Knee Arthroplasty Is Not Associated with Prosthetic Joint Infection: A Pilot Prospective Case Series Study of a Single Center.
235. Two-Stage Exchange Arthroplasty for Periprosthetic Reverse Shoulder Arthroplasty Infection Provides Comparable Functional Outcomes to Primary Reverse Shoulder Arthroplasty.
236. Inpatient Outcomes of Patients Undergoing Robot-Assisted versus Laparoscopic Radical Cystectomy for Bladder Cancer: A National Inpatient Sample Database Study.
237. Comparison of the Analgesic Efficacy between Levobupivacaine 0.25% and Ropivacaine 0.375% for PENG (Pericapsular Nerve Group) Block in the Context of Hip Fracture Surgery of Elderly Patients: A Single-Center, Randomized, and Controlled Clinical Trial.
238. Management of Advanced Peri-Implantitis by Guided Bone Regeneration in Combination with Trabecular Metal Fixtures, Two Months after Removal of the Failed Implants: Two-Year Results of a Single-Cohort Clinical Study.
239. Distribution and Clinicopathological Features of Mott Cells (Plasma Cells Containing Russell Bodies) in Gastric Cancer: Presence of Mott Cells Is Associated with Favorable Prognosis.
240. High cervical anastomosis reduce leakage related complications after McKeown esophagectomy.
241. Surgical strategies for benign acquired tracheoesophageal fistula.
242. Immunoglobulin G4-Related Disease Complicating Ruptured Isolated Iliac Artery Aneurysm: A Complex Management Dilemma.
243. HEAL Africa score to predict failure of surgical repair of obstetric urethro-vaginal fistula in the Democratic Republic of the Congo.
244. Precise single column resection and reconstruction with femoral head plus total hip replacement for primary malignant peri-acetabulum tumors.
245. Management of deep sacral and ischial pressure injuries with free-style local perforator flaps: A D+P+DPD model.
246. Exposure to urban particulate matter alters responses of olfactory mucosal cells to SARS-CoV-2 infection.
247. Impact of Telehealth Post-operative Care on Early Outcomes Following Esophagectomy.
248. Surgical Management and Outcome of the Planum Sphenoidale Meningioma: A Single-Center STROBE Compliant Study.
249. Tuberculous extensor tenosynovitis of the wrist in a patient with systemic lupus erythematosus mimicking a giant cell tumour: A case report and review of literature.
250. Factors associated with the persistence of human papillomavirus after surgery in patients with cervical cancer.
251. Hip prosthesis and colon surgery, a decade of surveillance on surgical site infections in Italy, a prospective cohort study: rates, trends, and disease burden in DALYs.
252. The area ratio of Modic changes has predictive value for postoperative surgical site infection in lumbar spine surgery: a retrospective study.
253. Meta-lasso: new insight on infection prediction after minimally invasive surgery.
254. Risk factors for early septic failure after two-stage exchange total knee arthroplasty for treatment of periprosthetic joint infection.
255. A modified ureteroileal anastomosis can reduce ureteroileal anastomotic stricture after ileal conduit.
256. Development and validation of predictive nomogram for postoperative non-union of closed femoral shaft fracture.
257. Biocompatibility of mineral trioxide aggregate and biodentine as root-end filling materials: an in vivo study.
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Guidelines / Prevention Practice

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265. Management of Penicillin Allergy in the Perioperative Setting.
266. Failure to reduce the risk of postoperative lower genital tract infection with perioperative antibiotic prophylaxis during induced abortion: a real-world study.
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Breast Surgery

1. Co-surgeon versus single-surgeon outcomes in free tissue breast reconstruction: a meta-analysis.
2. Duramesh registry study: short-term outcomes using mesh suture for abdominal wall closure.
3. Effects of quality nursing on the surgical site wound infections in patients undergoing cardiothoracic surgery: A meta-analysis.
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5. Pedicled myocutaneous flap transplantation for a large chest wall defect with infection in a 72-year-old female.
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25. Abdominal donor-site complications following autologous breast reconstruction: A multi-institutional multisurgeon study.
26. A Case of Thoracic Empyema Caused by Actinomyces naeslundii.
27. Comparison of Different Acellular Dermal Matrix in Breast Reconstruction: A Skin-to-Skin Study.
28. Oncoplastic Reconstruction in the Setting of Prior Cosmetic Augmentation.
29. Superior Pedicle Inverted T-reduction Mammaplasty with Short Horizontal Scar.
30. Comparison of transoral vestibular robotic thyroidectomy with traditional low-collar incision thyroidectomy.

Mupirocin resistance

1. Methicillin-Resistant Staphylococcus aureus (MRSA) in a Tertiary Care Hospital in Kuwait: A Molecular and Genetic Analysis.
2. Dissolving microneedle system containing Ag nanoparticle-decorated silk fibroin microspheres and antibiotics for synergistic therapy of bacterial biofilm infection.
3. Impact of active surveillance and decolonization strategies for methicillin-resistant Staphylococcus aureus in a neonatal intensive care unit.

Competitors

1. A randomized, double-blind study on the safety and immunogenicity of rTSST-1 variant vaccine: phase 2 results.
2. Virulence genes and antibiotic resistance profiles of Staphylococcus aureus isolated from bovine mastitis milk samples.
3. Efficacy of novel staphylococcal surface associated protein vaccines against Staphylococcus aureus and non-aureus staphylococcal mastitis in dairy cows.
4. Identification of four genes responsible for antimicrobial resistance of MEL-B against S. aureus.
5. SARS-CoV-2 spike-FLIPr fusion protein plus lipidated FLIPr protects against various SARS-CoV-2 variants in hamsters.
6. Emerging strategies and therapeutic innovations for combating drug resistance in Staphylococcus aureus strains: A comprehensive review.
7. The scientific journey of a novel adjuvant (AS37) from bench to bedside.
8. Cutaneous Serratia marcescens infection in two dogs.
9. Photodynamic Inactivation of Foodborne Bacteria: Screening of 32 Potential Photosensitizers.
10. Higher baseline heart rate variability in CCHS patients with progestin-associated recovery of hypercapnic ventilatory response.
11. Gum Arabic assisted the biomass synthesis of bimetallic silver copper oxide nanoparticles using gamma-rays for improving bacterial and viral wound healing: Promising antimicrobial activity against foot and mouth disease.
12. Which trial do we need? Percutaneous mechanical aspiration versus medical management alone for treatment of right-sided valvular infective endocarditis.
13. Development of Mupirocin-Impregnated Bacterial Cellulosic Transdermal Patches for the Management of Skin Infection.
14. Effect of Different Local Antibiotic Regimens on Prevention of Postoperative Infection in Clean Surgical Wounds: A Systematic Review and Network Meta-analysis.
15. Work of breathing: A tool for the respiratory management of severe bronchopulmonary dysplasia.
16. Monophosphoryl lipid A as a co-adjuvant in methicillin-resistant Staphylococcus aureus vaccine development: improvement of immune responses in a mouse model of infection.
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18. Infectious Diseases Among People Experiencing Homelessness: A Systematic Review of the Literature in the United States and Canada, 2003-2022.
19. Liposomal co-encapsulation of a novel gemini lipopeptide and a CpG-ODN induces a strong Th1 response with the co-activation of a Th2/Th17 profile and high antibody levels.
20. Impact of age on pneumococcal colonization of the nasopharynx and oral cavity: an ecological perspective.

Economic News

Covid-19

1. In-vitro evaluation of Indigofera heterantha extracts for antibacterial, antifungal and anthelmintic activities.
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3. Precursor-directed biosynthesis and biological activity of tripropeptin Cpip, a new tripropeptin C analog containing pipecolic acid.
4. Fabrication of a Nanoscale Magnesium/Copper Metal-Organic Framework on Zn-Based Guided Bone Generation Membranes for Enhancing Osteogenesis, Angiogenesis, and Bacteriostasis Properties.
5. Importance of Toxin Genes and Polymerase Chain Reaction-Based Open Reading Frame Type Analyses for Severe Staphylococcus aureus Infection in Children.
6. Specifically targeted antimicrobial peptides synergize with bacterial-entrapping peptide against systemic MRSA infections.
7. DP1, a multifaceted synthetic peptide: Mechanism of action, activity and clinical potential.
8. Fabrication and evaluation of silver modified micro/nano structured titanium implant.
9. Green synthesis of epigallocatechin gallate-ferric complex nanoparticles for photothermal enhanced antibacterial and wound healing.
10. Development of cannabidiol derivatives as potent broad-spectrum antibacterial agents with membrane-disruptive mechanism.
11. Lab on chip based self-adjustable liposomes for rapid wound healing: An in depth in vitro, in vivo and higher dose toxicity investigation.
12. Engineering an Autonucleolytic Mammalian Suspension Host Cell Line to Reduce DNA Impurity Levels in Serum-Free Lentiviral Process Streams.
13. Dehydration-Toughing Dual-Solvent Gels with Viscoelastic Transition for Infectious Wound Treatment.
14. Resistance and virulence in Staphylococcus aureus by whole-genome sequencing: a comparative approach in blaZ-positive isolates.
15. Efficacy of lysostaphin-coated titanium plates on implant-associated MRSA osteitis in minipigs.
16. Risk Factors of the Totally Implantable Venous Access Device-Related Infection in Patients With Brain Tumors Undergoing Chemotherapy After Surgery.
17. Death by community-based methicillin-resistant Staphylococcus aureus: case report.
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19. Volatile organic compounds in headspace characterize isolated bacterial strains independent of growth medium or antibiotic sensitivity.
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21. Antimicrobial activity and properties of de novo design of short synthetic lipopeptides.
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24. Nine New Antibacterial Diterpenes and Steroids from the South China Sea Soft Coral Lobophytum catalai Tixier-Durivault.
25. High-Yield Preparation of American Oyster Defensin (AOD) via a Small and Acidic Fusion Tag and Its Functional Characterization.
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27. Lactobacillus johnsonii LJO02 (DSM 33828) Cell-Free Supernatant and Vitamin D Improve Wound Healing and Reduce Interleukin-6 Production in Staphylococcus aureus-Infected Human Keratinocytes.
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29. Antimicrobial Oleogel Containing Sustainably Prepared Silver-Based Nanomaterials for Topical Application.
30. Dupilumab Alters Both the Bacterial and Fungal Skin Microbiomes of Patients with Atopic Dermatitis.
31. A Three-Dimensional Model of Bacterial Biofilms and Its Use in Antimicrobial Susceptibility Testing.
32. Antibacterial, Resistance Modulation, Anti-Biofilm Formation, and Efflux Pump Inhibition Properties of Loeseneriella africana (Willd.) N. Halle (Celastraceae) Stem Extract and Its Constituents.
33. MEndoB, a chimeric lysin featuring a novel domain architecture and superior activity for the treatment of staphylococcal infections.
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35. Biological Properties of Recently Described Wild Bramble Rubus oklejewiczii against the Species from Similar Niches.
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39. Prevalence of S. aureus and/or MRSA in hospitalized patients with diabetic foot and establishment of LAMP methods for rapid detection of the SCCmec gene.
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44. Effect of gamma irradiation on pathogenic Staphylococcus aureus in packaged Ready-to-Eat salads treated with biological extracts.
45. Antimicrobial, antibiofilm, and antivirulence properties of Eisenia bicyclis-extracts and Eisenia bicyclis-gold nanoparticles towards microbial pathogens.
46. MXene-based polysaccharide aerogel with multifunctional enduring antimicrobial effects for infected wound healing.
47. Preparation and characterization of peach gum/chitosan polyelectrolyte composite films with dual cross-linking networks for antibacterial packaging.
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49. A DNA-inspired injectable adhesive hydrogel with dual nitric oxide donors to promote angiogenesis for enhanced wound healing.
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51. Inhibition of staphylococcal nuclease by benzimidazole-based Ligand: Implications in DNA-Mediated entrapment and uptake of MRSA by Macrophage-like cells.
52. A portable CRISPR-Cas12a triggered photothermal biosensor for sensitive and visual detection of Staphylococcus aureus and Listeria monocytogenes.
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63. The active ingredients in Chinese peony pods synergize with antibiotics to inhibit MRSA growth and biofilm formation.
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