**XF-73 Nasal Literature Review**

**Period: 24/02/2024 – 24/03/2024**

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Scientific Highlights

1. In Vitro and Ex Vivo Investigation of the Antibacterial Effects of Methylene Blue against Methicillin-Resistant Staphylococcus aureus.
2. Monitoring Staphylococcus aureus nasal colonization murine model using a bioluminescent methicillin-resistant S. aureus (MRSA).
3. Staphylococcus aureus colonisation and strategies for decolonisation.

SA Decolonisation

1. Exhaled Breath Analysis Detects the Clearance of Staphylococcus aureus from the Airways of Children with Cystic Fibrosis.
2. Reduced Glycolysis and Cytotoxicity in Staphylococcus aureus Isolates from Chronic Rhinosinusitis as Strategies for Host Adaptation.
3. An observational study demonstrates human-adapted Staphylococcus aureus strains have a higher frequency of antibiotic resistance compared to cattle-adapted strains isolated from dairy farms making farmstead cheese.
4. Improving Compliance with Preoperative Nasal Povidone-Iodine to Prevent Surgical Site Infection in Vascular and Neurosurgery Services in a Community Teaching Hospital.
5. A Method Based on a Modified Fluorescence In Situ Hybridization (FISH) Approach for the Sensing of Staphylococcus aureus from Nasal Samples.
6. The role of Staphylococcus aureus quorum sensing in cutaneous and systemic infections.
7. Nasal Microbiota and Sensitivity Pattern in Rhinosinusitis.
8. Invasive Sinusitis Presenting with Orbital Complications in COVID Patients: Is Mucor the Only Cause?
9. A Prospective Clinical Study of Bacteriological Profile and their Antibiotic Susceptibilty Profile in Patients with Chronic Rhinosinusitis: The Recent Scenario in Northern India.
10. Safety and efficacy of phage application in bacterial decolonisation: a systematic review.
11. Microbiology of cystic fibrosis persons not chronically infected with P. aeruginosa: A quasi-experimental study on two different upper airways' sampling methods.
12. Biofilm-producing Bacteria and Quality of Life after Endoscopic Sinus Surgery in Patients with Chronic Rhinosinusitis with Nasal Polyposis.
13. Delayed neutrophil shedding of CD62L in patients with chronic rhinosinusitis with nasal polyps and asthma: Implications for Staphylococcus aureus colonization and corticosteroid treatment.
14. Unexpected role of pig nostrils in the clonal and plasmidic dissemination of extended-spectrum beta-lactamase-producing Escherichia coli at farm level.
15. Addition of vancomycin to cefazolin is often unnecessary for preoperative antibiotic prophylaxis during total joint arthroplasties.
16. Utility of methicillin-resistant Staphylococcus aureus nasal PCR testing in pediatric patients with suspected respiratory infections.
17. Does organophosphorus poisoning increase the risk of staphylococcal ventilator associated pneumonia? - a retrospective study.
18. Validation and shortcomings of the most common mouse model of chronic rhinosinusitis with nasal polyps.
19. The role of proteinaceous toxins secreted by Staphylococcus aureus in interbacterial competition.
20. Distribution of Staphylococcus aureus carriage among healthcare workers in a Japanese convalescent and rehabilitation hospital.
21. [Acute and chronic rhinosinusitis age characteristics].

SA/MRSA Colonisation / Infection

1. Ruxolitinib for the treatment of acute and chronic graft-versus-host disease in children: a systematic review and individual patient data meta-analysis.
2. Modifiable Preoperative Risk Factors to Mitigate Postoperative Site Infection Following Pediatric Gastrostomy.
3. Postoperative Incisional Complications in Gynecologic Single Incision Laparoscopic Surgery: Comparing Closure Techniques.
4. Bronchiectasis and asthma: Data from The European Bronchiectasis Registry (EMBARC).
5. Efficacy of prophylactic use of intraoperative vancomycin powder in preventing surgical site infection in neurological surgeries in Irrua, Nigeria: A randomized controlled study.
6. Comparing short vs. intermediate and long nails in elderly patients with unstable multifragmental femoral trochanteric fractures (AO type A2): Multicenter (TRON group) retrospective study.
7. Flap management following orthotopic heart transplantation: A single institution's review of 66 sternal wound complications.
8. Robotic-assisted laparoscopic Malone appendicostomy: a 6-year perspective.
9. Analysis of complications in 97 periprosthetic Vancouver B2 fractures treated either by internal fixation or revision arthroplasty.
10. The treatment of sinus graft infection after sinus floor elevation: a series of four case reports.
11. Infection Rates and Surgical Procedures Associated With Isolated Open Talar Neck and Body Fractures.
12. Absorbable antibiotic beads for treatment of LVAD driveline infections.
13. Herpes Simplex Keratitis as a Complication of Pterygium Surgery.
14. Genital and Oral HPV Geno-Prevalence Measured through Urine and Saliva Samples in Young Adults in Italy.
15. A Next-Generation Adenoviral Vaccine Elicits Mucosal and Systemic Immunogenicity and Reduces Viral Shedding after SARS-CoV-2 Challenge in Nonhuman Primates.
16. Cumulative incidence of and risk factors for BCG infection after adjuvant BCG instillations.
17. Magnet ingestion in growing children: a multi-center observational study on single and multiple magnet incidents.
18. [Progress in antibacterial coatings of titanium implants surfaces].
19. Letter Regarding: "Alcohol-Containing Versus Aqueous-Based Solutions for Skin Preparation in Abdominal Surgery".
20. Chest Wall Dermatitis Patterns Following Thoracoscopic Intercostal Nerve Cryoablation for Surgical Correction of Pectus Excavatum.
21. The Septic Elbow Joint: Treatment Approaches for Improved Patient Outcomes.
22. The State of Local Antibiotic Use in Orthopedic Trauma.
23. Articulating Spacers in Total Hip Arthroplasty: Surgical Technique and Outcomes.
24. Innovations in the Isolation and Treatment of Biofilms in Periprosthetic Joint Infection: A Comprehensive Review of Current and Emerging Therapies in Bone and Joint Infection Management.
25. Biofilm and How It Relates to Prosthetic Joint Infection.
26. Arthroscopic Capsular Shift from Inferior to Superior has an Exceptional Safety Profile and Short-Term Outcomes.
27. Intramedullary positive tissue culture increases the risk of re-infection following one-stage septic revision total knee arthroplasty.
28. Partial Cranial Reconstruction using Titanium Mesh After Craniectomy: An Antiadhesive and Protective Barrier with Improved Aesthetic Outcomes.
29. In Utero Diagnosis of Spinal Dermal Sinus.
30. Single-stage transcutaneous osseointegrated prosthesis for above-knee amputations including an antibiotic-loaded hydrogel. Preliminary results of a new surgical protocol.
31. What can they expect? Decreased quality of life and increased postoperative complication rate in patients with a fracture-related infection.
32. A clinical dimple on facial skin related to dental origin: A case report.
33. The global burden of cervical cancer requiring surgery: database estimates.
34. Surgical treatment of acromioclavicular joint dislocation of Rockwood III/IV: a retrospective study on clavicular hook plate versus arthroscopic TightRope loop titanium button.
35. Minimizing pain in deer antler removal: Local anaesthetics in ZnO nanoparticle based collagen dressings as a promising solution.
36. Infection and Sepsis Trends during United States' Delivery Hospitalizations from 2000 to 2020.
37. Characterization of a human H3N8 influenza virus.
38. Enhanced Chemoradiotherapy for MRSA-Infected Osteomyelitis Using Immunomodulatory Polymer-Reinforced Nanotherapeutics.
39. Impact of Anterior and Posterior Vault Distraction Osteogenesis (A-PVDO) and 3D-Printed Positioning/Shaping Templates in Apert Syndrome: A Case Series Study.
40. Relationship Between Vitamin D Deficiency and Nonalcoholic Fatty Liver Disease in Patients With HIV-1 Infection.
41. Surgical repair and replacement for native mitral valve infective endocarditis.
42. Gastric fundic gland polyposis and cancer development after eradication of Helicobacter pylori in patient with gastric adenocarcinoma and proximal polyposis of the stomach (GAPPS).
43. Inflammatory myofibroblastoma mimicking cavernous hemangioma in the liver.
44. Impact of COVID-19 on cardiac surgery outcomes.
45. Percutaneous Endoscopic Unilateral-Approach Bilateral Decompression for Lumbar Spinal Stenosis.
46. A Neural Implant Design Toolbox for Nonhuman Primates.
47. Biofilm formation by Staphylococcus pseudintermedius on titanium implants.
48. Salvage skull base surgery after proton beam therapy for recurrent sinonasal malignancies: A retrospective study.
49. Risk factors and outcomes in patients with severe Necrotizing fasciitis admitted to surgical intensive Care unit: a retrospective cohort study from pakistan.
50. Practices Used to Improve Patient Safety Culture Among Healthcare Professionals in a Tertiary Care Hospital.
51. [Modified reverse puncture technique for esophagojejunostomy during totally laparoscopic total gastrectomy for gastric cancer].
52. Neonatal pyocele originating from a urinary tract infection: a case report.
53. Comparison of the effectiveness of two adjustable negative pressure ureteral access sheaths combined with flex ureteroscopy for ≤ 2 cm renal stones.
54. Immunisation efficacy of a stabilised SARS-CoV-2 spike glycoprotein in two geriatric animal models.
55. A threshold of 100 or more colony-forming units on the anesthesia machine predicts bacterial pathogen detection: a retrospective laboratory-based analysis.
56. Comparing outcomes of single-use vs reusable ureteroscopes: a systematic review and meta analysis.
57. Optimizing antibiotic management for patients with acute appendicitis: A quality improvement study.
58. Predictive value of C-reactive protein for postoperative liver-specific surgical site infections.
59. Exploration of the utility of different doses of Qingfei Dayuan granules: a multicenter, randomized, double-blind, placebo-controlled trial.
60. Clinical observation of Otitis Media Secretory during Covid-19.
61. Balancing the scales: achieving the optimal beta-lactam to beta-lactamase inhibitor ratio with continuous infusion piperacillin/tazobactam against extended spectrum beta-lactamase producing Enterobacterales.
62. Diagnosis and management of secondary adrenal crisis.
63. Anosmia or Ageusia Following COVID-19 Vaccination: A Systematic Review.
64. Whole-genome sequencing of SARS-CoV-2 from the initial cases of domestic cat infections in Canada.
65. Coexisting of Primary Central Nervous System Lymphoma and Talaromyces marneffei Brain Abscess in an AIDS Patient, A Case Report and Review of the Literature.
66. A rare concomitant ipsilateral hip and knee dislocations: A case report and review of the literature.
67. [Clinical efficacy of posterior femoral muscle flaps combined with posterior femoral cutaneous nerve nutrient vessel flap and closed lavage in the treatment of stage Ⅳ ischial tuberosity pressure ulcers].
68. [Perioperative management of wounds associated with secondary sternal osteomyelitis and/or mediastinitis after sternotomy and its clinical effects].
69. Long-term safety of total knee arthroplasty in patients with chronic kidney disease in Taiwan: a retrospective cohort study.
70. Endoscopic Access to Brain abscess due to sinonasal infection.
71. Transoperative Magnetic Resonance Imaging in awake glioma surgery: Experience in a Latin American tertiary-level center.
72. Autologous Blood Patch Pleurodesis and Endobronchial Valves for Management of Persistent Air Leaks in Two Cases of Tuberculosis.
73. Soft-tissue reconstruction with pedicled vertical rectus abdominis myocutaneous flap after total or high sacrectomy for giant sacral tumor.
74. Pragmatic Return to Effective Dental Infection Control through Triage and Testing (PREDICT): an observational, feasibility study to improve dental office safety.
75. Multifunctional biomimetic hydrogel dressing provides anti-infection treatment and improves immunotherapy by reprogramming the infection-related wound microenvironment.
76. Negative Pressure Wound Therapy With and Without Instillation in Necrotizing Soft Tissue Infections.
77. Familial Intraductal Papillary Mucinous Neoplasm Associated With the Germline MSH6 Missense Variant and Progression of Pancreatic cancer.
78. Reconstruction of Broad Lower Lip Defects Using Karapandzic-Type Flaps.
79. Herbal Products-powered Thermosensitive Hydrogel with Phototherapy and Microenvironment Reconstruction for Accelerating Multidrug-resistant Bacteria-infected Wound Healing.
80. Study on the relationship between the fitness of three types of N95 respirators and facial dimensions.
81. Nationwide Propensity-Matched Comparison of Surgical Site Infections in Safety Net Hospitals.
82. Apoptosis and pyroptosis in the nasal mucosa of Syrian hamster during SARS-CoV-2 infection and reinfection.
83. No Difference in Revision Rates up to 10 years Following Total Hip Arthroplasty in Patients Who Had Prior Bariatric Surgery When Compared to Patients Who Had Class III Obesity: A Propensity Matched Analysis.
84. Development of an Infection Prevention and Control pathway to facilitate high throughput cataract surgery in Scotland.
85. Magnetically driven antegrade intramedullary lengthening nails for tibial lengthening.
86. Does the use of surgical face masks reduce postoperative infections in traumatic wounds sutured outside hospital? A randomized study at a Norwegian casualty center.
87. Registry-based study of survivorship of cemented femoral components versus collared cementless femoral components in total hip arthroplasty in older patients with osteoarthritis.
88. Comprehensive functional outcome analysis and importance of bone remodelling on personalized cranioplasty treatment using Poly(methyl methacrylate) bone flaps.
89. Low energy gunshot injuries: Does removal of retained bullet fragmentation at the time of internal fixation reduce the risk of fracture related infection?
90. Intranasal booster vaccination of beef steers reduces clinical signs following experimental coinfection with BRSV and BHV-1 without reducing shedding of BRD-associated bacteria.
91. Current state of neuroprotective therapy using antibiotics in human traumatic brain injury and animal models.
92. Effect of right internal mammary artery versus radial artery as a second graft vessel in coronary artery bypass grafting on postoperative wound infection in patients: A meta-analysis.
93. Epstein-Barr in a Patient Presenting with Right Upper Quadrant Pain: A Case Report from the Emergency Department.
94. Contamination of equipment and surfaces in the operating room anesthesia workspace: a cross-sectional study.
95. Periprosthetic hip infections caused by Brucella: a rare case report and literature review.
96. Case Management in Prevention of 30-Day Readmission in Post-Coronary Artery Bypass Graft Surgery.
97. Oritavancin Versus Daptomycin for Osteomyelitis Treatment After Surgical Debridement.
98. Open versus arthroscopic treatment of the rheumatoid elbow arthritis: a comparison of complications at two years utilizing a nationally representative database.
99. Cardiac interventions on total knee arthroplasty: a national inpatient sample-based analysis.
100. The impact of anxiety and depression on lumbar spine surgical outcomes: a Michigan Spine Surgery Improvement Collaborative study.
101. Seroepidemiology of SARS-CoV-2 in a cohort of pregnant women and their infants in Uganda and Malawi.
102. Primary splenic abscess in an adult female patient: a case report.
103. S2 alar-iliac screws are superior to traditional iliac screws for spinopelvic fixation in adult spinal deformity: a systematic review and meta-analysis.
104. Residual calcified material volume of β-tricalcium phosphate with platelet-rich fibrin in unilateral alveolar bone graft.
105. Risk factor analysis for perioperative complications in impacted third molar surgery - a single center experience.
106. Metatarsal lengthening by distraction osteogenesis for brachymetatarsia in paediatric patients: is it safe and effective?
107. Leadless pacemakers at 5-year follow-up: the Micra transcatheter pacing system post-approval registry.
108. Letter to the Editor concerning Akhavan AA et al., Invasive non-Candida fungal infections in acute burns-a 13-year review of a single institution and review of the literature.
109. Comparison of perioperative adverse events following suburethral sling placement using synthetic mesh, autologous rectus fascia, and autologous fascia lata in a national surgical registry.
110. Feasibility of Goal-Directed Fluid Therapy in Patients with Transcatheter Aortic Valve Replacement - An Ambispective Analysis.
111. The infected diabetic foot: Analysis of diabetic and non-diabetic foot infections.
112. Characteristics and outcome of anti-hepatitis D virus positive patients with hepatocellular carcinoma.
113. Hydrocele stone: a rare case report.
114. Mid- to Long-Term Results of Total Knee Arthroplasty for Charcot Arthropathy of the Knee.
115. Effect of basic fibroblast growth factor with collagen/gelatin fixture in a rabbit model of nasal septum perforation.
116. Successful reimplantation of extruded bone segment in lower limb open fractures: case report and literature review.
117. A Successful Endovascular Treatment of Massive Hematuria Caused by Aorto-Ureteric Fistula: A Report of a Rare Case.
118. Two-Year Preclinical Evaluation of Long-Term Absorbable Poly-4-hydroxybutyrate Scaffold for Surgical Correction of Pelvic Organ Prolapse.
119. Two-stage total joint replacement for hip or knee septic arthritis: post-traumatic etiology and difficult-to-treat infections predict poor outcomes.
120. Remodeling Microenvironment for Implant-associated Osteomyelitis by Dual Metal Peroxide.
121. Innovative Biomaterials for Bone Tumor Treatment and Regeneration: Tackling Postoperative Challenges and Charting the Path Forward.
122. Lentiviral expression of wildtype LAMA3A restores cell adhesion in airway basal cells from children with epidermolysis bullosa.
123. Pharmacomechanical thrombectomy with Angiojet in acute arterial occlusions: A prospective study among the results and outcomes.
124. Laparoscopic necrosectomy for acute necrotizing pancreatitis: mesocolon-preserving approach and outcomes.
125. Risk factors analyses associated with postoperative infection in choledochoscopy for intrahepatic bile duct stones (IHDs): a single-center retrospective study in real-world setting.
126. Neurological manifestations and risk factors associated with poor prognosis in hospitalized children with Omicron variant infection.
127. Maximizing mesh mileage: evaluating the long-term performance of a novel hybrid mesh for ventral hernia repair.
128. Predicting hypovitaminosis C with LASSO algorithm in adult critically ill patients in surgical intensive care units: a bi-center prospective cohort study.
129. Inflammation-suppressing cornea-in-a-syringe with anti-viral GF19 peptide promotes regeneration in HSV-1 infected rabbit corneas.
130. Multidrug-resistant bacterial infections after liver transplantation: prevalence, impact, and risk factors.
131. Importance of the Posterior Plate in Three-Column Tibial Plateau Fractures: A Finite Element Analysis and Clinical Validation.
132. Comparison of Two Techniques for Proximal Margin Analysis of Toe Amputations: a Retrospective Review.
133. Surgical repair of tetralogy of Fallot in a 78-year-old woman: a case report.
134. The genetic basis of hydrocephalus: genes, pathways, mechanisms, and global impact.
135. Intrapapillary hemorrhage with adjacent peripapillary subretinal hemorrhage of both eyes after COVID-19 infection: a case report.
136. Impact of preoperative antiviral therapy on the prognosis of hepatitis B virus-related hepatocellular carcinoma.
137. Photobiomodulation preconditioned diabetic adipose derived stem cells with additional photobiomodulation: an additive approach for enhanced wound healing in diabetic rats with a delayed healing wound.
138. The influence of microbial colonization on inflammatory versus pro-healing trajectories in combat extremity wounds.
139. Acute large-vessel occlusion due to an infected thrombus formation induced by invasive sphenoid sinus aspergillosis: illustrative case.
140. Racial Disparities in 30-day Readmission After Orthopaedic Surgery: A 5-year National Surgical Quality Improvement Program Database Analysis.
141. Comparison of surgical and oncological outcomes between different surgical approaches for overweight or obese cervical cancer patients.
142. Establishment and Evaluation of a Risk Prediction Model for Pathological Escalation of Gastric Low-Grade Intraepithelial Neoplasia.
143. The impact of bariatric surgery on admissions for gastrointestinal complications and conditions associated with obesity: A nationwide study.
144. [Postoperative outcome of 30 patients with navicular bone fractures-In connection with AOFAS-Score, SF-12 and fracture classifications].
145. Laparoscopic versus open surgery in obstructive colorectal cancer patients following stents placement: a comprehensive meta-analysis of cohort studies.
146. Immunotherapy Using Activated Natural Killer Cells Improves Postoperative Neutrophil-to-Lymphocyte Ratio and Long-Term Prognosis of Living Donor Liver Transplant Recipients With Hepatocellular Carcinoma.
147. Postoperative Herpes Viral Infections in Neurosurgery - An Experience and Arguments for and against the Plausible Hypotheses.
148. Pantoea agglomerans bacteraemia after uterine artery embolisation: an unusual pathogen.
149. Wunderlich syndrome in a patient with pyelonephritis.
150. [Design and application of a drainage tube dredging umbrella and anti-retrograde infection kit].
151. Molecular characterization of diffuse large B-cell lymphomas associated with hepatitis C virus infection.
152. BedBiopsy: diagnostic performance of bedside ultrasound-guided bone biopsies for the management of diabetic foot infection.
153. RNA cis-regulators are important for Streptococcus pneumoniae in vivo success.
154. Insulin Delivery to the Brain via the Nasal Route: Unraveling the Potential for Alzheimer's Disease Therapy.
155. Limb salvage reconstruction of the lower limb with complex ankle arthrodesis and magnetic internal lengthening nail.
156. Incidence, characteristics, and risk factors of drug-associated muscle adverse reaction: a retrospective real-world study of inpatients.
157. From hepatitis B virus infection to acute-on-chronic liver failure: The dynamic role of hepatic macrophages.
158. Implications of CD45RA and CD45RO T cell subsets in patients of chronic rhinosinusitis with nasal polyposis infected with Aspergillus flavus.
159. Anticipating ICU discharge and long-term follow-up.
160. [Preliminary clinical application of novel magnetic navigation and ultrasound-guided percutaneous transhepatic cholangiography drainage through the right liver duct for malignant obstructive jaundice].
161. Genome-based solutions for managing mucormycosis.
162. PROPHYLACTIC ANTIBIOTICS DURING THE IMPLANT PROSTHETIC PHASE MAY NOT SUBSTANTIALLY DECREASE THE INCIDENCE OF INFECTIOUS COMPLICATIONS.
163. A combined score for predicting clinically relevant postoperative pancreatic fistula based on inflammatory parameters and drainage fluid culture results on postoperative day 3.
164. Salvage Algorithm for Deep Surgical Site Infections after HTO with Unstable Bone Situation Using a Hexapod System - Primary Results.
165. Heavily Treatment-Experienced Persons Living with HIV Currently in Care in Italy: characteristics, Risk Factors, and Therapeutic Options - the ICONA Foundation Cohort study.
166. [Arthroscopic Subtalar Distraction Arthrodesis in Post-Traumatic Indications].
167. Ionized jet deposition of silver nanostructured coatings: Assessment of chemico-physical and biological behavior for application in orthopedics.
168. Modified gastro-soleus turn-down flap for chronic or neglected achilles tendon ruptures.
169. Impact of a multidisciplinary management team on clinical outcome in ICU patients affected by Gram-negative bloodstream infections: a pre-post quasi-experimental study.
170. Surgical-site infection in multifetal cesarean delivery.
171. Spondylodiscitis of lumbar complicated with spinal epidural abscess caused by Parvimonas micra: A case report and literature review.
172. Progression from carriage to bloodstream infection and fatality by different Enterobacterales species, carbapenemases and host settings: deciphering the melting pot.
173. The effect of omentoplasty in various surgical operations: Systematic review and meta-analysis.
174. Preoperative prescription opioid use as an independent predictor of 90-day mortality and adverse events in craniotomy and craniectomy patients.
175. Chronic infective arthritis with osteomyelitis of the ankle due to Pseudomonas aeruginosa infection in a middle-age woman: A rare causative pathogen requiring vigilance.
176. Pivotal role of myeloid-derived suppressor cells in infection-related tumor growth.
177. Transanal fistula repair for the treatment of rectovestibular fistula with normal anus in female children: a 5-year single-center experience.
178. Giant inflamed fibroepithelial scrotal polyp mimicking an anogenital wart.
179. SARS-CoV-2 Omicron infection augments the magnitude and durability of systemic and mucosal immunity in triple-dose CoronaVac recipients.
180. Quantifying the Association Between Surgical Spine Approach and Tracheostomy Timing After Traumatic Cervical Spinal Cord Injury.
181. Nanotechnology-based delivery of therapeutics through the intranasal pathway and the blood-brain barrier for Alzheimer's disease treatment.
182. Ligation of the Intersphincteric Fistula Tract as an Emergency Treatment for Cryptoglandular Anal Fistula.
183. Histopathologic and transmission electron microscopic findings in monkeypox cutaneous lesions.
184. Evaluation of Olfactory Dysfunction Among COVID-19 Patients in Baghdad, Iraq.
185. Comparison of the Effectiveness of a Novel Matrix-Modified Bovine Collagen Membrane With a Conventional Bovine Collagen Membrane for Oral Mucosal Defects: A Single-Center Study.
186. Endovascular Treatment of a Multi-visceral Aortic Conduit Blowout With Parallel Stent Grafts and Coils.
187. Pectoralis Major Pyomyositis in a Patient With Diabetes: A Case Report and Literature Review.
188. Summary of the best evidence for the prevention of nasal injury in preterm infants with nasal noninvasive ventilation.
189. Recombinase polymerase amplification-lateral flow dipstick (RPA-LFD) designed for rapid detection of canine distemper virus.
190. Intraosseous Versus Intravenous Vancomycin in Tourniquetless Primary Total Knee Arthroplasty: A Randomized Trial.
191. Preparation and immunogenicity evaluation of C-HapS-P6 fusion protein vaccine against nontypeable Haemophilus influenzae in mice.
192. Peri-implantitis: Knowledge and attitudes of implantology clinicians regarding the disease management: Peri-implantitis knowledge.
193. Longitudinal Molecular and Serological Evidence of SARS-CoV-2 Infections and Vaccination Status: Community-Based Surveillance Study (CONTACT).
194. The role of environmental and seasonal factors in spine deep surgical site infection: the air pollution, a factor that may be underestimated.
195. An innovative 3D hydroxyapatite patient-specific implant for maxillofacial bone reconstruction: A case series of 13 patients.
196. New approach to AGV implantation with scleral tunnel method by prolene suture: Şimşek Technique.
197. Minimally Invasive Surgery of femoral periprosthetic fractures increases the rate of consolidation and decreases time to bone healing without a higher rate of complications.
198. The Effect of Diabetes on Complications After Spinal Fusion: A Systematic Review and Meta-Analysis.
199. Robotic ureter reimplantation after urinary diversion.
200. Impact of Prolonged Ischemic Time on Pediatric Heart Transplantation Outcomes: Improved Outcomes in the Most Recent Era.
201. Effect of hemoadsorption during cardiac surgery for S. aureus endocarditis - a REMOVE trial post-hoc analysis.
202. Trends and predictors of unplanned hospitalization among oral and oropharyngeal cancer patients; an 8-year population-based study.
203. Laser excision of urethral mesh erosion: a 10-year experience.
204. Early Surgery for Infective Endocarditis Complicated With Neurologic Injury.
205. Recent Advances in Molecular Pathways and Therapeutic Implications for Peptic Ulcer Management: A Comprehensive Review.
206. Patients' Experience and Satisfaction Regarding the Pre-Operative Shower: The PRODOUCH Multicenter Descriptive Survey.
207. Adult patients treated for bladder exstrophy at a young age: What are their current demands?
208. Early Versus Delayed Definitive Fixation Relative to Fasciotomy Closure in High-Energy Tibial Plateau Fractures with Compartment Syndrome.
209. High rate of undetected infections in failed osteosynthesis of pertrochanteric fractures.
210. Urinary tract infection after flexible ureterorenoscopy for urolithiasis in patients with positive treated preoperative urinalysis.
211. Importance of injury severity in the choice of treatment and its impact on prognosis in gunshot fractures.
212. Effectiveness of combined local therapy with antibiotics and fibrin vs. vacuum-assisted wound therapy in soft tissue infections: a retrospective study.
213. Comparative study of retrograde intramedullary nailing versus locking extramedullary plating in complete articular fractures with metaphyseal comminution of the distal femur.
214. Occupational exposure to Coxiella burnetii during cardiac surgery: A case report and review of the literature.
215. Effect of two different surgical modalities for pelvic organ prolapse on postoperative wound infection in patients: A meta-analysis.
216. Effects of clinical nursing pathway on the surgical site wound infection in patients undergoing knee or hip replacement surgery: A meta-analysis.
217. Pseudoparalysis in an infant with otitis media: an evolving presentation of scapular osteomyelitis.
218. Assessing Silver Nanoparticle and Antimicrobial Combinations for Antibacterial Activity and Biofilm Prevention on Surgical Sutures.
219. Delayed brain abscess as a complication of cerebral infarction: A rare case report and review of the literature.
220. Safety and efficacy of apixaban vs. enoxaparin in thromboprophylaxis after spinal stenosis and degenerative spine surgery.
221. Comparison of oncological and functional outcomes in Lower-limb osteosarcoma pediatric patient : A large single-center retrospective cohort study.
222. Uveitic Flare-Ups After Gonioscopy-Assisted Transluminal Trabeculotomy (GATT) in Patients with Uveitic Glaucoma.
223. Cervicofacial Pediatric Tissue Expansion: Aesthetic Unit-Based Algorithm.
224. Clinical Course, Laboratory Findings, and Prognosis of SARS-CoV-2 Infection in Infants up to 90 Days of Age: A Single-Center Experience and a Proposal for a Management Pathway.
225. Purse-string skin closure versus linear skin closure in people undergoing stoma reversal.
226. Patient-reported outcomes in inguinal hernia surgery-Results from the GENESIS study: A multinational multicenter study.
227. Staphylococcus epidermidis bacteriocin A37 kills natural competitors with a unique mechanism of action.
228. Nasal Delivery of Haemophilus haemolyticus Is Safe, Reduces Influenza Severity, and Prevents Development of Otitis Media in Mice.
229. SP-CHAP, an endolysin with enhanced activity against biofilm pneumococci and nasopharyngeal colonization.
230. Another new species of Dibamus Dumril & Bibron, 1839 (Squamata: Dibamidae) from Nui Chua National Park, Ninh Thuan Province, Vietnam.
231. [A Case of Adenocarcinoma, HPV-independent, Mesonephric Type with Significant Response to Neoadjuvant Chemotherapy].
232. Meniscus Repair Technique Must be Determined on a Tear-by-Tear Basis: Hybrid Techniques Plus Biologics are Optimal.
233. Explant of an infected, endo-trashed IVC filter in an immunosuppressed patient with chronically occluded iliocaval stents.
234. Effectiveness of HealthTracker for post-caesarean section surgical site infection surveillance: An intervention study.
235. Adverse events associated with device assisted hyoid and tongue base suspension for obstructive sleep apnea.
236. Preoperative hypocoagulative state is an independent risk factor for wound complications and infection in gender-affirming bottom surgeries.
237. Influence of Chewing Rate and Food Composition on in Vivo Aroma Release and Perception of Composite Foods.
238. Pediatric cutaneous mucormicosis.
239. Maximizing Adherence and Minimizing Time to Antibiotics: A Multi-Disciplinary Institutional Trauma Bay Protocol for Single Antibiotic Prophylaxis in Open Fractures.
240. Divergent Pathogenesis and Transmission of Highly Pathogenic Avian Influenza A(H5N1) in Swine.
241. Long-term results with biosynthetic absorbable P4HB mesh in ventral abdominal wall repair: a multicentre analysis.
242. Effects of high tibial osteotomy compared with unicondylar knee arthroplasty on the surgical site wound infection and pain in patients with medial knee osteoarthritis.
243. Early-life respiratory infection: How do we react to this red flag?
244. Pediatric Type I Open Both Bone Forearm Fractures: Predicting Failure of Nonoperative Management.
245. Early predictors of bacterial pneumonia infection in children with congenital heart disease after cardiopulmonary bypass: a single-centre retrospective study.
246. Application of Piezosurgery in Revision Surgery through Posterior Approach for Infection after Percutaneous Vertebral Augmentation: Technique Note with Case Series.
247. Erector spinae plane block (ESPB) for intractable, non-surgical abdominal pain: a scoping review.
248. Antibacterial efficacy, mode of action, and safety of a novel nano-antibiotic against antibiotic-resistant Escherichia coli strains.
249. "Sandwich" Structure in Reconstruction of Traumatic Comminuted Anterior Skull Base Fractures: Surgical Technique and Outcomes.
250. Analysis of treatment-related adverse events and wound complications of surgical resection after neoadjuvant chemoimmunotherapy for non-small cell lung cancer.
251. Effectiveness of vancomycin powder for preventing postoperative spinal infection.
252. A nurse-driven penicillin allergy risk score in the preoperative setting was associated with increased cefazolin use perioperatively.
253. Urea to Albumin Ratio Is an Excellent Predictor of Death in Patients With Complicated Intra-Abdominal Infections.
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Guidelines / Prevention Practice

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13. Direct-to-Implant vs Tissue Expander Placement in Immediate Breast Reconstruction: A Prospective Cohort Study.
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1. Ephedra alte extracts' GC-MS profiles and antimicrobial activity against multidrug-resistant pathogens (MRSA).

Competitors

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Covid-19

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3. Cefazolin vs. cloxacillin in MSSA endocarditis: too good to be true?
4. Cefazolin vs. cloxacillin in MSSA endocarditis: too good to be true? Authors' reply.
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Other news of possible interest