

BOLETÍN AFinf

Actualización en terapéutica antimicrobiana y enfermedades infecciosas

Grupo de trabajo AFinf – Sociedad Española de Farmacia Hospitalaria

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Actualización farmacoterapéutica

- **RESTORE-IMI 1: A Multicenter, Randomized, Double-blind Trial Comparing Efficacy and Safety of Imipenem/Relebactam vs Colistin Plus Imipenem in Patients With Imipenem-nonsusceptible Bacterial Infections**
CLINICAL INFECTIOUS DISEASES
<https://bit.ly/2M6BB9W>
- **Once-daily oral omadacycline versus twice-daily oral linezolid for acute bacterial skin and skin structure infections (OASIS-2): a phase 3, double-blind, multicentre, randomised, controlled, non-inferiority trial.**
THE LANCET Infectious Disease
<https://bit.ly/2Oji1Ks>
- **IGNITE4: Results of a Phase 3, Randomized, Multicenter, Prospective Trial of Eravacycline vs Meropenem in the Treatment of Complicated Intraabdominal Infections**
CLINICAL INFECTIOUS DISEASES
<https://bit.ly/2McmBYq>
- **Seven Versus 14 Days of Antibiotic Therapy for Uncomplicated Gram-negative Bacteremia: A Noninferiority Randomized Controlled Trial**
CLINICAL INFECTIOUS DISEASES
<https://bit.ly/33cHVUD>
- **Controlling intestinal colonization of high-risk haematology patients with ESBL-producing Enterobacteriaceae: a randomized, placebo-controlled, multicentre, Phase II trial (CLEAR)**
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY

<https://bit.ly/2VdVkJ9>

- **Four versus six weeks of antibiotic therapy for osteoarticular infections after implant removal: a randomized trial**
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY
<https://bit.ly/2ohCAfA>
- **Randomized Noninferiority Trial of Cefoperazone-Sulbactam versus Cefepime in the Treatment of Hospital-Acquired and Healthcare-Associated Pneumonia**
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
<https://bit.ly/2nfM7TZ>
- **Efficacy and Safety of Tedizolid Phosphate versus Linezolid in a Randomized Phase 3 Trial in Patients with Acute Bacterial Skin and Skin Structure Infection**
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
<https://bit.ly/330C7xc>
- **Oral Lefamulin vs Moxifloxacin for Early Clinical Response Among Adults With Community-Acquired Bacterial Pneumonia**The LEAP 2 Randomized Clinical Trial
JAMA INTERNAL MEDICINE
<https://bit.ly/356NS7a>
- **Effectiveness of a Bundled Intervention Including Adjunctive Corticosteroids on Outcomes of Hospitalized Patients With Community-Acquired Pneumonia**A Stepped-Wedge Randomized Clinical Trial
JAMA INTERNAL MEDICINE
<https://bit.ly/2InE3YM>
- **Risk Factors and Outcomes Associated With Treatment of Asymptomatic Bacteriuria in Hospitalized Patients**
JAMA INTERNAL MEDICINE
<https://bit.ly/30Np8xn>
- **Treatment Outcomes of Colistin- and Carbapenem-resistant *Acinetobacter baumannii* Infections: An Exploratory Subgroup Analysis of a Randomized Clinical Trial**
CLINICAL INFECTIOUS DISEASES
<https://bit.ly/2MjfOMm>
- **Impact of De-escalation on Prognosis of Patients With Bacteremia due to Enterobacteriaceae: A Post Hoc Analysis From a Multicenter Prospective Cohort**
CLINICAL INFECTIOUS DISEASES
<https://bit.ly/2ImJQxK>

- **Antibiotics with activity against intestinal anaerobes and the hazard of acquired colonization with ceftriaxone-resistant Gram-negative pathogens in ICU patients: a propensity score-based analysis**
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY
<https://bit.ly/31HW0ZE>
- **Non-intravenous carbapenem-sparing antibiotics for definitive treatment of bacteraemia due to Enterobacteriaceae producing extended-spectrum β -lactamase (ESBL) or AmpC β -lactamase: A propensity score study**
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS
<https://bit.ly/2VdNVJZ>
- **Role of place of acquisition and inappropriate empirical antibiotic therapy on the outcome of extended-spectrum β -lactamase-producing Enterobacteriaceae infections**
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS
<https://bit.ly/2OiXcPm>
- **Impact of Levofloxacin for the Prophylaxis of Bloodstream Infection on the Gut Microbiome in Patients With Hematologic Malignancy**
OPEN FORUM INFECTIOUS DISEASE
<https://bit.ly/2oQCtYq>
- **Impact of Initial Antifungal Therapy on the Outcome of Patients With Candidemia and Septic Shock Admitted to Medical Wards: A Propensity Score–Adjusted Analysis**
OPEN FORUM INFECTIOUS DISEASE
<https://bit.ly/356dO2O>
- **Clinical and Microbiological Outcomes in Obese Patients Receiving Colistin for Carbapenem-Resistant Gram-Negative Bloodstream Infection**
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
<https://bit.ly/357dmkG>
- **Reappraisal of Linezolid Dosing in Renal Impairment To Improve Safety**
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
<https://bit.ly/2oTB9ny>
- **Pharmacodynamic Attainment of the Synergism of Meropenem and Fosfomycin Combination against *Pseudomonas aeruginosa* Producing Metallo- β -Lactamase**
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
<https://bit.ly/2Vb3fqE>
- **Diabetes, Glycemic Control, and Risk of Infection Morbidity and Mortality: A Cohort Study**
OPEN FORUM INFECTIOUS DISEASE
<https://bit.ly/2LJEFdk>

- **Efficacy of combination therapy versus monotherapy in the treatment of *Stenotrophomonas maltophilia* pneumonia**
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY
<https://bit.ly/35amx3R>
- **Impact of Catheter Management on Clinical Outcome in Adult Cancer Patients With Gram-Negative Bacteremia**
OPEN FORUM INFECTIOUS DISEASE
<https://bit.ly/2MfAl4H>
- **Impact of total body weight on rate of acute kidney injury in patients treated with piperacillin–tazobactam and vancomycin**
AMERICAN JOURNAL OF HEALTH-SYSTEM PHARMACY
<https://bit.ly/2LMjgaL>
- **Short-course versus long-course antibiotics in prosthetic joint infections: a systematic review and meta-analysis of one randomized controlled trial plus nine observational studies**
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY
<https://bit.ly/2lpxxAR>
- **Clinical cure with ceftriaxone versus ceftaroline or ceftobiprole in the treatment of staphylococcal pneumonia: a systematic review and meta-analysis**
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS
<https://bit.ly/2OmJJD2>
- **Procalcitonin-guided Antibiotic Treatment in Patients With Positive Blood Cultures: A Patient-level Meta-analysis of Randomized Trials**
CLINICAL INFECTIOUS DISEASES
<https://bit.ly/31MP3GH>
- **Oral Fluoroquinolone or Trimethoprim-sulfamethoxazole vs. β -lactams as Step-Down Therapy for Enterobacteriaceae Bacteremia: Systematic Review and Meta-analysis**
OPEN FORUM INFECTIOUS DISEASE
<https://bit.ly/31LaM1H>
- **Comparison of antimicrobial stewardship programmes in acute-care hospitals in four European countries: A cross-sectional survey**
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS
<https://bit.ly/2o36rIR>
- **Omadacycline: A Novel Tetracycline Derivative With Oral and Intravenous Formulations**
CLINICAL INFECTIOUS DISEASES
<https://bit.ly/2nn0gg4>

Guías de práctica clínica, documentos consenso

- **Microbiological Laboratory Testing in the Diagnosis of Fungal Infections in Pulmonary and Critical Care Practice. An Official American Thoracic Society Clinical Practice Guideline**
American Journal of Respiratory and Critical Care Medicine
<https://bit.ly/2MbSLmF>
- **A Guide to Understanding Antimicrobial Drug Dosing in Critically Ill Patients on Renal Replacement Therapy**
Antimicrobial Agents and Chemotherapy
<https://bit.ly/2IjPtN6>
- **Diagnosis and Treatment of Adults with Community-acquired Pneumonia. An Official Clinical Practice Guideline of the American Thoracic Society and Infectious Diseases Society of America**
American Journal of Respiratory and Critical Care Medicine
<https://bit.ly/2nBRUTY>
- **Guidelines for the management of cytomegalovirus infection in patients with haematological malignancies and after stem cell transplantation from the 2017 European Conference on Infections in Leukaemia (ECIL 7)**
THE LANCET Infectious Disease
<https://bit.ly/2ImCJW4>
- **Pneumonia (hospital-acquired): antimicrobial prescribing**
NICE guideline [NG139]
<https://bit.ly/31FEsg0>
- **Documento de posicionamiento de la Asociación Española de Pediatría-Sociedad Española de Infectología Pediátrica (AEP-SEIP) sobre el tratamiento de las infecciones por bacterias multirresistentes**
ANALES DE PEDIATRÍA
<https://bit.ly/36aU8vl>

Alertas farmacéuticas, notas informativas

- Situación del stock de Oseltamivir y medicamentos relacionados, adquiridos dentro del plan de preparación de la pandemia.

<https://bit.ly/2IG1Uut>

- Zinforo (CEFTAROLINA FOSAMIL) Extensión de indicaciones para el tratamiento de las siguientes infecciones en neonatos, niños, adolescentes y adultos: Infecciones complicadas de la piel y tejidos blandos (IPTBc) y Neumonía adquirida en la comunidad (NAC).

<https://bit.ly/30NAMIB>

Información a pacientes

- **Screening para Bacteriuria Asintomática**

JAMA Patient Page describe para que sirve el diagnóstico de bacteriuria asintomática y en que casos se recomienda tratamiento antibiótico.

<https://bit.ly/359IKiu>

- **Parotiditis**

JAMA Patient Page describe para los pacientes los síntomas, diagnóstico, tratamiento y prevención de parotiditis.

<https://bit.ly/2kPonEW>

Páginas web:

- **Aplicación informática consumo de antibióticos:**

<https://www.sefh.es/consumo-de-antibioticos/index.php>. Una app disponible para todos los socios para introducir los datos de consumo de su hospital y poder compararse con el resto de los hospitales del territorio nacional.

- **IDStewardship: Promoting Clinical Pharmacy & Antimicrobial Stewardship**

<https://www.idstewardship.com/>

- **Reflections and Infection prevention and control:** un blog que trata temas de microbiología clínica, enfermedades infecciosas y epidemiología.

<https://reflectionsipc.com/>

- **PROAntibióticos: Información y herramientas para la mejor utilización de antibióticos**

<https://proantibioticos.com/>

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