



## REVISIÓN DE LA LITERATURA. ENFERMEDADES INFECCIOSAS (NO VIH)

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### *Nuevas opciones terapéuticas*

#### **If, When, and How to Use Rifampin in Acute Staphylococcal Periprosthetic Joint Infections, a Multicentre Observational Study.**

Beldman M, Löwik C, Soriano A, Albiach L, Zijlstra WP, Knobben BAS, Jutte P, Sousa R, Carvalho A, Goswami K, Parvizi J, Belden KA, Wouthuyzen-Bakker M.

**Clin Infect Dis. 2021 Nov 2;73(9):1634-1641.** doi: 10.1093/cid/ciab426.

#### **SER-109, an Oral Microbiome Therapy for Recurrent *Clostridioides difficile* Infection.**

Feuerstadt P, Louie TJ, Lashner B, Wang EEL, Diao L, Bryant JA, Sims M, Kraft CS, Cohen SH, Berenson CS, Korman LY, Ford CB, Litcofsky KD, Lombardo MJ, Wortman JR, Wu H, Auniņš JG, McChalicher CWJ, Winkler JA, McGovern BH, Trucksis M, Henn MR, von Moltke L.

**N Engl J Med. 2022 Jan 20;386(3):220-229.** doi: 10.1056/NEJMoa2106516.

#### **Oral Tebipenem Pivoxil Hydrobromide in Complicated Urinary Tract Infection.**

Eckburg PB, Muir L, Critchley IA, Walpole S, Kwak H, Phelan AM, Moore G, Jain A, Keutzer T, Dane A, Melnick D, Talley AK.

**N Engl J Med. 2022 Apr 7;386(14):1327-1338.** doi: 10.1056/NEJMoa2105462.

### *Programas de optimización del tratamiento antimicrobiano*

#### **Seven-versus 14-day course of antibiotics for the treatment of bloodstream infections by Enterobacterales: a randomized, controlled trial.**

Molina J, Montero-Mateos E, Praena-Segovia J, León-Jiménez E, Natera C, López-Cortés LE, Valiente L, Rosso-Fernández CM, Herrero M, Aller-García AI, Cano Á, Gutiérrez-Gutiérrez B, Márquez-Gómez I, Álvarez-Marín R, Infante C, Roca C, Valiente-Méndez A, Pachón J, Reguera JM, Corzo-Delgado JE, Torre-Cisneros J, Rodríguez-Baño J, Cisneros JM; SHORTEN trial team.

**Clin Microbiol Infect. 2022 Apr;28(4):550-557.** doi: 10.1016/j.cmi.2021.09.001.

#### **Antibiotics for lower respiratory tract infection in children presenting in primary care in England (ARTIC PC): a double-blind, randomised, placebo-controlled trial.**

Little P, Francis NA, Stuart B, O'Reilly G, Thompson N, Becque T, Hay AD, Wang K, Sharland M, Harnden A, Yao G, Raftery J, Zhu S, Little J, Hookham C, Rowley K, Euden J, Harman K, Coenen S, Read RC, Woods C, Butler CC, Faust SN, Leydon G, Wan M, Hood K, Whitehurst J, Richards-Hall S, Smith P, Thomas M, Moore M, Verheij T.

**Lancet. 2021 Oct 16;398(10309):1417-1426.** doi: 10.1016/S0140-6736(21)01431-8.

#### **Efficacy and safety of discontinuing antibiotic treatment for uncomplicated respiratory tract infections when deemed unnecessary. A multicentre, randomized clinical trial in primary care.**

Llor C, Moragas A, Bayona C, Cots JM, Hernández S, Calviño O, Rodríguez M, Miravittles M.

**Clin Microbiol Infect. 2022 Feb;28(2):241-247.** doi: 10.1016/j.cmi.2021.07.035.



## Infecciones en pacientes inmunodeprimidos

### **Oral decontamination with colistin plus neomycin in solid organ transplant recipients colonized by multidrug-resistant Enterobacterales: a multicentre, randomized, controlled, open-label, parallel-group clinical trial.**

Fariñas MC, González-Rico C, Fernández-Martínez M, Fortún J, Escudero-Sanchez R, Moreno A, Bodro M, Muñoz P, Valerio M, Montejo M, Nieto J, Ruiz-San Millan JC, Casafont-Morencos F, Martínez-Martínez L, Fariñas-Álvarez C; ENTHERE Study Group, the Group for Study of Infection in Transplantation of the Spanish Society of Infectious Diseases and Clinical Microbiology (GESITRA-SEIMC) and the Spanish Network for Research in Infectious Diseases (REIPI).

**Clin Microbiol Infect.** 2021 Jun;**27(6):856-863**. doi: 10.1016/j.cmi.2020.12.016.

### **Immunoguided Discontinuation of Prophylaxis for Cytomegalovirus Disease in Kidney Transplant Recipients Treated With Antithymocyte Globulin: A Randomized Clinical Trial.**

Páez-Vega A, Gutiérrez-Gutiérrez B, Agüera ML, Facundo C, Redondo-Pachón D, Suñer M, López-Oliva MO, Yuste JR, Montejo M, Galeano-Álvarez C, Ruiz-San Millan JC, Los-Arcos I, Hernández D, Fernández-Ruiz M, Muñoz P, Valle-Arroyo J, Cano A, Rodríguez-Benot A, Crespo M, Rodelo-Haad C, Lobo-Acosta MA, Garrido-Gracia JC, Vidal E, Guirado L, Cantisán S, Torre-Cisneros J; TIMOVAL Study Group.

**Clin Infect Dis.** 2022 Mar **9;74(5):757-765**. doi: 10.1093/cid/ciab574.

## *COVID-19*

### **Clinical Characteristics and Outcomes of Patients With COVID-19-Associated Acute Respiratory Distress Syndrome Who Underwent Lung Transplant.**

Kurihara C, Manerikar A, Querrey M, Felicelli C, Yeldandi A, Garza-Castillon R Jr, Lung K, Kim S, Ho B, Tomic R, Arunachalam A, Budinger GRS, Pesce L, Bharat A.

**JAMA.** 2022 Feb **15;327(7):652-661**. doi: 10.1001/jama.2022.0204.

### **Effectiveness of the BNT162b2 Vaccine after Recovery from Covid-19.**

Hammerman A, Sergienko R, Friger M, Beckenstein T, Peretz A, Netzer D, Yaron S, Arbel R.

**N Engl J Med.** 2022 Mar **31;386(13):1221-1229**. doi: 10.1056/NEJMoa2119497.

### **Protection against SARS-CoV-2 after Covid-19 Vaccination and Previous Infection.**

Hall V, Foulkes S, Insalata F, Kirwan P, Saei A, Atti A, Wellington E, Khawam J, Munro K, Cole M, Tranquillini C, Taylor-Kerr A, Hettiarachchi N, Calbraith D, Sajedi N, Milligan I, Themistocleous Y, Corrigan D, Cromey L, Price L, Stewart S, de Lacy E, Norman C, Linley E, Otter AD, Semper A, Hewson J, D'Arcangelo S, Chand M, Brown CS, Brooks T, Islam J, Charlett A, Hopkins S; SIREN Study Group.

**N Engl J Med.** 2022 Mar **31;386(13):1207-1220**. doi: 10.1056/NEJMoa2118691.