

Antibiotic Awareness: a round-up of Cochrane evidence

Selena Ryan-Vig for Evidently Cochrane, 14 November 2017, updated 05 October 2023

Agnihotry A, Thompson W, Fedorowicz Z, van Zuuren EJ, Sprakler J. Antibiotic use for irreversible pulpitis. Cochrane Database of Systematic Reviews 2019, Issue 5. Art. No.: CD004969. DOI: 10.1002/14651858.CD004969.pub5. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004969.pub5/full>

Bonet M, Ota E, Chibueze CE, Oladapo OT. Antibiotic prophylaxis for episiotomy repair following vaginal birth. Cochrane Database of Systematic Reviews 2017, Issue 11. Art. No.: CD012136. DOI: 10.1002/14651858.CD012136.pub2. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012136.pub2/full>

Bonet M, Ota E, Chibueze CE, Oladapo OT. Routine antibiotic prophylaxis after normal vaginal birth for reducing maternal infectious morbidity. Cochrane Database of Systematic Reviews 2017, Issue 11. Art. No.: CD012137. DOI: 10.1002/14651858.CD012137.pub2. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012137.pub2/full>

Burch J and Tort S. For adults with asymptomatic or mild COVID-19, what are the effects of azithromycin? Cochrane Library, Cochrane Clinical Answers, 26 October 2021. Web. 27 October 2021. <https://doi.org/10.1002/cca.3870>

Burch J and Tort S. For adults hospitalized with moderate to severe COVID-19, what are the effects of azithromycin? Cochrane Library, Cochrane Clinical Answers, 26 October 2021. Web. 27 October 2021. <https://doi.org/10.1002/cca.3871>

Chan S, Ng S, Chan HP, Pascoe EM, Playford EG, Wong G, Chapman JR, Lim WH, Francis RS, Isbel NM, Campbell SB, Hawley CM, Johnson DW. Perioperative antibiotics for preventing post-surgical site infections in solid organ transplant recipients. Cochrane Database of Systematic Reviews 2020, Issue 8. Art. No.: CD013209. DOI: 10.1002/14651858.CD013209.pub2. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013209.pub2/full>

Cochrane UK Trainees. Why should I care about antibiotic resistance? *Evidently Cochrane* blog, 15 November 2017. Web 20 October 2018. <https://www.evidentlycochrane.net/why-care-antibiotic-resistance/>

Cohen JF, Pauchard J-Y, Hjelm N, Cohen R, Chalumeau M. Efficacy and safety of rapid tests to guide antibiotic prescriptions for sore throat. Cochrane Database of Systematic Reviews 2020, Issue 6. Art. No.: CD012431. DOI: 10.1002/14651858.CD012431.pub2. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012431.pub2/full>

Coussement J, Scemla A, Abramowicz D, Nagler EV, Webster AC. Antibiotics for asymptomatic bacteriuria in kidney transplant recipients. Cochrane Database of Systematic Reviews 2018, Issue 2. Art. No.: CD011357. DOI: 10.1002/14651858.CD011357.pub2. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011357.pub2/full>

Davey P, Marwick CA, Scott CL, Charani E, McNeil K, Brown E, Gould IM, Ramsay CR, Michie S. Interventions to improve antibiotic prescribing practices for hospital inpatients. Cochrane Database of Systematic Reviews 2017, Issue 2. Art. No.: CD003543. DOI: 10.1002/14651858.CD003543.pub4. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD003543.pub4/full>

Donovan T, Felix LM, Chalmers JD, Milan SJ, Mathioudakis AG, Spencer S. Continuous versus intermittent antibiotics for bronchiectasis. Cochrane Database of Systematic Reviews 2018, Issue 6. Art. No.: CD012733. DOI: 10.1002/14651858.CD012733.pub2. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012733.pub2/full>

Gale S. Antibiotic resistance: bacteria fighting back. *Evidently Cochrane* blog, 10 November 2017. Web. 20 October 2018. <https://www.evidentlycochrane.net/antibiotic-resistance/>

Korang SK, Nava C, Mohana SP, Nygaard U, Jakobsen JC. Antibiotics for hospital-acquired pneumonia in neonates and children. Cochrane Database of Systematic Reviews 2021, Issue 11. Art. No.: CD013864. DOI: 10.1002/14651858.CD013864.pub2. Accessed 09 November 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013864.pub2/full>

Kietpeerakool C, Chumworathayi B, Thinkhamrop J, Ussahgij B, Lumbiganon P. Antibiotics for infection prevention after excision of the cervical transformation zone. Cochrane Database of Systematic Reviews 2017, Issue 1. Art. No.: CD009957. DOI: 10.1002/14651858.CD009957.pub2. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009957.pub2/full>

Lassi ZS, Imdad A, Bhutta ZA. Short-course versus long-course intravenous therapy with the same antibiotic for severe community-acquired pneumonia in children aged two months to 59 months. Cochrane Database of Systematic Reviews 2017, Issue 10. Art. No.: CD008032. DOI: 10.1002/14651858.CD008032.pub3. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD008032.pub3/full>

Liabsuetrakul T, Choobun T, Peeyananjarassri K, Islam QM. Antibiotic prophylaxis for operative vaginal delivery. Cochrane Database of Systematic Reviews 2020, Issue 3. Art. No.: CD004455. DOI: 10.1002/14651858.CD004455.pub5. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004455.pub5/full>

McCallum GB, Plumb EJ, Morris PS, Chang AB. Antibiotics for persistent cough or wheeze following acute bronchiolitis in children. Cochrane Database of Systematic Reviews 2017, Issue 8. Art. No.: CD009834. DOI: 10.1002/14651858.CD009834.pub3. Accessed 27 October 2021. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009834.pub3/full>

Popp M, Stegemann M, Riemer M, Metzendorf M-I, Romero CS, Mikolajewska A, Kranke P, Meybohm P, Skoetz N, Weibel S. Antibiotics for the treatment of COVID-19. Cochrane Database of Systematic Reviews 2021, Issue 10. Art. No.: CD015025. DOI: 10.1002/14651858.CD015025. Accessed 27 October 2021. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD015025/full>

Schuetz P, Wirz Y, Sager R, Christ-Crain M, Stolz D, Tamm M, Bouadma L, Luyt CE, Wolff M, Chastre J, Tubach F, Kristoffersen KB, Burkhardt O, Welte T, Schroeder S, Nobre V, Wei L, Bucher HCC, Bhatnagar N, Annane D, Reinhart K, Branche A, Damas P, Nijsten M, de Lange DW, Deliberato RO, Lima SSS, Maravić-Stojković V, Verduri A, Cao B, Shehabi Y, Beishuizen A, Jensen JUS, Corti C, Van Oers JA, Falsey AR, de Jong E, Oliveira CF, Beghe B, Briel M, Mueller B. Procalcitonin to initiate or discontinue antibiotics in acute respiratory tract infections. Cochrane Database of Systematic Reviews 2017, Issue 10. Art. No.: CD007498. DOI: 10.1002/14651858.CD007498.pub3. Accessed 27 October 2021. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD007498.pub3/full>

Spencer S, Donovan T, Chalmers JD, Mathioudakis AG, McDonnell MJ, Tsang A, Leadbetter P. Intermittent prophylactic antibiotics for bronchiectasis. Cochrane Database of Systematic Reviews 2022, Issue 1. Art. No.: CD013254. DOI: 10.1002/14651858.CD013254.pub2. Accessed 20 January 2022. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013254.pub2/full>

Spencer S, Felix LM, Milan SJ, Normansell R, Goeminne PC, Chalmers JD, Donovan T. Oral versus inhaled antibiotics for bronchiectasis. Cochrane Database of Systematic Reviews 2018, Issue 3. Art. No.: CD012579. DOI: 10.1002/14651858.CD012579.pub2. Accessed 27 October 2021. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012579.pub2/full>

Spinks A, Glasziou PP, Del Mar CB. Antibiotics for treatment of sore throat in children and adults. Cochrane Database of Systematic Reviews 2021, Issue 12. Art. No.: CD000023. DOI: 10.1002/14651858.CD000023.pub5. Accessed 17 December 2021. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD000023.pub5/full>

Spurling GKP, Dooley L, Clark J, Askew DA. Immediate versus delayed versus no antibiotics for respiratory infections. Cochrane Database of Systematic Reviews 2023, Issue 10. Art. No.: CD004417. DOI: 10.1002/14651858.CD004417.pub6. Accessed 05 October 2023. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004417.pub6/full>

Sudarsanam TD, Rupali P, Tharyan P, Abraham OC, Thomas K. Pre-admission antibiotics for suspected cases of meningococcal disease. Cochrane Database of Systematic Reviews 2017, Issue 6. Art. No.: CD005437. DOI: 10.1002/14651858.CD005437.pub4. Accessed 27 October 2021.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD005437.pub4/full>

Temtanakitpaisan T, Buppasiri P, Lumbiganon P, Laopaiboon M, Rattanakanokchai S. Prophylactic antibiotics for preventing infection after continence surgery in women with stress urinary incontinence. Cochrane Database of Systematic Reviews 2022, Issue 3. Art. No.: CD012457. DOI: 10.1002/14651858.CD012457.pub2. Accessed 04 April 2022.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012457.pub2/full>

Ware L. Apocalypse now: antimicrobial resistance. *Evidently Cochrane* blog, 13 November 2021. Web. 20 October 2018. <https://www.evidentlycochrane.net/apocalypse-now-antimicrobial-resistance/>