

Bronchiolitis: evidence and guidance for practice

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References

National Institute for Health and Care Excellence. Bronchiolitis in children: diagnosis and management. London: National Institute for Health and Care Excellence; 2021. (NICE NG9). [Issued June 2015; last updated August 2021]. Available from: <https://www.nice.org.uk/guidance/ng9>

Beggs S, Wong ZH, Kaul S, Ogden KJ, Walters JAE. High-flow nasal cannula therapy for infants with bronchiolitis. *Cochrane Database of Systematic Reviews* 2014, Issue 1. Art. No.: CD009609. DOI: 10.1002/14651858.CD009609.pub2. <http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD009609.pub2/full>

Dalziel SR, Haskell L, O'Brien S, Borland ML, Plint AC, Babl FE, Oakley E. Bronchiolitis. *Lancet* 2022 Jul 1:S0140-6736(22)01016-9. doi: 10.1016/S0140-6736(22)01016-9. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(22\)01016-9/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(22)01016-9/fulltext)

Farley R, Spurling GKP, Eriksson L, Del Mar CB. Antibiotics for bronchiolitis in children under two years of age. *Cochrane Database of Systematic Reviews* 2014, Issue 10. Art. No.: CD005189. DOI: 10.1002/14651858.CD005189.pub4. <http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD005189.pub4/full>

Garegnani L, Styrnisdóttir L, Roson Rodriguez P, Escobar Liquitay CM, Esteban I, Franco JVA. Palivizumab for preventing severe respiratory syncytial virus (RSV) infection in children. *Cochrane Database of Systematic Reviews* 2021, Issue 11. Art. No.: CD013757. DOI: 10.1002/14651858.CD013757.pub2. Accessed 16 December 2021. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013757.pub2/full>

Gill PJ, Anwar MR, Kornelsen E, Parkin P, Mahood Q, Mahant S. Parenteral versus enteral fluid therapy for children hospitalised with bronchiolitis. *Cochrane Database of Systematic Reviews* 2021, Issue 12. Art. No.: CD013552. DOI: 10.1002/14651858.CD013552.pub2 <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013552.pub2/full>

Jat KR, Dsouza JM, Mathew JL. Continuous positive airway pressure (CPAP) for acute bronchiolitis in children. *Cochrane Database of Systematic Reviews* 2022, Issue 4. Art. No.: CD010473. DOI: 10.1002/14651858.CD010473.pub4. Accessed 04 April 2022. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD010473.pub4/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. <http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD009834.pub3/full>

Roqué-Figuls M, Giné-Garriga M, Granados Rugeles C, Perrotta C, Vilaró J. Chest physiotherapy for acute bronchiolitis in paediatric patients between 0 and 24 months old. Cochrane Database of Systematic Reviews 2023, Issue 4. Art. No.: CD004873. DOI: 10.1002/14651858.CD004873.pub6.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004873.pub6/full>

Zhang L, Mendoza-Sassi RA, Wainwright CE, Aregbesola A, Klassen TP. Nebulised hypertonic saline solution for acute bronchiolitis in infants. Cochrane Database of Systematic Reviews 2023, Issue 4. Art. No.: CD006458. DOI: 10.1002/14651858.CD006458.pub5.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD006458.pub5/full>

Related Cochrane Clinical Answers:

Li S-TT. “For infants with acute bronchiolitis, what are the benefits and harms of nebulized hypertonic saline solution?” Cochrane Library, Cochrane Clinical Answers, 26 February 2018. Web. 8 December 2021. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.1977/full>

Li S-TT. “Does randomized controlled trial evidence support the use of antibiotics to treat infants with persistent cough or wheeze who have had acute bronchiolitis?” Cochrane Library, Cochrane Clinical Answers, 16 November 2017. Web. 8 December 2021. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.1907/full>