**Cochrane evidence on COVID-19: a round-up**

**Sarah Chapman for *Evidently Cochrane* 10 September 2020**

**References**

**Detecting COVID-19**

**Signs and symptoms of COVID-19**

**Cochrane Review:**

Struyf T, Deeks JJ, Dinnes J, Takwoingi Y, Davenport C, Leeflang MMG, Spijker R, Hooft L, Emperador D, Dittrich S, Domen J, Horn SR A, Van den Bruel A. Signs and symptoms to determine if a patient presenting in primary care or hospital outpatient settings has COVID‐19 disease. *Cochrane Database of Systematic Reviews* 2020, Issue 7. Art. No.: CD013665. DOI: 10.1002/14651858.CD013665. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013665/full>

**Blog:**

Chapman S. “Signs and symptoms of COVID-19: new Cochrane evidence.” *Evidently Cochrane* blog, 8 July 2020. Web. 07 September 2020. <https://www.evidentlycochrane.net/signs-symptoms-covid-19/>

**Cochrane Podcast**:

Struyf T. Can symptoms and medical examination accurately diagnose COVID-19 disease? Cochrane Library, Cochrane Podcasts, 9 July 2020. Web. 9 September 2020. <https://www.cochrane.org/podcasts/10.1002/14651858.CD013665>

**Cochrane Clinical Answer:**

Burch J, Jackson C, Bunt C. “What is the accuracy of World Health Organization (WHO)‐specified and related COVID‐19 symptoms for diagnosis of COVID‐19?” Cochrane Library, Cochrane Clinical Answers, 17 July 2020. Web. 7 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3215/full>

**Antibody tests for COVID-19**

**Cochrane Review:**

Deeks JJ, Dinnes J, Takwoingi Y, Davenport C, Spijker R, Taylor-Phillips S, Adriano A, Beese S, Dretzke J, Ferrante di Ruffano L, Harris IM, Price MJ, Dittrich S, Emperador D, Hooft L, Leeflang MMG, Van den Bruel A. Antibody tests for identification of current and past infection with SARS‐CoV‐2. *Cochrane Database of Systematic Reviews* 2020, Issue 6. Art. No.: CD013652. DOI: 10.1002/14651858.CD013652. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013652/full>

**Blog:**

Chapman S. **“**Antibody tests for COVID-19: new evidence on test accuracy and some considerations.” *Evidently Cochrane* blog, 26 June 2020. Web. 07 September 2020. <https://www.evidentlycochrane.net/antibody-tests/>

**Rapid tests for COVID-19, done during a healthcare visit**

**Cochrane Review:**

Dinnes J, Deeks JJ, Adriano A, Berhane S, Davenport C, Dittrich S, Emperador D, Takwoingi Y, Cunningham J, Beese S, Dretzke J, Ferrante di Ruffano L, Harris IM, Price MJ, Taylor-Phillips S, Hooft L, Leeflang MMG, Spijker R, Van den Bruel A. [Rapid, point‐of‐care antigen and molecular‐based tests for diagnosis of SARS‐CoV‐2 infection.](https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013705/full) *Cochrane Database of Systematic Reviews* 2020, Issue 8. Art. No.: CD013705. DOI: 10.1002/14651858.CD013705.

**Measures to control the spread of COVID-19**

**Quarantine for controlling COVID-19**

**Cochrane Review:**

Nussbaumer-Streit B, Mayr V, Dobrescu AI, Chapman A, Persad E, Klerings I, Wagner G, Siebert U, Christof C, Zachariah C, Gartlehner G. Quarantine alone or in combination with other public health measures to control COVID‐19: a rapid review. *Cochrane Database of Systematic Reviews* 2020, Issue 4. Art. No.: CD013574. DOI: 10.1002/14651858.CD013574. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013574/full>

**Blogs:**

Chapman S. “Quarantine for controlling COVID-19 (coronavirus). New Cochrane evidence.” *Evidently Cochrane* blog, 9 April 2020. Web. 07 September 2020. <https://www.evidentlycochrane.net/quarantine-covid-19/>

Chapman S. ““Stay at home” rules: what makes people more likely to stick to quarantine?” *Evidently Cochrane* blog, 26 March 2020. Web. 07 September 2020. <https://www.evidentlycochrane.net/quarantine/>

**Cochrane Podcast**:

Nussbaumer-Streit B. How effective is quarantine alone or combined with other public health measures to control coronavirus (COVID-19)? Cochrane Library, Cochrane Podcasts, 8 April 2020. Web. 9 September 2020. <https://www.cochrane.org/podcasts/10.1002/14651858.CD013574>

**Cochrane Clinical Answers:**

Burch J, Bunt B. “What are the effects of quarantine plus other measures for controlling the spread of COVID‐19?” Cochrane Library, Cochrane Clinical Answers, 20 April 2020. Web. 7 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3053/full>

Burch J, Bunt B. “What are the effects of quarantine for close contacts of people with confirmed COVID‐19?” Cochrane Library, Cochrane Clinical Answers, 20 April 2020. Web. 7 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3054/full>

Burch J, Bunt B. “What are the effects of quarantine for individuals travelling from a country with a declared COVID‐19 outbreak?” Cochrane Library, Cochrane Clinical Answers, 20 April 2020. Web. 7 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3055/full>

**Contact tracing**

**Cochrane Review:**

Anglemyer A, Moore THM, Parker L, Chambers T, Grady A, Chiu K, Parry M, Wilczynska M, Flemyng E, Bero L. Digital contact tracing technologies in epidemics: a rapid review. *Cochrane Database of Systematic Reviews* 2020, Issue 8. Art. No.: CD013699. DOI: 10.1002/14651858.CD013699.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013699/full>

**Cochrane Clinical Answer:**

Burch J, Jackson C. “During epidemics, how effective are digital contact tracing technologies for identifying secondary cases and close contacts?” Cochrane Library, Cochrane Clinical Answers, 7 September 2020. Web. 9 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3262/full>

### **Personal Protective Equipment (PPE) for healthcare workers**

**Cochrane Reviews:**

Verbeek JH, Rajamaki B, Ijaz S, Sauni R, Toomey E, Blackwood B, Tikka C, Ruotsalainen JH, Kilinc Balci FS. Personal protective equipment for preventing highly infectious diseases due to exposure to contaminated body fluids in healthcare staff. *Cochrane Database of Systematic Reviews* 2020, Issue 4. Art. No.: CD011621. DOI: 10.1002/14651858.CD011621.pub4.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011621.pub5/full>

Houghton C, Meskell P, Delaney H, Smalle M, Glenton C, Booth A, Chan XHS, Devane D, Biesty LM. Barriers and facilitators to healthcare workers’ adherence with infection prevention and control (IPC) guidelines for respiratory infectious diseases: a rapid qualitative evidence synthesis. *Cochrane Database of Systematic Reviews* 2020, Issue 4. Art. No.: CD013582. DOI: 10.1002/14651858.CD013582. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013582/full>

**Cochrane Podcast:**

Houghton C. Factors that influence whether healthcare workers follow infection prevention and control guidelines for respiratory infectious diseases. Cochrane Library, Cochrane Podcasts, 21 April 2020. Web. 9 September 2020. <https://www.cochrane.org/podcasts/10.1002/14651858.CD013582>

**Cochrane Clinical Answers:**

Burch J, Bunt C. “Which type of personal protective equipment (PPE), and which interventions to increase PPE use by healthcare workers, help reduce the spread of highly infectious diseases?” Cochrane Library, Cochrane Clinical Answers, 18 May 2020. Web. 8 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3056/full>

Burch J, Hammerschmidt J. “What are the organizational, environmental, and individual barriers and facilitators affecting healthcare workers' adherence to infection prevention and control (IPC) guidelines for respiratory infectious diseases?” Cochrane Library, Cochrane Clinical Answers, 5 May 2020. Web. 8 September 2020.

<https://www.cochranelibrary.com/cca/doi/10.1002/cca.3067/full>

**Treating people with COVID-19**

**Convalescent plasma**

**Cochrane Review:**

Piechotta V, Chai KL, Valk SJ, Doree C, Monsef I, Wood EM, Lamikanra A, Kimber C, McQuilten Z, So-Osman C, Estcourt LJ, Skoetz N. Convalescent plasma or hyperimmune immunoglobulin for people with COVID‐19: a living systematic review. *Cochrane Database of Systematic Reviews* 2020, Issue 7. Art. No.: CD013600. DOI: 10.1002/14651858.CD013600.pub2. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013600.pub2/full>

**Oxygen therapy**

Cumpstey AF, Oldman AH, Smith AF, Martin D, Grocott MPW. Oxygen targets in the intensive care unit during mechanical ventilation for acute respiratory distress syndrome: a rapid review. *Cochrane Database of Systematic Reviews* 2020, Issue 9. Art. No.: CD013708. DOI: 10.1002/14651858.CD013708. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013708/full>

## **Cochrane Podcast:**

Piechotta V. Plasma from people who have recovered from COVID-19 to treat individuals with COVID-19. Cochrane Library, Cochrane Podcasts, 6 August 2020. Web. 9 September 2020. <https://www.cochrane.org/podcasts/10.1002/14651858.CD013600.pub2>

## **Cochrane Clinical Answers:**

Burch J, Bunt C. “What are the effects of convalescent plasma for people with COVID-19?” Cochrane Library, Cochrane Clinical Answers, 24 July 2020. Web. 9 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3216/full>

Tort S, Burch J. “For people with acute respiratory distress syndrome (ARDS) requiring mechanical ventilation, how do conservative and liberal oxygen targets compare?” Cochrane Library, Cochrane Clinical Answers, 8 September 2020. Web. 9 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3281/full>

## **The impact of the pandemic on other areas of health and wellbeing**

**Interventions for heavy menstrual bleeding**

**Cochrane Review:**

Bofill Rodriguez M, Lethaby A, Farquhar C, Duffy JMN. Interventions commonly available during pandemics for heavy menstrual bleeding: an overview of Cochrane Reviews. *Cochrane Database of Systematic Reviews* 2020, Issue 7. Art. No.: CD013651. DOI: 10.1002/14651858.CD013651.pub2. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013651.pub2/full>

**Cochrane Podcast:**

Hirsch M, Duffy J. Interventions available during pandemics for heavy menstrual bleeding: an overview of Cochrane Reviews. Cochrane Library, Cochrane Podcasts, 6 August 2020. Web. 9 September 2020. <https://www.cochrane.org/podcasts/10.1002/14651858.CD013651.pub2>

**Cochrane Clinical Answers:**

Burch J, Tort S. “Can interventions commonly available during pandemics control heavy menstrual bleeding?” Cochrane Library, Cochrane Clinical Answers, 8 August 2020. Web. 8 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3254/full>

Burch J, Tort S. “How do interventions commonly available during pandemics compare in terms of control of heavy menstrual bleeding?” Cochrane Library, Cochrane Clinical Answers, 8 August 2020. Web. 8 September 2020 <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3255/full>

**Routine vaccinations during the pandemic**

**Cochrane Review:**

Di Pietrantonj C, Rivetti A, Marchione P, Debalini MG, Demicheli V. Vaccines for measles, mumps, rubella, and varicella in children. *Cochrane Database of Systematic Reviews* 2020, Issue 4. Art. No.: CD004407. DOI: 10.1002/14651858.CD004407.pub4. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD004407.pub4/full>

**Blog:**

McCormack S. “MMR vaccines: do they work and are they safe?” *Evidently Cochrane* blog, 11 June 2020. Web. 08 September 2020. <https://www.evidentlycochrane.net/mmr-vaccines/>

**Cochrane Clinical Answers:**

Burch J, Ciapponi A. “What benefits and harms are associated with the childhood measles/mumps/rubella (MMR) vaccine?” Cochrane Library, Cochrane Clinical Answers, 13 July 2020. Web. 8 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3186/full>

Burch J, Ciapponi A. “What are the benefits and harms of varicella added to the childhood measles/mumps/rubella vaccine (MMRV or MMR+V)?” Cochrane Library, Cochrane Clinical Answers, 13 July 2020. Web. 8 September 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3166/full>

**Social isolation and loneliness in older people**

**Cochrane Review:**

Noone C, McSharry J, Smalle M, Burns A, Dwan K, Devane D, Morrissey EC. Video calls for reducing social isolation and loneliness in older people: a rapid review. *Cochrane Database of Systematic Reviews* 2020, Issue 5. Art. No.: CD013632. DOI: 10.1002/14651858.CD013632.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013632/full>

**Blog:**

Chapman S. “Loneliness in older people: could video calls help?” *Evidently Cochrane* blog, 18 June 2020. Web. 08 September 2020. <https://www.evidentlycochrane.net/loneliness-older-people/>

**Cochrane Podcast:**

Noone C. Video calls for reducing social isolation and loneliness in older people. Cochrane Library, Cochrane Podcasts, 5 June 2020. Web. 9 September 2020. <https://www.cochrane.org/podcasts/10.1002/14651858.CD013632>

**Cochrane Clinical Answer:**

Burch J, Bunt C. “Can regular video calls from relatives reduce social isolation and loneliness among older adults in nursing homes?” Cochrane Library, Cochrane Clinical Answers, 3 June 2020. Web. 8 September 2020.

<https://www.cochranelibrary.com/cca/doi/10.1002/cca.3119/full>

**Quitting smoking**

**Cochrane Special Collection:**

Hartmann-Boyce J, Lindson N, Lasserson T, Mehta M. Coronavirus (COVID-19): infection control and prevention measures. Cochrane Library, Cochrane Special Collections, 11 May 2020. Web. 08 September 2020. <https://www.cochranelibrary.com/collections/doi/SC000042/full>

**Blog:**

Chapman S, Ryan-Vig S. “Smoking and coronavirus (COVID-19): time to quit.” *Evidently Cochrane* blog, 03 April 2020. Web. 08 September 2020. <https://www.evidentlycochrane.net/smoking-and-coronavirus/>

**Keeping up to date: Cochrane resources and news on coronavirus (COVID-19) – continually updated**

Cochrane. Coronavirus (COVID-19): Cochrane resources and news. Cochrane.org. Web. 9 September 2020. <https://www.cochrane.org/coronavirus-covid-19-cochrane-resources-and-news>