Personal protective equipment (PPE) for healthcare workers: new Cochrane evidence

Sarah Chapman for Evidently Cochrane 28 April 2020 updated 15 May 2020

References and further reading and podcasts

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

Related 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. 28 April

2020. https://www.cochrane.org/podcasts/10.1002/14651858.CD013582

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 5. Art. No.: CD011621. DOI: 10.1002/14651858.CD011621.pub5.

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

Related Cochrane Clinical Answer:

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, 17 April 2020. Web. 21 April 2020. https://www.cochranelibrary.com/cca/doi/10.1002/cca.3056/full

Related Cochrane Podcast:

Rajamäki B. "Protective clothes and equipment for healthcare workers to prevent them catching coronavirus and other highly infectious diseases." Cochrane Library, Cochrane Podcasts, 9 April 2020. Web. 21 April

2020. https://www.cochrane.org/podcasts/10.1002/14651858.CD011621.pub4

Related Cochrane Special Collection:

Bero L, Lasserson T, Opiyo N, Featherstone R, Mehta M. Coronavirus (COVID-19): infection control and prevention measures. Cochrane Library, Cochrane Special Collections, 21 April 2020. Web. 21 April

2020. https://www.cochranelibrary.com/collections/doi/SC000040/full

University Hospital Southampton NHS Foundation Trust's news blog

University Hospital Southampton NHS Foundation Trust. "Hospital trust becomes first to introduce pioneering respirator hoods for staff treating coronavirus patients". University Hospital Southampton NHS Foundation Trust, news, 23 April 2020. Web. 27 April 2020. https://www.uhs.nhs.uk/AboutTheTrust/Newsandpublications/Latestnews/2020/April/Hospital-trust-becomes-first-to-introduce-pioneering-respirator-hoods-for-staff-treating-coronavirus-patients.aspx

University of Southampton's Project page (includes manufacturing partners involved: Formula 1's McLaren; National Oceanography Centre and Kemp Sails); open access to technical specifications; news items (YouTube videos); FAQs)
University of Southampton. Personal Respirator for Healthcare Professionals Treating COVID-19 (PeRSo): project outline. University of Southampton, public policy. Web. 27 April 2020. https://www.southampton.ac.uk/publicpolicy/support-for-policymakers/policy-projects/perso.page

BBC South YouTube news item

BBC South. "BBC South: PERSO Respirator PPE introduced on hospital wards". 24 April 2020. YouTube video. 27 April

2020. https://www.youtube.com/watch?v=56rqJGaYf8w&feature=youtu.be

Department for International Trade, UK Government. "UK firm pioneers technology to help communication in hospitals: CARDMEDIC's digital flashcards are being used in hospitals in 47 countries following support from the Department for International Trade." UK Government, news, press release, 26 April 2020. Web. 28 April 2020. https://www.gov.uk/government/news/uk-firm-pioneers-technology-to-help-communication-in-hospitals

The Guardian

PA Media. "UK doctor invents digital flashcards to help COVID-19 patients understand staff: Cardmedic overcomes communication barrier caused by healthcare staff wearing PPE." The Guardian, news, 25 April 2020. Web. 27 April

 $\textbf{2020.} \ \underline{\text{https://www.theguardian.com/world/2020/apr/25/uk-doctor-invents-digital-flashcards-to-help-covid-19-patients-understand-staff}$