AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE



On the Radar

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For information about the Commission and its programs and publications, please visit <u>https://www.safetyandquality.gov.au</u> You can also follow us on Twitter @ACSQHC.

On the Radar Editor: Dr Niall Johnson <u>niall.johnson@safetyandquality.gov.au</u> Contributors: Niall Johnson, Kathy Meleady

Infection Prevention and Control in Aged Care - training support resource module <u>https://nhhi.southrock.com</u>

The Australian Commission on Safety and Quality in Health Care is expanding its suite of online learning resources to also support infection prevention and control (IPC) training in the aged care sector. This work has been undertaken in conjunction with the New South Wales Clinical Excellence Commission (CEC) and the Aged Care Quality and Safety Commission (ACQSC).

The Infection Prevention and Control in Aged Care - training support resource online module has just been published and is the second module in the aged care suite, following publication of the Basics of Infection Prevention and Control for Aged Care module.

This new module has been developed as a resource for those responsible for delivering IPC training to aged care workers in the aged care setting, such as registered nurses and IPC leads.

The module is available now to learners who are registered with the NHHI Learning Management System at <u>https://nhhi.southrock.com</u>

Reports

Combating Antimicrobial Resistance and Protecting the Miracle of Modern Medicine National Academies of Sciences, Engineering, and Medicine. Buckley GJ, Palmer GH, editors. Washington, DC: The National Academies Press; 2021.

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DOI	https://doi.org/10.17226/26350
Notes	The [US] National Academies of Sciences, Engineering, and Medicine have published
	this report reviewing the issue and significance of antimicrobial resistance. The report
	discusses ways to improve detection of resistant infections, including monitoring
	environmental reservoirs of resistance. It sets out ways of improving stewardship and
	preventing infections in humans and animals. The report also discusses the strength of
	the pipeline for new antimicrobial medicines and steps that could be taken to bring a
	range of preventive and therapeutic products for humans and animals to market.

For information on the Commission's work on antimicrobial resistance, see <u>https://www.safetyandquality.gov.au/our-work/antimicrobial-resistance</u>

For information on the Commission's work on antimicrobial stewardship, see <u>https://www.safetyandquality.gov.au/our-work/antimicrobial-stewardship</u>

Journal articles

Hospital work environments affect the patient safety climate: A longitudinal follow-up using a logistic regression analysis model

Brubakk K, Svendsen MV, Deilkås ET, Hofoss D, Barach P, Tjomsland O PLOS ONE. 2021;16(10):e0258471.

DOI	https://doi.org/10.1371/journal.pone.0258471
	The notion that a positive healthcare work environment would also be one that is
	conducive to safe care seems self-evidently true. This paper reports on a longitudinal
	study that sought to evaluate the association between work environment
	characteristics and the patient safety climate in hospital units. The study used
	responses in 91,255 surveys collected from Norwegian hospital staff from 970 clinical
	units in all 21 hospitals of the South-Eastern Norway Health Region over 3 years.
	The authors report that 'work environment characteristics were associated with
Notes	significant changes in raising and maintaining a safety climate—essential for
	delivering safe and reliable care. Creating a hospital work environment where staff
	physical and psychological safety are a priority is key to an effective patient
	safety improvement strategy.' The authors also suggest that 'safety culture efforts
	should not be restricted to inspiring staff to reduce risks to their patients but should
	also include genuine staff buy-in and support of improvement efforts by hospital
	management to improve the usability and support for robust occupational
	environments.'

Fidelity and the impact of patient safety huddles on teamwork and safety culture: an evaluation of the Huddle Up for Safer Healthcare (HUSH) project

Lamming L, Montague J, Crosswaite K, Faisal M, McDonach E, Mohammed MA, et al BMC Health Services Research. 2021;21(1):1038.

DOI	https://doi.org/10.1186/s12913-021-07080-1
	Huddles and other forms of team interactions have been used to identify and
	ameliorate various issues, including patient safety risks. This paper reports on an
	evaluation of a project (The Huddle Up for Safer Healthcare (HUSH) project) that
	attempted to scale up the implementation of patient safety huddles (PSHs) in five
Notes	hospitals – 92 wards - across three UK NHS Trusts. The evaluation sought to assess
	their fidelity, time to embed, and impact on teamwork and safety culture. The study
	found that the huddles had become embedded in 64 wards and concluded that
	patient safety huddles are 'feasible and effective for improving teamwork and
	safety culture, especially for nurses.'

BMJ Quality & Safety

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	$\frac{1}{21} - \frac{1}{20}$
URL	https://qualitysafety.bmj.com/content/30/11
	A new issue of BMJ Quality & Safety has been published. Many of the papers in this
	issue have been referred to in previous editions of <i>On the Radar</i> (when they were
	released online). Articles in this issue of BMJ Quality & Safety include:
	• Editorial: Accreditation in health care: does it make any difference to patient
	outcomes? (Natalie Bracewell, David E Winchester)
	• Editorial: Sustaining quality improvement efforts: emerging principles and
	practice (Robert E Burke, Perla J Marang-van de Mheen)
	• Impact of trauma centre accreditation on mortality and complications in
	a Canadian trauma system: an interrupted time series analysis (Brice Batomen,
	Lynne Moore, Erin Strumpf, Howard Champion, Arijit Nandi)
	• Effectiveness of chest pain centre accreditation on the management of
	acute coronary syndrome: a retrospective study using a national database
	(Pengfei Sun, Jianping Li, Weiyi Fang, Xi Su, Bo Yu, Yan Wang, Chunjie Li,
	Hu Chen, Xingang Wang, Bin Zhang, Yuxi Li, Mohetaboer Momin, Ying Shi,
Notes	Haibo Wang, Yan Zhang, Dingcheng Xiang, Yong Huo)
INOICS	• Sustainability of paediatric asthma care quality in community hospitals
	after ending a national quality improvement collaborative (Sarah Schechter,
	Sravya Jaladanki, Jonathan Rodean, Brittany Jennings, Marquita Genies,
	Michael D Cabana, Sunitha Vemula Kaiser)
	• How sensitive are avoidable emergency department attendances to
	primary care quality? Retrospective observational study (Beth Parkinson,
	Rachel Meacock, Kath Checkland, Matt Sutton)
	• Smart agent system for insulin infusion protocol management: a
	simulation-based human factors evaluation study (Michael A Rosen, Mark
	Romig, Zoe Demko, Noah Barasch, Cynthia Dwyer, Peter J Pronovost, Adam
	Sapirstein)
	• SEIPS 101 and seven simple SEIPS tools (Richard J Holden, P Carayon)
	• Improving timeliness of hepatitis B vaccine administration in an urban safety
	net level III NICU (Madoka Hayashi, Theresa R Grover, Steve Small, Tessa
	Staples, Genie Roosevelt)
L	

URL https://qualitysafety.bmj.com/content/early/recent BMJ Quality & Safety has published a number of 'online first' articles, including: • Filling a gap in safety metrics: development of a patient-centred framework to identify and categorise patient-reported breakdowns related to the diagnostic process in ambulatory care (Sigall K Bell, Fabienne Bourgeois, Catherine M DesRoches, Joe Dong, Kendall Harcourt, Stephen K Liu, Elizabeth Lowe, Patricia McGaffigan, Long H Ngo, Sandy A Novack, James D Ralston, Liz Salmi, Suz Schrandt, Sue Sheridan, Lauge Sokol-Hessner, Glenda Thomas, Eric J Thomas)

BMJ Quality & Safety online first articles

International Journal for Quality in Health Care online first articles

URL	https://academic.oup.com/intqhc/advance-articles
	International Journal for Quality in Health Care has published a number of 'online first'
	articles, including:
	Ensuring Medication Safety for Consumers From Ethnic Minority
	Backgrounds: The Need to Address Unconscious Bias Within Health
	Systems (Ashfaq Chauhan, Ramesh Lahiru Walpola)
	• Effect of Automated Unit Dose Dispensing With Barcode Scanning on
Notes	Medication Administration Errors: An Uncontrolled Before-and-After
notes	Study (Janique Gabriëlle Jessurun, Nicole Geertruida Maria Hunfeld, Joost van
	Rosmalen, Monique van Dijk, Patricia Maria Lucia Adriana van den Bemt)
	Mapping the Quality of Basic and Comprehensive Emergency Obstetric Care
	Services in Haiti (Adeyinka E Adegbosin, Jan Marnken, Jing Sun)
	• A Novel Conceptual Approach to Lean: Value, Psychological Conditions
	for Engagement With Work and Perceived Organisational Support in
	Hospital Care (Latif Al-Hakim, Nick Sevdalis)

Online resources

Decision-making for pandemics: an ethics framework

https://www.nhmrc.gov.au/research-policy/COVID-19-impacts

The NHMRC has released *Decision-making for pandemics: an ethics framework* to support policy development and facilitate ethical decision-making during pandemics. The framework provides core values and procedural principles and tools for applying them to real-world scenarios via analysis and case studies. It has been developed in partnership with consumer groups and experts in clinical, public health and research ethics.

[UK] NICE Guidelines and Quality Standards https://www.nice.org.uk/guidance

The UK's National Institute for Health and Care Excellence (NICE) has published new (or updated) guidelines and quality standards. The latest reviews or updates are:

 NICE Guideline NG205 Looked-after children and young people https://www.nice.org.uk/guidance/ng205

[USA] AHRQ Perspectives on Safety

The US Agency for Healthcare Research and Quality (AHRQ) publishes Perspectives on Safety essays. Recent essays include:

- *Health Equity and Maternal Health* https://psnet.ahrq.gov/perspective/health-equity-and-maternal-health
- *EMS Patient Safety in the Field* https://psnet.ahrq.gov/perspective/ems-patient-safety-field
- COVID-19 and the Built Environment
 <u>https://psnet.ahrq.gov/perspective/covid-19-and-built-environment</u>
- Safety Culture in EMS <u>https://psnet.ahrq.gov/perspective/safety-culture-ems</u>
 Patient Safety in Home Dialysis <u>https://psnet.ahrq.gov/perspective/patient-safety-home-dialysis</u>

[USA] Effective Health Care Program reports

https://effectivehealthcare.ahrq.gov/

The US Agency for Healthcare Research and Quality (AHRQ) has an Effective Health Care (EHC) Program. The EHC has released the following final reports and updates:

- Physical Activity and the **Health of Wheelchair Users**: A Systematic Review in Multiple Sclerosis, Cerebral Palsy, and Spinal Cord Injury <u>https://effectivehealthcare.ahrq.gov/products/physical-activity-wheelchair/research</u>
- Developing and Piloting a Tool To Create **Dot Plots To Summarize Pooled Data for Multiple Outcomes** in Systematic Reviews <u>https://effectivehealthcare.ahrq.gov/products/tool-dot-plots/methods-report</u>
- A Prioritized Research Agenda for Using the Harmonized Outcome Measures To Support **Patient**-Centered Outcomes Research in Depression <u>https://effectivehealthcare.ahrq.gov/sites/default/files/pdf/prioritized-research-agenda.pdf</u>
- Outcome Measure Harmonization and Data Infrastructure for **Patient-Centered Outcomes Research** *in Depression*: Data Use and Governance Toolkit
 https://effectivehealthcare.ahrg.gov/sites/default/files/pdf/outcomes-research-depression.pdf

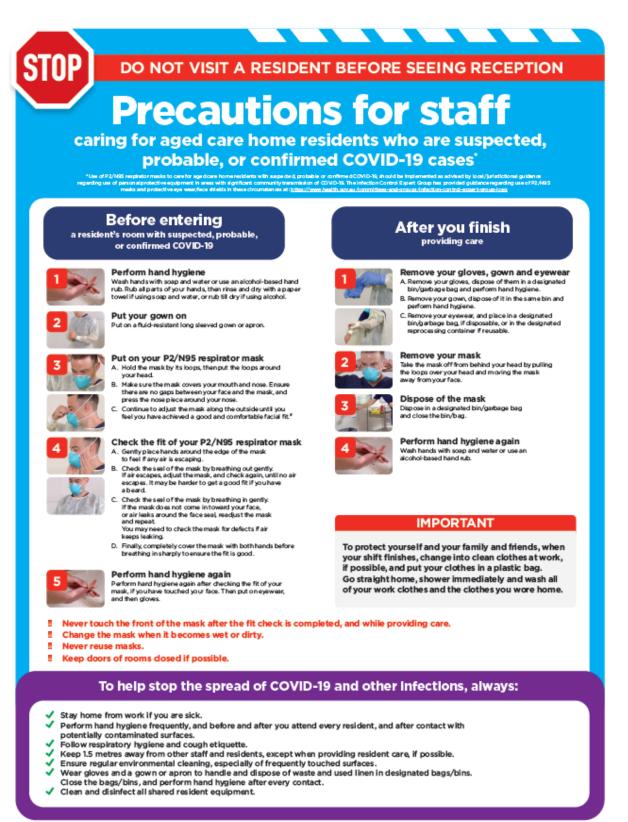
COVID-19 resources

https://www.safetyandquality.gov.au/covid-19

The Australian Commission on Safety and Quality in Health Care has developed a number of resources to assist healthcare organisations, facilities and clinicians. These and other material on COVID-19 are available at https://www.safetyandquality.gov.au/covid-19

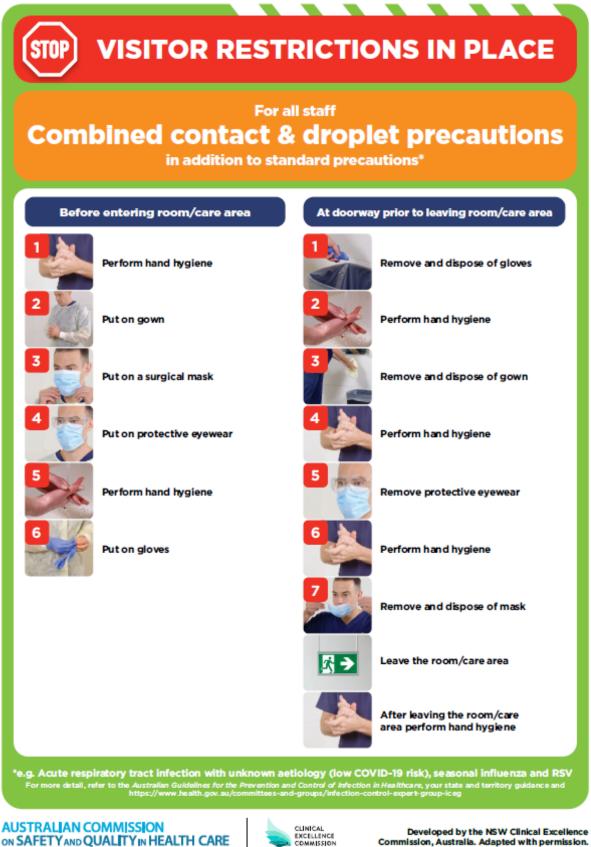
These resource include:

- COVID-19 infection prevention and control risk management https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19infection-prevention-and-control-risk-management-guidance
- *Poster PPE use for aged care staff caring for residents with COVID-19* <u>https://www.safetyandquality.gov.au/publications-and-resource-library/poster-ppe-use-aged-care-staff-caring-residents-covid-19</u>



*There are many types of respirator masks. Follow the manufacture's instructions for the brand you are using

AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE The content of this poster was informed by resources developed by the NSW Clinical Excelence Commission and the Victorian Department of Health and Numan Services. Photos reproduced with permission from the NSW Clinical Excelence Commission. • *Poster – Combined contact and droplet precautions* <u>https://www.safetyandquality.gov.au/publications-and-resources/resource-library/poster-</u> <u>combined-contact-and-droplet-precautions</u>



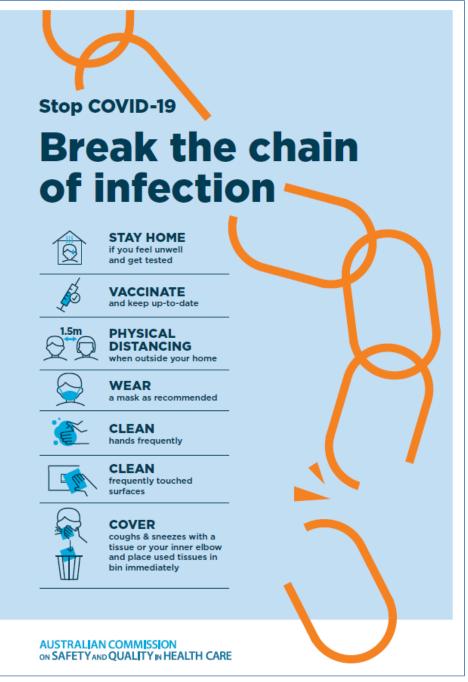
Poster – Combined airborne and contact precautions • https://www.safetyandquality.gov.au/publications-and-resources/resource-library/postercombined-airborne-and-contact-precautions



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Excellence Commission and the Australian Government Infection Control Expert Group. Photos reproduced with permission of the NSW Clinical Excellence Commission.

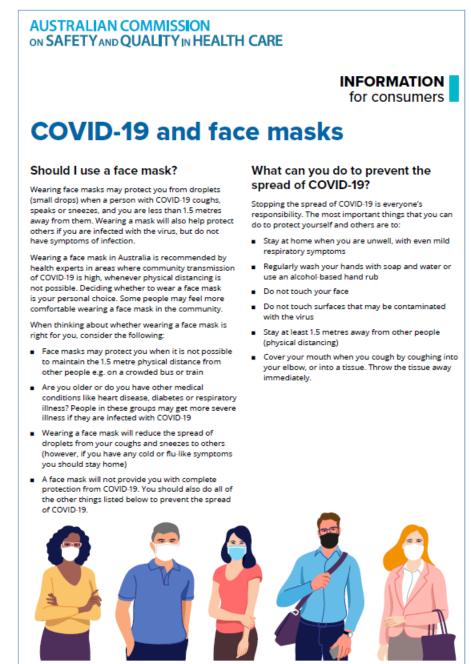
- Environmental Cleaning and Infection Prevention and Control www.safetyandquality.gov.au/environmental-cleaning
- Infection prevention and control Covid-19 PPE poster <u>https://www.safetyandquality.gov.au/publications-and-resources/resource-library/infection-prevention-and-control-covid-19-personal-protective-equipment</u>
- COVID-19 infection prevention and control risk management Guidance https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19infection-prevention-and-control-risk-management-guidance
- Safe care for people with cognitive impairment during COVID-19 https://www.safetyandquality.gov.au/our-work/cognitive-impairment/cognitive-impairmentand-covid-19
- Stop COVID-19: Break the chain of infection poster https://www.safetyandquality.gov.au/publications-and-resources/resource-library/break-chaininfection-poster-a3



- FAQs for clinicians on elective surgery https://www.safetyandquality.gov.au/node/5724
- FAQs for consumers on elective surgery https://www.safetyandquality.gov.au/node/5725
- FAQs on community use of face masks https://www.safetyandquality.gov.au/faqs-community-use-face-masks
- COVID-19 and face masks Information for consumers <u>https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19-and-face-masks-information-consumers</u>

The Commission's fact sheet on use of face masks in the community to reduce the spread of COVID-19 is now available in Easy English and 10 other community languages from https://www.safetyandquality.gov.au/wearing-face-masks-community.

The factsheet was developed to help people understand when it is important to wear a mask to reduce the risk of the spread of COVID-19, and to explain how to safely put on and remove face masks. It also reinforces the importance of staying home if you have symptoms, physical distancing, hand hygiene and cough etiquette.



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National COVID-19 Clinical Evidence Taskforce https://covid19evidence.net.au/

The National COVID-19 Clinical Evidence Taskforce is a collaboration of peak health professional bodies across Australia whose members are providing clinical care to people with COVID-19. The taskforce is undertaking continuous evidence surveillance to identify and rapidly synthesise emerging research in order to provide national, evidence-based guidelines and clinical flowcharts for the clinical care of people with COVID-19. The guidelines address questions that are specific to managing COVID-19 and cover the full disease course across mild, moderate, severe and critical illness. These are 'living' guidelines, updated with new research in near real-time in order to give reliable, up-to-the minute advice to clinicians providing frontline care in this unprecedented global health crisis.

COVID-19 Critical Intelligence Unit

https://www.aci.health.nsw.gov.au/covid-19/critical-intelligence-unit

The Agency for Clinical Innovation (ACI) in New South Wales has developed this page summarising rapid, evidence-based advice during the COVID-19 pandemic. Its operations focus on systems intelligence, clinical intelligence and evidence integration. The content includes a daily evidence digest and evidence checks on a discrete topic or question relating to the current COVID-19 pandemic. There is also a 'Living evidence' section summarising key studies and emerging evidence on **COVID-19 vaccines** and **SARS-CoV-2 variants**.

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