AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE



On the Radar

Issue 678 9 December 2024

On the Radar is a summary of some of the recent publications in the areas of safety and quality in health care. Inclusion in this document is not an endorsement or recommendation of any publication or provider. Access to particular documents may depend on whether they are Open Access or not, and/or your individual or institutional access to subscription sites/services. Material that may require subscription is included as it is considered relevant.

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On the Radar Editor: Dr Niall Johnson

Reports

National guide to preventive healthcare for Aboriginal and Torres Strait Islander people: Recommendations Fourth ed.

National Aboriginal Community Controlled Health Organisation, The Royal Australian College of General Practitioners. East Melbourne: RACGP; 2024. p. 324.

TIDI	https://www.racgp.org.au/clinical-resources/clinical-guidelines/key-racgp-
URL	guidelines/national-guide
N	The National Aboriginal Community Controlled Health Organisation (NACCHO)
	and The Royal Australian College of General Practitioners (RACGP) recently released
	the fourth edition of the National guide to preventive healthcare for Aboriginal and Torres Strait
	Islander people: Recommendations. The guide is a practical resource intended for all health
Notes	professionals delivering primary healthcare to Aboriginal and/or Torres Strait Islander
	people. Its purpose is to provide GPs and other health professionals with an
	accessible, user-friendly guide to best practice preventive healthcare for Aboriginal and
	Torres Strait Islander patients.

Quality Improvement Toolkit Safer Care Victoria Melbourne: SCV; 2024.

URL	https://www.safercare.vic.gov.au/best-practice-improvement/quality- improvement/toolkit	
Notes	Safer Care Victoria has also released this toolkit to help Victorian health services improve the quality of care. The toolkit includes fact sheets, practical tools, templates and resources to aid services to identify and issues, solution and develop and measure effective improvement strategies and activities.	

Health at a Glance: Asia/Pacific 2024

OECD, World Health Organization

Paris: OECD Publishing; 2024.

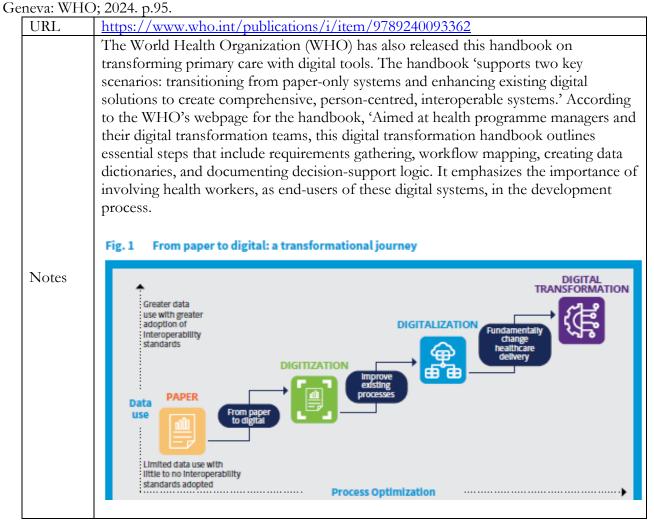
113. OLOD I ubisining, 2021.		
	URL https://www.oecd.org/en/publications/health-at-a-glance-asia-pacific- 2024_51fed7e9-en/full-report.html	
	Notes	This report from the OECD and the WHO presents indicators on health status, determinants of health, healthcare resources and utilisation, health expenditure and financing, and quality of care for 27 Asia-Pacific countries and territories, including Australia.'

Global report on infection prevention and control 2024 World Health Organization Geneva: WHO; 2024. p.210.

ileva. writ	<i>J</i> ; 2024. p.210.
URL	https://www.who.int/publications/i/item/9789240103986
	The World Health Organization (WHO) has released their second global report on infection prevention and control (IPC) providing updated evidence on the harm caused to patients and health workers by health care-associated infections (HAIs) and antimicrobial resistance (AMR). The report also presents an updated global analysis of the implementation of IPC programmes at the national and health care facility levels across all WHO regions. The report notes that 'HAIs are among the most frequent adverse events occurring in the context of health service delivery. These infections, many of which are caused by multidrug-resistant organisms, harm patients, visitors and health workers and place a significant burden on health systems, including the associated increased costs.'
Notes	Fig. 1. Average global percentage of patients with at least one HAI in acute care hospitals, 2022–2023. Average percentage of patients in a cute care hospital who will acquire at least one HAI during their stay
	Image: Abbreviations: HAI, health care-associated infection; LMICs, low- and middle-income countries; HICs, high-income countries; EU/EEA,
	European Union/European Economic Area. Source: (3, 4, 5).

For information on the Commission's work on infection prevention and control see <u>https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control</u>

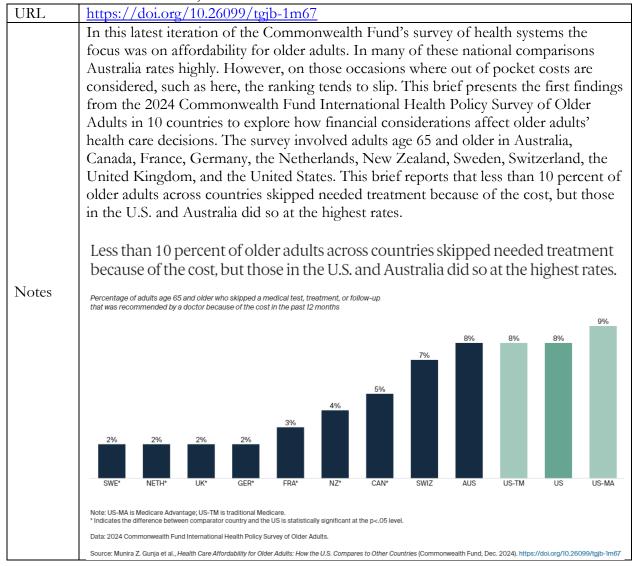
Digital transformation handbook for primary health care: optimizing person-centred point of service systems World Health Organization



Healthcare provision in prisons: continuity of care. Investigation report Health Services Safety Investigation Body Poole: HSSIB: 2024.

010.110010,2021.	
URL	https://www.hssib.org.uk/patient-safety-investigations/healthcare-provision-in- prisons/second-investigation-report/
Notes	The Health Services Safety Investigation Body (HSSIB) in the UK has released this second recent report into healthcare provision in UK prisons. This report focuses on the continuity of care for patients in prison. In this context, 'continuity of care' meant maintaining a patient's healthcare throughout the prison system regardless of their location. The investigation considered the movement of patients between prisons, to and from court, and on release.

Health Care Affordability for Older Adults: How the U.S. Compares to Other Countries Gunja MZ, Jacobson G, Leonard F, Williams RD III New York: Commonwealth Fund; 2024.



Journal articles

Addressing antimicrobial resistance with digital approaches

The Lancet Digital Health

DOI	DOI <u>https://www.thelancet.com/series/AMR-and-digital-approaches</u>	
Notes	<i>The Lancet Digital Health</i> has produced a Series on Addressing antimicrobial resistance (AMR) with digital approaches comprised of three papers discussing the advances and challenges in digital health approaches to AMR. The papers explore how digital health technologies may optimize antimicrobial use worldwide, enhance the management of maternal, fetal, and neonatal infections, and develop innovative diagnostic tools for infectious diseases and AMR.	

For information on the Commission's work on antimicrobial resistance see <u>Antimicrobial resistance |</u> <u>Australian Commission on Safety and Quality in Health Care</u>

Clinicians' perspective of the opioid analgesic stewardship in acute pain clinical care standard Dutkiewicz C, Liu S, Patanwala A, McLachlan AJ, Stevens J, Khor KE, et al Health Policy and Technology 2024;13:100936.

DOI	https://doi.org/10.1016/j.hlpt.2024.100936
Notes	The Opioid Analgesic Stewardship in Acute Pain Clinical Care Standard released in 2022 describes the key components of care that patients can expect when they are prescribed opioid analgesics for acute pain in acute care settings. This paper reports on a study involving qualitative interviews of 32 clinicians 'including 10 doctors, 10 pharmacists, and 12 nurses from 26 sites across Australia' that sought to 'explore clinicians' perspectives of the implementation of the Standard'. From their analyses, the authors report that 'Key findings from this study included the importance of local data to increase organizational prioritization, availability of resources and staffing to increase organizational capacity for implementation to implement the Opioid Stewardship Standard.'

For information on the *Opioid Analgesic Stewardship in Acute Pain Clinical Care Standard* see <u>https://www.safetyandquality.gov.au/standards/clinical-care-standards/opioid-analgesic-stewardship-acute-pain-clinical-care-standard</u>

The Joint Commission Journal on Quality and Patient Safety Volume 50, Issue 12, December 2024

UDI	https://www.sciencedirect.com/journal/the-joint-commission-journal-on-quality-and-
URL	patient-safety/vol/50/issue/12
Notes	 A new issue of <i>The Joint Commission Journal on Quality and Patient Safety</i> has been published. Articles in this issue of <i>The Joint Commission Journal on Quality and Patient Safety</i> include: Editorial: Supporting Professionalism in a Crisis Requires Leadership and a Well-Developed Plan (Gerald B Hickson) Strategies to Mitigate the Pandemic Aftermath on Perioperative Professionalism (Crystal C Wright, Maureen D Triller, Anne S Tsao, Stephanie A Zajac, Mark W Clemens) Partnership as a Pathway to Diagnostic Excellence: The Challenges and Successes of Implementing the Safer Dx Learning Lab (Jennifer Sloane, Hardeep Singh, Divvy K Upadhyay, Saritha Korukonda, Traber D Giardina) Identification of Hospitalized Patients Who May Benefit from a Serious Illness Conversation Using the Readmission Risk Score Combined with the Surprise Question (Myrna Katalina Serna, Katrina Grace Sadang, Hanna B Vollbrecht, Catherine Yoon, Jeffrey L. Schnipper) Engaging Physicians in Improvement Priorities Through the American Board of Medical Specialties Portfolio Program (Teena Nelson, Spencer Walter, Ann Williamson, Kevin Graves, Greg Ogrinc) The Burden of Health Care Utilization, Cost, and Mortality Associated with Select Surgical Site Infections (Sonali Shambhu, Aliza S Gordon, Ying Liu, Maximilian Pany, Eugene Hsu) Reducing Automated Dispensing Cabinet Overrides in the Perianesthesia Care Unit: A Quality Improvement Project (Christine D Franciscovich, Anna Bieniek, Katie Dunn, Ursula Nawab) Accuracy of a Proprietary Large Language Model in Labeling Obstetric Incident Reports (Jeanene Johnson, Conner Brown, Grace Lee, Keith Morse)

•	Quality and Simulation Professionals Should Collaborate (Amy Lu, May C M Pian-Smith, Amanda Burden, Gladys L Fernandez, R H Steadman)
•	Protecting Parkinson's Patients : Hospital Care Standards to Avoid Preventable Harm (Peter Pronovost, Hooman Azmi, Michael S Okun, Benjamin Walter, Sheera Rosenfeld)
•	Preserving Resources: The Vital Role of Antimicrobial Stewardship Programs in Mitigating Antimicrobial Shortages (Jennifer A Schweiger, Nicole M Poole, Sarah K Parker, John S Kim, Christine E MacBrayne)
•	The Joint Commission Journal on Quality and Patient Safety 50th Anniversary Article Collections: Patient Communication

Australian Health Review

Volume 48, Number 6, December 2024

URL	https://www.publish.csiro.au/ah/issue/11615
	A new issue of Australian Health Review has been published. Articles in this issue of
	Australian Health Review include:
	• Medicare-reimbursed psychiatric consultations before and after telehealth
	expansion in Australia: a time series study (Luke Sy-Cherng Woon, Paul A
	Maguire, Rebecca E Reay, Murthy Mittinty, T Bastiampillai and J C L Looi)
	• Utilisation of Medicare chronic disease management item numbers for
	people with cancer in Queensland, Australia (Md Mijanur Rahman, Shafkat
	Jahan, Bogda Koczwara, Mahesh Iddawela, Raymond J Chan, Elysia
	Thornton-Benko, Gail Garvey and Nicolas H Hart)
	• Standardising workforce cost estimates across Australian jurisdictions:
	genomic testing as a use case (Dylan A Mordaunt)
	• Predicting hospital bed utilisation for post-surgical care by means of the
	Monte Carlo method with historical data (Andy Wong, Rob Eley, Paul Corry,
	Brendan Hoad and Prasad Yarlagadda)
	• Spatial clusters of potentially preventable hospitalisations and access to
	allied health services in South Western Sydney: a geospatial study (Janelle
	Gifford, Soumya Mazumdar, Matthew Jennings, Bin Jalaludin and S Dennis)
Notes	• External validation and comparative analysis of the HOSPITAL score and
	LACE index for predicting readmissions among patients hospitalised with community-acquired pneumonia in Australia (Yogesh Sharma, Arduino A
	Mangoni, Chris Horwood and Campbell Thompson)
	 The carbon footprint of total knee replacements (Forbes McGain, Kasun
	Wickramarachchi, Lu Aye, Brandon G Chan, Nicole Sheridan, Phong Tran
	and Scott McAlister)
	• Utility of a digital app to enhance patient–nurse communications and
	patient involvement in bedside handover: patient and nurse perceptions
	(Penelope Casey, Eva Yuen, Raj Liskaser, Philippa Blencowe, Leanne Boyd,
	Mohamed Abdelrazek, Zoe Wang and Julie Considine)
	• Leading innovation in transdisciplinary care (Martin Chadwick, Jennifer R
	Hemler and Benjamin F Crabtree)
	• The Living Well, Living Longer program: an integrated care strategy to
	improve the health of people living with severe mental illness (Andrew
	Simpson, Lisa Parcsi and Andrew McDonald)
	• Models of care for voluntary assisted dying : a qualitative study of
	Queensland's approach in its first year of operation (Ben P White, Amanda
	Ward, Rachel Feeney, Laura Ley Greaves and Lindy Willmott)

•	A digitally enabled health workforce for Australia (Anna Janssen, Melissa
	Baysari, Christina Igasto, Kate Quirke, Petra Milnes, Tim Shaw and A Dunn)
•	Accreditation as a lever for change in the development of the collaborative
	practitioner in the Australian health system (Fiona Kent, Lynda Cardiff,
	Bronwyn Clark, Julie Gustavs, Brian Jolly, Josephine Maundu, Glenys
	Wilkinson and Sarah Meiklejohn)
•	Chief executive officers retention model for Australian hospitals (Nebu
	Mathew, Chaojie (George) Liu and Hanan Khalil)
•	Voluntary assisted dying: impacts on health professionals (Geetanjali (Tanji)
	Lamba, Camille LaBrooy, Sophie Lewis, Ian Olver, Alexander Holmes,
	Cameron Stewart and Paul Komesaroff)
•	Feasibility of an allied health led, workplace delivered Long COVID service
	for hospital staff: a mixed-methods study (Aruska N D'Souza, Catherine L
	Granger, Zoe Calulo Rivera, Aisling Burke, Riley Ngwenya, Carly Struck,
	Myvanwy Merrett, Timothy N Fazio, Genevieve Juj and Casey L Peiris)

Health Affairs Volume 43, Number 12, December 2024

URL	https://www.healthaffairs.org/toc/hlthaff/43/12
Notes	 A new issue of <i>Health Affairs</i> has been published with the themes 'Risk Adjustment, Insurance Markets and more'. Articles in this issue of <i>Health Affairs</i> include: Nonprofit Hospitals And Community Investment: New Approaches (Marianne Amoss) Upcoding Linked To Up To Two-Thirds Of Growth In Highest-Intensity Hospital Discharges In 5 States, 2011–19 (Daniel Crespin, Michael Dworsky, Jonathan Levin, Teague Ruder, and Christopher M Whaley) Excess Diagnosis Coding In Medicare Advantage: Evidence From Skilled Nursing Facility Clinical Assessments (Cyrus M Kosar, Hannah O James, Daeho Kim, Amal N Trivedi, Rachel M Werner, M Rahman, and D J Meyers) Lack Of Persistent Coding In Traditional Medicare May Widen The Risk-Score Gap With Medicare Advantage (Niru Ghoshal-Datta, Michael E Chernew, and J Michael McWilliams) Medicare Advantage: National Carriers Expand Market Share While Regional Carriers Without Affiliation Decline, 2012–23 (Joseph G P Hnath, J Michael McWilliams, and Michael E Chernew) Prevalence And Profits Of Insurers In The Administrative Services Only Market Serving Self-Insured Employers, 2010–22 (Jean M Abraham, Amanda C Cook, and E. Tice Sirmans) Promoting Access To Hospital Care In Rural Areas: Current Approaches And Ongoing Challenges (Caitlin Carroll, V Berquist, and M E Chernew) Providers Paid Substantially Less By Marketplace Nongroup Insurers Than By Employer Small-Group Plans, 2021 (Caroline Hanson, Ian McCarthy, Eamon Molloy, and Karen Stockley) Hospital Payment Caps Could Save State Employee Health Plans Millions While Keeping Hospital Operating Margins Healthy (Roslyn C Murray, Christopher M Whaley, Erin C Fuse Brown, and Andrew M Ryan) Strengths And Weaknesses Of Introducing An Inflation Factor Into The Medicare Physician Fee Schedule (Michael E Chernew, Ateev Mehr

Children's Mental Health: Living With Parents Who Had Adverse
Childhood Experiences (Sandra L Decker, G Meille, X Wu, and S H Zuvekas)
• More US Pharmacies Closed Than Opened In 2018–21; Independent
Pharmacies, Those In Black, Latinx Communities Most At Risk (Jenny S
Guadamuz, G.Caleb Alexander, Genevieve P Kanter, and Dima Mazen Qato)
Medicare Local Coverage Determinations: Evidence Quality Is Stronger
For Covered Indications (Osman Moneer, Maryam Mooghali, Khadeeja
Moosa, Reshma Ramachandran, Joseph S Ross, and Sanket S Dhruva)
US Trends In Anticancer Medicine Pricing And The Impact Of
Competition, 2014–20 (R M Conti, C Mcglave, M B Rosenthal, and D Rodin)
The Idea Of A Good Daughter (Jennifer Beard)

BMJ Quality & Safety online first articles

URL	https://qualitysafety.bmj.com/content/early/recent
	BMJ Quality & Safety has published a number of 'online first' articles, including:
	• Large-scale observational study of AI-based patient and surgical material
Notes	verification system in ophthalmology: real-world evaluation in 37 529 cases
	(Hitoshi Tabuchi, Naofumi Ishitobi, Hodaka Deguchi, Yuta Nakaniida,
	Hayato Tanaka, Masahiro Akada, Mao Tanabe)

Online resources

Australian Living Evidence Collaboration https://livingevidence.org.au/

Hot weather resources: prepare, stay cool, recover

https://www.ahcwa.org.au/2024/11/21/climate-health-resources/ The Aboriginal Health Council of Western Australia has developed a resource package to provide information on how to stay safe during heatwaves or unexpected weather changes.

Quality Use of Medicines Alliance

https://medcast.com.au/qhub

https://qum.hcca.org.au/

The Quality Use of Medicines Alliance is funded through the Quality Use of Diagnostics, Therapeutics and Pathology (QUDTP) Program of the Australian Department of Health and Aged Care. An alliance of 8 organisations it is focused on improving the quality use of medicines (QUM) in primary care. The Alliance has work underway in 4 priority areas:

- Atopic dermatitis (eczema)
- Gout
- Antidepressants in older adults
- Oral anticoagulants.

Each program has a range of foundational resources such as management algorithms, care plans, decision support tools and factsheets, supported by educational activities including educational visits/academic detailing, peer group learning, webinars, podcasts, blogs and toolkits for <u>health</u> professionals and resources for <u>consumers</u>.

Health Innovation Series - e-Medication Safety

https://www.mq.edu.au/research/research-centres-groups-and-facilities/healthypeople/centres/australian-institute-of-health-innovation/our-projects/Health-Innovation-Series/health-innovation-series-e-medication-safety

The Health Innovation Series from the Australian Institute of Health Innovation at Macquarie University has had a number of recent issues added, including:

- Are you on autopilot? Fatal errors involving automated dispensing cabinets
- Patching the system: transdermal patch removal reminders
- The devil is in the detail safe paracetamol dosing for under- and overweight children and adults
- So many options in the Dose Calculator, which dose is right?
- The curious case of the 100-fold overdose
- The dangers of copying a previous order. Don't be a copycat.

[Canada] Health Workforce Innovation Challenge

https://www.healthcareexcellence.ca/en/what-we-do/all-programs/health-workforce-innovationchallenge/

Healthcare Excellence Canada conducted their Health Workforce Innovation Challenge to healthcare organisations across Canada in 2023 to 2024. The webpage includes information on how healthcare organizations are addressing workforce challenges including details on strategies and success stories.

[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 include:

• Quality Standard QS19 *Meningitis (bacterial) and meningococcal disease* <u>https://www.nice.org.uk/guidance/qs19</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:

• Research Protocol: Misuse of **Prescription Stimulants** in Adults <u>https://effectivehealthcare.ahrq.gov/products/misuse-prescription</u>

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

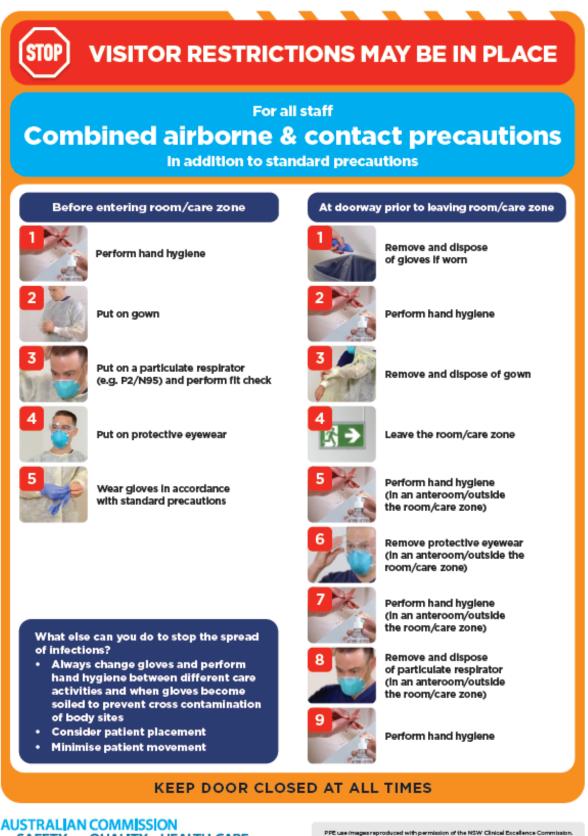
These resources include:

Poster – Combined contact and droplet precautions ٠ https://www.safetyandquality.gov.au/publications-and-resources/resource-library/infectionprevention-and-control-poster-combined-contact-and-droplet-precautions VISITOR RESTRICTIONS MAY BE IN PLACE $\sin 0$ For all staff **Combined contact & droplet precautions*** in addition to standard precautions Before entering room/care zone At doorway prior to leaving room/care zone Remove and dispose Perform hand hygiene of gloves if worn Put on gown Perform hand hyglene Remove and dispose of gown Put on surgical mask Perform hand hyglene Put on protective eyewear Wear gloves, In accordance Remove protective eyewear with standard precautions Perform hand hygiene Remove and dispose of mask What else can you do to stop the spread of infections? Always change gloves and perform hand hygiene between different care Leave the room/care zone activities and when gloves become soiled to prevent cross contamination of body sites **Consider patient placement** Perform hand hygiene Minimise patient movement *e.g. Acute respiratory tract infection with unknown aetiology, seasonal influenza and respiratory syncytial virus (RSV) For more detail, refer to the Australian Guidelines for the Prevention and Control of Infection In Healthcare and your state and territory guidance.

AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

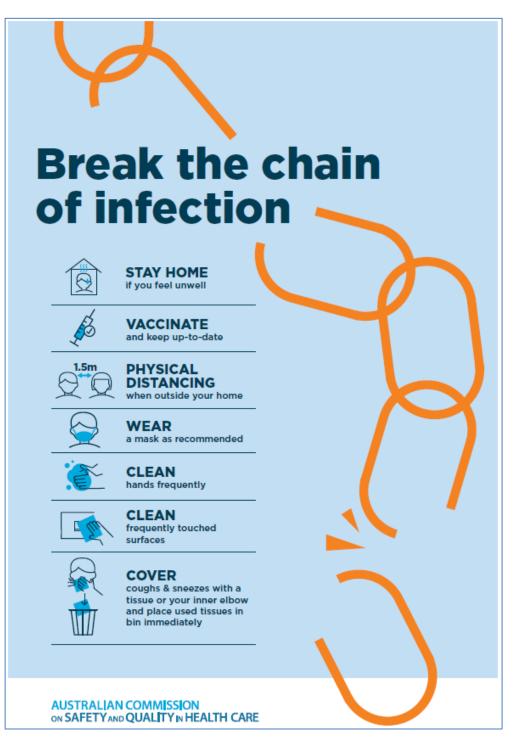
PPE use images reproduced with permission of the NSW Clinical Excellence Commission.

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



ON SAFETY AND QUALITY IN HEALTH CARE

- Environmental Cleaning and Infection Prevention and Control www.safetyandquality.gov.au/environmental-cleaning
- 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
- Break the chain of infection poster https://www.safetyandquality.gov.au/publications-and-resources/resource-library/break-chaininfection-poster



• COVID-19 and face masks – Information for consumers https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19and-face-masks-information-consumers

AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

INFORMATION for consumers

COVID-19 and face masks

Should I use a face mask?

Wearing face masks may protect you from droplets (small drops) when a person with COVID-19 coughs, speaks or sneezes, and you are less than 1.5 metres away from them. Wearing a mask will also help protect others if you are infected with the virus, but do not have symptoms of infection.

Wearing a face mask in Australia is recommended by health experts in areas where community transmission of COVID-19 is high, whenever physical distancing is not possible. Deciding whether to wear a face mask is your personal choice. Some people may feel more comfortable wearing a face mask in the community.

When thinking about whether wearing a face mask is right for you, consider the following:

- Face masks may protect you when it is not possible to maintain the 1.5 metre physical distance from other people e.g. on a crowded bus or train
- Are you older or do you have other medical conditions like heart disease, diabetes or respiratory illness? People in these groups may get more severe illness if they are infected with COVID-19
- Wearing a face mask will reduce the spread of droplets from your coughs and sneezes to others (however, if you have any cold or flu-like symptoms you should stay home)
- A face mask will not provide you with complete protection from COVID-19. You should also do all of the other things listed below to prevent the spread of COVID-19.

What can you do to prevent the spread of COVID-19?

Stopping the spread of COVID-19 is everyone's responsibility. The most important things that you can do to protect yourself and others are to:

- Stay at home when you are unwell, with even mild respiratory symptoms
- Regularly wash your hands with soap and water or use an alcohol-based hand rub
- Do not touch your face
- Do not touch surfaces that may be contaminated with the virus
- Stay at least 1.5 metres away from other people (physical distancing)
- Cover your mouth when you cough by coughing into your elbow, or into a tissue. Throw the tissue away immediately.



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