



On the Radar

Issue 508
26 April 2021

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 niall.johnson@safetyandquality.gov.au
Contributors: Niall Johnson, Gillian Giles, Alice Bhasale, Meredith Page



Third and Fourth Degree Perineal Tears Clinical Care Standard

Australian Commission on Safety and Quality in Health Care
Sydney: ACSQHC; 2021. p. 46.

<https://www.safetyandquality.gov.au/standards/clinical-care-standards/third-and-fourth-degree-perineal-tears-clinical-care-standard>

The Australian Commission on Safety and Quality in Health Care, in consultation with consumers and health professionals working in maternity care, has developed the *Third and Fourth Degree Perineal Tears Clinical Care Standard*.

Perineal tears are common among women giving birth in Australia. While most perineal tears heal well, some women experience more serious tears that can have significant physical and psychological impact.

The new standard will help to reduce the risk of a serious tear and ensure that women receive appropriate treatment and support throughout their birthing experience.

The *Third and Fourth Degree Perineal Tears Clinical Care Standard* includes seven quality statements and a set of indicators for safe and appropriate care.



Fourth Australian Atlas of Healthcare Variation launch

Do all Australians receive the same evidence-based health care, no matter where they live? If not, where does it vary, and why?

Join us for the online launch of the *Fourth Australian Atlas of Healthcare Variation*. Mapping healthcare use across the country, the new Atlas highlights variation across six clinical topics including early planned births and chronic disease and infection.

The Hon Greg Hunt MP will officially launch the Atlas and speak about what it means for the Australian health system. Professor John Newnham AM, 2020 Senior Australian of the Year and Professor in Obstetrics & Gynaecology at The University of Western Australia, will speak about the findings on early caesarean section births, and why reducing avoidable early births should be a national priority. Professor Paul Kelly, Chief Medical Officer, Australian Government Department of Health, will speak on the significant differences in hospitalisation rates for people with chronic diseases across Australia.

Date: Wednesday **28 April 2021**

Time: **12.00–1.00pm** (AEST)

Location: Online

Click [here](#) to register.

Produced in partnership with the Australian Institute of Health and Welfare, our Atlas series identifies variation for a range of procedures, investigations, treatments and hospitalisations. With recommendations to reduce unwarranted variation, it provides opportunities to minimise low value care, improve the equity of care and improve patient outcomes.

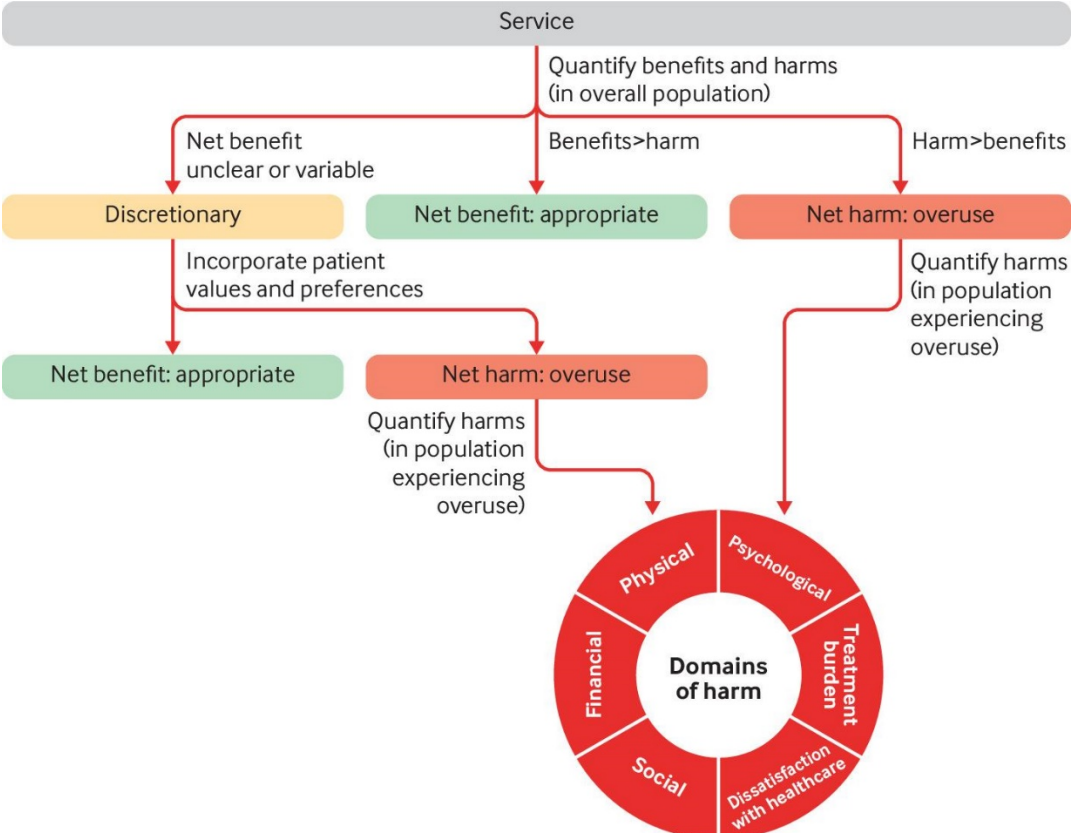
Find out more about the Atlas series and healthcare variation on our website or email us at atlas@safetyandquality.gov.au

Journal articles

Better understanding the downsides of low value healthcare could reduce harm


Brownlee SM, Korenstein D

BMJ. 2021;372:n117.

DOI	https://doi.org/10.1136/bmj.n117
Notes	<p>The arguments against low value care are numerous. These include that lack of clinical benefit, the waste, the increased expenditure, the potential of harm to patients through unnecessary activity, the opportunity cost of unnecessary care that means patients who might otherwise be treated and benefit are not treated, etc. The authors of this piece in the <i>BMJ</i> consider that there has been a lack of ‘attention on the physical and psychological harms of overuse has hampered efforts to reduce it’. They observed that ‘Harm from overuse of low value services is entirely preventable, at least theoretically: avoid delivering the ineffective or inappropriate service and it cannot hurt the patient.’ The authors identify their key messages as being:</p> <ul style="list-style-type: none"> • Overuse of low value healthcare services has often been cast primarily as a problem of waste; it is also a source of preventable physical and psychological harm to patients • Emphasising overuse as waste might signal to patients that efforts to avoid unnecessary services are an attempt to ration needed care • Understanding the scope of preventable harm caused by overuse could provide both patients and clinicians with incentives to avoid it • Few national or international databases collect data on how often adverse events occur during delivery of unnecessary services, how many patients are involved, or how serious the harms are • Quantifying harm from overuse will require new research methods and better collection of harms data from clinical studies.  <p>The flowchart starts with a grey box labeled 'Service'. An arrow points down to the text 'Quantify benefits and harms (in overall population)'. From this point, three paths emerge: <ul style="list-style-type: none"> Left path: Labeled 'Net benefit unclear or variable', leading to a yellow box 'Discretionary'. An arrow from 'Discretionary' points down to a green box 'Net benefit: appropriate', with the text 'Incorporate patient values and preferences' next to the arrow. Middle path: Labeled 'Benefits > harm', leading to a green box 'Net benefit: appropriate'. Right path: Labeled 'Harm > benefits', leading to an orange box 'Net harm: overuse'. An arrow from 'Net harm: overuse' points down to a red circular diagram labeled 'Domains of harm'. Additionally, an arrow from the 'Net harm: overuse' box (under the 'Harm > benefits' path) points to the text 'Quantify harms (in population experiencing overuse)'. Another arrow from this text points to the 'Domains of harm' diagram. A second arrow from the 'Net harm: overuse' box (under the 'Discretionary' path) also points to the 'Domains of harm' diagram. The 'Domains of harm' diagram is a red circle divided into six segments: Physical, Psychological, Treatment burden, Disatisfaction with healthcare, Social, and Financial.</p>

Promise and perils of patient decision aids for reducing low-value care

Thompson R, Muscat DM, Jansen J, Cox D, Zadro JR, Traeger AC, et al
 BMJ Quality & Safety. 2021;30(5):407-411.

DOI	http://dx.doi.org/10.1136/bmjqs-2020-012312
Notes	<p>A means of addressing low value care has been to attempt to make clinical decision making more sensitive to the issues. This Australian study examined the potential role of shared decision making and patient decision aids. Patient decision aids provide patients information about the treatment options Decision aids are not intended to encourage or discourage a particular option but rather to facilitate a choice based on a patient’s individual values and goal.</p> 

For information on the Commission’s work on shared decision making, see <https://www.safetyandquality.gov.au/our-work/partnering-consumers/shared-decision-making>

For information on the Commission’s work on decision support tools for patients, see <https://www.safetyandquality.gov.au/our-work/partnering-consumers/shared-decision-making/decision-support-tools-patients>

Measuring the economic impact of hospital-acquired complications on an acute health service

Fernando-Canavan L, Gust A, Hsueh A, Tran-Duy A, Kirk M, Brooks P, et al.
 Australian Health Review. 2021;45(2):135-142.

DOI	https://doi.org/10.1071/AH20126
Notes	<p>This paper presents the economic impact of 16 hospital-acquired complications (HACs) in one Australian health service for the period 1 July 2016 to 30 June 2017. A hospital-acquired complication (HAC) refers to a complication for which clinical risk mitigation strategies may reduce (but not necessarily eliminate) the risk of that complication occurring. There are 16 agreed, high priority HACs. This paper reports on a retrospective cohort study using a deidentified patient dataset containing 93 056 in-patient separations (for 49 809 individuals) in Northern Health (Victoria, Australia). The authors report that ‘1700 separations involving HACs (1.83%) were identified. The most common HAC was health care-associated infections. Most HACs were associated with a statistically significant risk of increased cost (15/16 HACs) and LOS [length of stay] (11/16 HACs). HACs involving falls resulting in fracture or other intracranial injury were associated with the highest additional cost (A\$17 173). The biggest increase in additional LOS was unplanned admissions to the intensive care unit (5.42 days).’</p>

For information on the Commission’s work on hospital-acquired complications (HACs), see <https://www.safetyandquality.gov.au/our-work/indicators/hospital-acquired-complications>

Smartphone distraction during nursing care: Systematic literature review

Fiorinelli M, Di Mario S, Surace A, Mattei M, Russo C, Villa G, et al
Applied Nursing Research. 2021;58:151405.

A mixed methods systematic review of the effects of patient online self-diagnosing in the 'smart-phone society' on the healthcare professional-patient relationship and medical authority

Farnood A, Johnston B, Mair FS

BMC Medical Informatics and Decision Making. 2020;20(1):253.

DOI	Fiorinelli et al https://doi.org/10.1016/j.apnr.2021.151405 Farnood et al https://doi.org/10.1186/s12911-020-01243-6
Notes	<p>Our phones are ubiquitous; we are rarely without them. These two pieces look at the role of the smartphone.</p> <p>Fiorinelli et al examined the literature on the use of smartphones by nurses when working. Their review found pros and cons about smartphone use during nursing care. Based on 16 articles, the review found that ‘About 80% of nurses use the smartphone in the workplace both for personal purposes and as a useful support to improve the quality of care.’</p> <ul style="list-style-type: none"> • Mobile devices support nurses in carrying out research, clinical activity and health education. • The smartphone can improve the quality of communication processes among nurses. • The smartphone can improve the exchange of information between team members. • Smartphones can have consequences on nurses-patients relationship: dehumanization and depersonalization of care and can have serious consequences on patient safety. <p>The authors suggest ‘the application of regulations and policies by healthcare facilities is desirable to avoid inappropriate use of these devices by nurses.’</p> <p>Farnood et al. sought to examine the relationship between the patient and clinician and the impact of smartphone use by patients to self-diagnose. Based on 25 articles, the authors found that patients ‘value healthcare professionals as a source of medical advice more than the internet’ and that patients consider the internet ‘a complementary information source’. The authors suggest that ‘online health information seeking can potentially improve the patient-healthcare professional relationship as patients reported they usually conducted an online search to form a partnership with the healthcare professional as opposed to trying to prove them wrong.’</p>

BMJ Quality & Safety

May 2021 - Volume 30 - 5

URL	https://qualitysafety.bmj.com/content/30/5
Notes	<p>A new issue of <i>BMJ Quality & Safety</i> 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 <i>BMJ Quality & Safety</i> include:</p> <ul style="list-style-type: none"> • Editorial: Harnessing choice architecture to improve medical care (Donald A Redelmeier, Mian-Mian Kao) • Editorial: Advancing health equity in patient safety: a reckoning, challenge and opportunity (Marshall H Chin) • Choice architecture in physician–patient communication: a mixed-methods assessments of physicians’ competency (Joanna Hart, Kuldeep

	<p>Yadav, Stephanie Szymanski, Amy Summer, Aaron Tannenbaum, Julian Zlatev, David Daniels, Scott D Halpern)</p> <ul style="list-style-type: none"> • Inpatient patient safety events in vulnerable populations: a retrospective cohort study (Lucy B Schulson, Victor Novack, Patricia H Folcarelli, Jennifer P Stevens, Bruce E Landon) • Reporting incidents involving the use of advanced medical technologies by nurses in home care: a cross-sectional survey and an analysis of registration data (Ingrid ten Haken, Somaya Ben Allouch, Wim H van Harten) • Variation in tonsillectomy cost and revisit rates: analysis of administrative and billing data from US children’s hospitals (Sanjay Mahant, Troy Richardson, Ron Keren, Rajendu Srivastava, Jeremy Meier) • Distance travelled to hospital for emergency laparotomy and the effect of travel time on mortality: cohort study (Tom Salih, Peter Martin, Tom Poulton, Charles M Oliver, Mike G Bassett, S Ramani Moonesinghe) • Promise and perils of patient decision aids for reducing low-value care (Rachel Thompson, Danielle M Muscat, Jesse Jansen, Darlene Cox, Joshua R Zadro, Adrian C Traeger, Kirsten McCaffery) • It’s time to consider national culture when designing team training initiatives in healthcare (Julie Rice, Lina Daouk-Öyry, Eveline Hitti) • A realist synthesis of pharmacist-conducted medication reviews in primary care after leaving hospital: what works for whom and why? (Karen Luetsch, Debra Rowett, Michael J Twigg) • Nurses and nursing support matter: interpreting the evidence (Jack Needleman, Patricia W Stone)
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Pediatric Quality & Safety

Volume 6, Number 2, March/April 2021)

URL	https://journals.lww.com/pqs/toc/2021/03000
Notes	<p>A new issue of <i>Pediatric Quality & Safety</i> has been published. Articles in this issue of <i>Pediatric Quality & Safety</i> include:</p> <ul style="list-style-type: none"> • Incremental Improvements Can Reduce Alarm Fatigue in the Neonatal Intensive Care Unit (Schlegel, Amy B; Shepherd, Edward G) • Stewardship Intervention to Optimize Central Venous Catheter Utilization in Critically Ill Children (Blumenthal, Jennifer A; Ormsby, Jennifer A; Mirchandani, Dimple; Petti, Chonel A; Carpenter, Jane; Geller, Maggie; Harding, Stephanie N; O’Brien, Mary; Sandora, Thomas J; Kleinman, Monica E; Priebe, Gregory P; Mehta, Nilesh M) • The Impact of Demographics on Child and Parent Ratings of Satisfaction with Hospital Care (Waldron, Mia K; Wathen, Kourtney; Houston, Sasha; Coleman, Lael; Mason, Janice J; Wang, Yunfei; Hinds, Pamela S) • Reducing Employee Injury Rates with a Hospital-wide Employee Safety Program (Fink, Alia; Merkeley, Kathryn; Tolliver, Charika; McLeese, Raven; Mason, Janice J.; Mantasas, Nikolas; Cheng, Jenhao Jacob; Roberts-Turner, Reneè; Fahey, Lisbeth; Parra, Martha; Talley, Linda; Cady, R; Shah, R K) • Implementation and Maintenance of a Pediatric Severe Burn Guidelines Quality Improvement Project (Dolan, Kristin J; Flint, Jennifer L; Benton, Tara C; Miller, Mikaela; Miller, Jenna O) • Comprehensive Care Improvement for Oncologic Fever and Neutropenia from a Pediatric Emergency Department (Kuehnel, Nicholas A; McCreary,

	<p>Erin; Henderson, Sheryl L; Vanderloo, Joshua P; Hoover-Regan, Margo L; Sharp, Brian; Ross, Joshua)</p> <ul style="list-style-type: none"> • Reducing Alarm Burden in a Level IV Neonatal Intensive Care Unit (McCauley, Kortany E; Schroeder, Alissa A; DeBoth, Tawney K; Wiebe, Alexander M; Bosley, Christopher L; Ballweg, Diane D; Fang, Jennifer L) • Sustained Improvement in the Performance of Rapid Sequence Intubation Five Years after a Quality Improvement Initiative (Kerrey, Benjamin T; Mittiga, Matthew R; Boyd, Stephanie; Frey, Mary; Geis, Gary L; Rinderknecht, Andrea S; Ahaus, Karen; Varadarajan, Kartik R; Luria, Joseph W; Iyer, S B) • Bladder and Bowel Dysfunction Network: Improving the Management of Pediatric Bladder and Bowel Dysfunction (Pokarowski, Martha; Rickard, Mandy; Kanani, Ronik; Mistry, Niraj; Saunders, Megan; Rockman, Rebecca; Sam, Jonathan; Varghese, Abby; Malach, Jessica; Margolis, Ivor; Roushdi, Amani; Levin, Leo; Singh, Manbir; Lopes, Roberto Iglesias; Farhat, Walid A; Koyle, Martin A.; Dos Santos, Joana) • Integration of a Lean Daily Management System into an Antimicrobial Stewardship Program (Wirtz, Ann L; Monsees, Elizabeth A; Gibbs, Kate A; Myers, Angela L; Burns, Alaina N; Lee, Brian R; El Feghaly, Rana E; Weddle, Gina M; Day, James C; Purandare, Amol V; Goldman, Jennifer L) • A Patient Navigator Intervention Supporting Timely Transfer Care of Adolescent and Young Adults of Hispanic Descents Attending an Urban Primary Care Pediatrics Clinic (Allende-Richter, Sophie; Glidden, Patricia; Maloyan, Mariam; Khoury, Zana; Ramirez, Melanie; O'Hare, Kitty) • Care Does Not Stop Following ROSC: A Quality Improvement Approach to Postcardiac Arrest Care (Pfeiffer, Stephen; Zackoff, Matthew; Bramble, Katelyn; Jacobs, L; Ruehlmann, K; Stalets, E L; Tegtmeier, K; Dewan, M) • Utilizing a Behavioral Health Bundle to Improve Patient and Clinician Safety for Hospitalized Children (Nicome, Roger; Lo, Huay-Ying; Gupta, Sheena; Khan, Adrita; Lee, Alice; Molchen, Wallis; Neubauer, Hannah; Ramgopal, Veena; Lyn, Michelle; Weber, Emily; Vachani, Joyee) • Decreasing Inappropriate Use of Antireflux Medications by Standardizing Gastroesophageal Reflux Disease Management in NICU (Shakeel, Fauzia M.; Crews, Jacquelyn; Jensen, Preceous; Ritchey, Andrea; Allen, Megan; Mateus, Jazmine; Machry, Joana) • Evidence-based Standardization of Constipation Management in the Emergency Department: A Quality Improvement Study (Lipshaw, Matthew J; Zamor, Ronine L; Carson, Rebecca; Mallon, Daniel; Sobolewski, Brad; Vukovic, Adam A; Kurowski, Eileen Murtagh) • Reducing Pediatric ED Length of Stay by Reducing Diagnostic Testing: A Discrete Event Simulation Model (McKinley, Kenneth W; Chamberlain, James M; Doan, Quynh; Berkowitz, Deena) • Vaccinating in the Emergency Department, a Model to Overcome Influenza Vaccine Hesitancy (Baumer-Mouradian, Shannon H; Servi, Ashley; Kleinschmidt, Abigail; Nimmer, Mark; Lazarevic, Kimberly; Hanson, Thomas; Jastrow, Jena; Jaworski, Brian; Kopetsky, Matthew; Drendel, Amy L)
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URL	https://www.publish.csiro.au/py/issue/10183
Notes	<p>A new issue of the <i>Australian Journal of Primary Health</i> has been published with a theme of “School-based Models of Primary Health Care”. Articles in this issue of the <i>Australian Journal of Primary Health</i> include:</p> <ul style="list-style-type: none"> • Integrating primary health care and education to improve outcomes for children (Sarah Dennis and Lauren Ball) • Embedding public health advocacy into the role of school-based nurses: addressing the health inequities confronted by vulnerable Australian children and adolescent populations (Debra Jones, Sue Randall, Danielle White, Lisa-Marie Darley, Gabrielle Schaefer, Jennifer Wellington, Anu Thomas and David Lyle) • School-based integrated healthcare model: how Our Mia Mia is improving health and education outcomes for children and young people (Antonio Mendoza Diaz, Andrew Leslie, Charlotte Burman, James Best, Kristie Goldthorp and Valsamma Eapen) • ‘We’re definitely that link’: the role of school-based primary health care registered nurses in a rural community (Catherine Sanford, Emily Saurman, Sarah Dennis and David Lyle) • Incorporating a health team as part of a disadvantaged high school’s interconnected community learning model (Ted Noon and G Zadkovich) • Improving access to refugee-focused health services for people from refugee-like backgrounds in south-eastern Melbourne through the education sector (Katrina M. Long, Shiva Vasi, Susannah Westbury, Sandy Shergill, Chloé Guilbert-Savary, Ashley Whitelaw, I-Hao Cheng and Grant Russell) • Exploring adolescent and clinician perspectives on Australia’s national digital health record, My Health Record (L Beaton, I Williams and L Sancic) • Using the National Mental Health Service Planning Framework to support an integrated approach to regional mental health planning in Queensland, Australia (Eryn Wright, Elizabeth Leitch, Kevin Fjeldsoe, Sandra Diminic, Kate Gossip, Patricia Hudson and Harvey Whiteford) • Producing health information in consultation with health workers and the hepatitis B-affected communities is worthwhile (Gabrielle Bennett, Jacqueline Richmond and Alexander J Thompson) • Multimorbidity through the lens of life-limiting illness: how helpful are Australian clinical practice guidelines to its management in primary care? (Raechel A Damarell, Deidre D Morgan, Jennifer J Tieman and D F Healey) • Reducing health inequities for asylum seekers with chronic non-communicable diseases: Australian context (Gloria Nkhoma, Chiao Xin Lim, Gerard A Kennedy and Ieva Stupans) • Dementia risk reduction in practice: the knowledge, opinions and perspectives of Australian healthcare providers (Lidan Zheng, Kali Godbee, Genevieve Z Steiner, Gail Daylight, Carolyn Ee, Thi Yen Hill, Mark I Hohenberg, Nicola T. Lautenschlager, Keith McDonald, Dimity Pond, Kylie Radford, Kaarin J Anstey and Ruth Peters) • Structured yet simple approaches to primary care data quality improvements can indeed strike gold (Abhijeet Ghosh, Elizabeth Halcomb, Sandra McCarthy and Christine Ashley)

	<ul style="list-style-type: none"> • ‘No-Frills Prils’: GPs’ views on drug costs and therapeutic interchange of angiotensin-converting enzyme inhibitors: a qualitative study (Hok Lim, Lena Sancı, Susan Webster, Alyce N Wilson and Phyllis Lau) • Primary healthcare clinicians’ positive perceptions of the implementation of telehealth during the COVID-19 pandemic using normalisation process theory (Kaye Ervin, Jennifer Weller-Newton and Jacque Phillips)
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BMJ Quality & Safety online first articles

URL	https://qualitysafety.bmj.com/content/early/recent
Notes	<p><i>BMJ Quality & Safety</i> has published a number of ‘online first’ articles, including:</p> <ul style="list-style-type: none"> • Is greater patient involvement associated with higher satisfaction? Experimental evidence from a vignette survey (Søren Birkeland, Marie Bismark, Michael John Barry, Sören Möller) • Editorial: Timely testing: who needs to do what differently to improve adherence to guideline-recommended glycaemic monitoring? (Sheena McHugh, Kate O’Neill, Patricia M Kearney) • The effectiveness of interruptive prescribing alerts in ambulatory CPOE to change prescriber behaviour & improve safety (Oliver Cerqueira, Mohsain Gill, Bishr Swar, Katherine Ann Prentice, Shannon Gwin, Brent W Beasley)

International Journal for Quality in Health Care online first articles

URL	https://academic.oup.com/intqhc/advance-articles
Notes	<p><i>International Journal for Quality in Health Care</i> has published a number of ‘online first’ articles, including:</p> <ul style="list-style-type: none"> • Masked and Distanced: A Qualitative Study of How Personal Protective Equipment and Distancing Affect Teamwork in Emergency Care (Tuna C Hayirli, Nicholas Stark, Aditi Bhanja, James Hardy, Christopher R Peabody, Michaela J Kerrissey) • From Accreditation to Quality Improvement – the Danish National Quality Programme (Christian Uggerby, Solvejg Kristensen, Julie Mackenhauer, Søren Valgreen Knudsen, Paul Bartels, Søren Paaske Johnsen, Jan Mainz)

Online resources

[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:

- Quality Standard QS37 **Postnatal care** <https://www.nice.org.uk/guidance/qs37>
- NICE Guideline NG194 **Postnatal care** <https://www.nice.org.uk/guidance/ng194>
- NICE Guideline NG195 **Neonatal infection: antibiotics for prevention and treatment** <https://www.nice.org.uk/guidance/ng195>

[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:

- **Maternal, Fetal, and Child Outcomes of Mental Health Treatments in Women: A Systematic Review of Perinatal Pharmacologic Interventions**
<https://effectivehealthcare.ahrq.gov/products/mental-health-pregnancy/research>
- **Improving the Utility of Evidence Synthesis for Decision Makers in the Face of Insufficient Evidence**
<https://effectivehealthcare.ahrq.gov/products/improving-evidence-synthesis/white-paper>

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: Aged care staff infection prevention and control precautions poster**
<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19-aged-care-staff-infection-prevention-and-control-precautions-poster>

STOP DO NOT VISIT A RESIDENT BEFORE SEEING RECEPTION

Precautions for staff

caring for aged care home residents who are suspected, or confirmed COVID-19 cases in areas with significant community transmission*

Before entering a resident's room with suspected or confirmed COVID-19

- 1 Perform hand hygiene**
Wash hands with soap and water or use an alcohol-based hand rub. Rub all parts of your hands, then rinse and dry with a paper towel if using soap and water, or rub until dry if using alcohol-based hand rub.
- 2 Put on your gown**
Put on a fluid-resistant long sleeved gown or apron.
- 3 Put on a P2/N95 respirator mask**
A. Hold the mask by its loops, then put the loops around your head.
B. Make sure the mask covers your mouth and nose. Ensure there is no gap between your face and the mask, and press the nose piece around your nose.
C. Continue to adjust the mask along the outside until you feel you have achieved a good and comfortable face fit.
- 4 Check the fit of the P2/N95 respirator mask**
A. Gently place hands around the edge of the mask to feel if any air is escaping.
B. Check the seal of the mask by breathing out gently. If air escapes, adjust the mask, and check again, until no air escapes. It may be harder to get a good fit if you have a beard.
C. Check the seal of the mask by breathing in gently. If the mask does not come in toward your face, or air leaks around the face seal, readjust the mask and repeat. You may need to check the mask for defects if air leaks or leaking.
D. Finally, completely cover the mask with both hands before breathing in sharply to ensure the fit is good.
- 5 Put on protective eyewear**
- 6 Perform hand hygiene**
- 7 Put on gloves**

!!! Never touch the front of the mask after the fit check is completed, and while providing care.
!!! Change the mask when it becomes wet or dirty.
!!! Never reuse masks.
!!! Keep doors of rooms closed if possible.

After you finish providing care and are ready to leave the room

- 1 Remove gloves**
Remove your gloves, dispose of them in a designated bin/garbage bag.
- 2 Perform hand hygiene**
Wash hands with soap and water or use an alcohol-based hand rub.
- 3 Remove gown**
Remove your gown, dispose of it in a designated bin/garbage bag.
- 4 Perform hand hygiene**
Wash hands with soap and water or use an alcohol-based hand rub.
- 5 Remove protective eyewear**
Remove your protective eyewear and place in a designated bin/garbage bag, if reusable, or in the designated reprocessing container if reusable.
- 6 Perform hand hygiene**
Wash hands with soap and water or use an alcohol-based hand rub.
- 7 Remove your mask**
Take the mask off from behind your head by pulling the loops over your head and moving the mask away from your face.
- 8 Dispose of the mask**
Dispose in a designated bin/garbage bag and close the bin/bag.
- 9 Perform hand hygiene**
Wash hands with soap and water or use an alcohol-based hand rub.

IMPORTANT

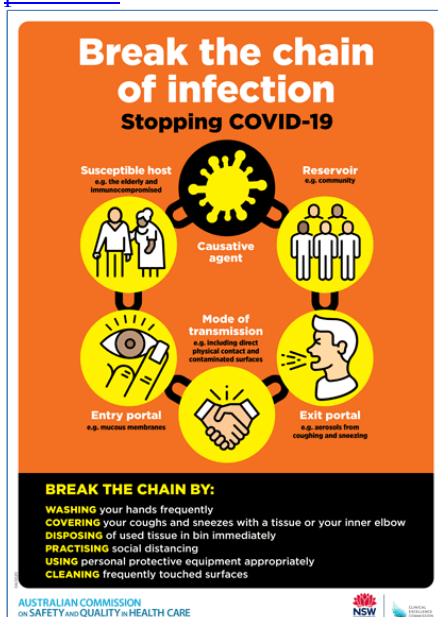
To protect yourself and your family and friends, when your shift finishes, change into clean clothes at work, if possible, and put your clothes in a plastic bag. Go straight home, shower immediately and wash all of your work clothes and the clothes you wore home.

*Aged care home staff should implement infection prevention and control precautions recommended by their local/jurisdictional health department. Guidance issued by the Infection Control Expert Group will also be of assistance. See: www.health.gov.au/committees-and-groups/infect-on-control-expert-group-icag

AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

This content of this poster was informed by resources developed by the NSW Clinical Excellence Commission and the Victorian Department of Health and Human Services. 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
<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/infection-prevention-and-control-covid-19-personal-protective-equipment>
- *Special precautions for Covid-19 designated zones* poster
<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/special-precautions-covid-19-designated-zones>
- *COVID-19 infection prevention and control risk management – Guidance*
<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19-infection-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-impairment-and-covid-19>
- **Medicines Management COVID-19** <https://www.safetyandquality.gov.au/our-work/medication-safety/medicines-management-covid-19>, including position statements on medicine-related issues
 - *Managing fever associated with COVID-19*
 - *Managing a sore throat associated with COVID-19*
 - *ACE inhibitors and ARBs in COVID-19*
 - *Clozapine in COVID-19*
 - *Management of patients on oral anticoagulants during COVID-19*
 - *Ascorbic Acid: Intravenous high dose in COVID-19*
 - *Treatment in acute care, including oxygen therapy and medicines to support intubation*
 - *Nebulisation and COVID-19*
 - *Managing intranasal administration of medicines during COVID-19*
 - *Ongoing medicines management in high-risk patients*
 - *Medicines shortages*
 - *Conserving medicines*
 - *Intravenous medicines administration in the event of an infusion pump shortage*
- *Break the chain of infection: Stopping COVID-19* poster
<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/break-chain-poster-a3>



- **COVID-19: Elective surgery and infection prevention and control precautions**
<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19-elective-surgery-and-infection-prevention-and-control-precautions>
- **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**
<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/covid-19-and-face-masks-information-consumers>

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.

**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.

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**. Recent evidence check updates include:

- **Deep cleans** – Is deep cleaning necessary to limit the transmission of COVID-19?
- **COVID-19 rapid testing** – What is the efficacy of rapid, point-of-care tests for COVID-19? Quarantine measures.

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