



## On the Radar

Issue 467  
9 June 2020

*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

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Contributors: Niall Johnson

### COVID-19 resources

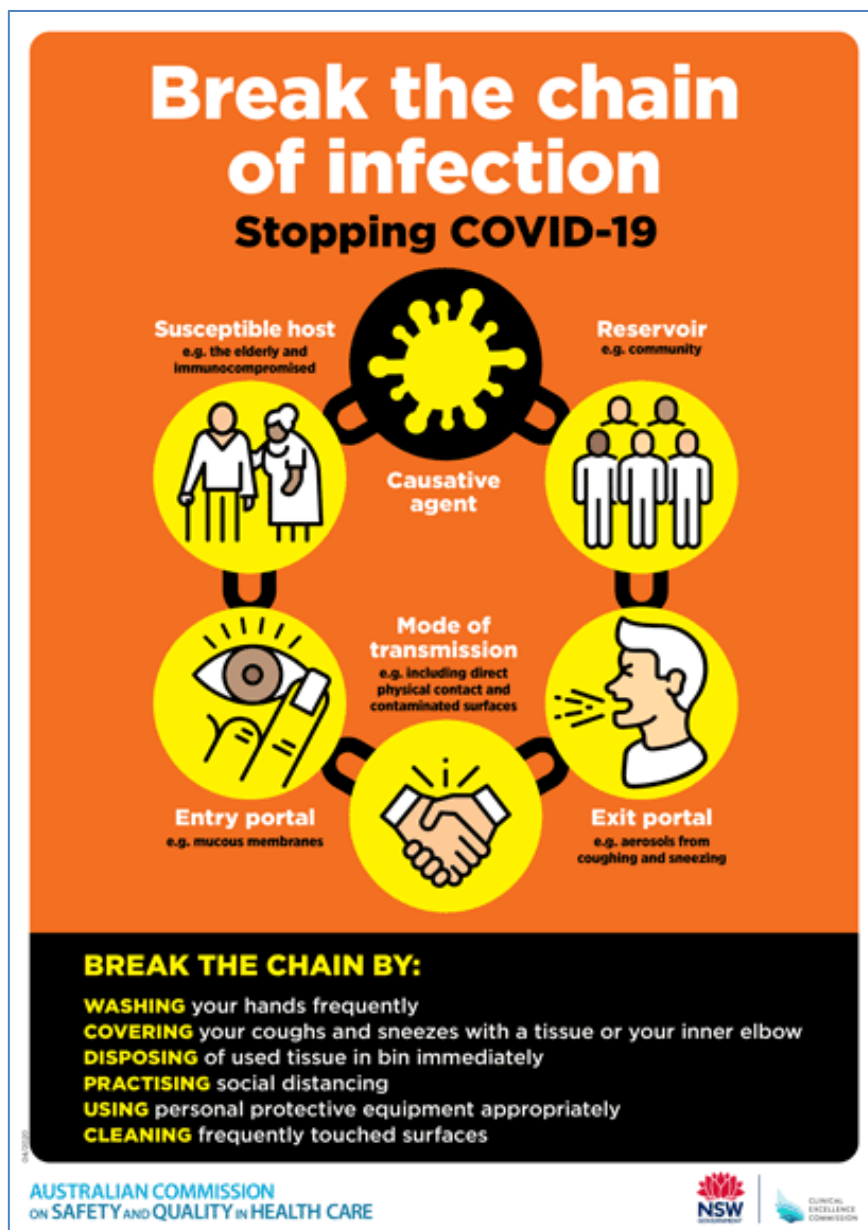
<https://www.safetyandquality.gov.au/covid-19>

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>

The latest additions include:

- **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*

- *Ongoing medicines management in high-risk patients*
- *Medicines shortages*
- *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>
- *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>



## Safe care for people with cognitive impairment during COVID-19

<https://www.safetyandquality.gov.au/our-work/cognitive-impairment/cognitive-impairment-and-covid-19>

During COVID-19, people with cognitive impairment may find hospital even more frightening than usual. At this time, clinicians and visitors are using personal protective equipment (PPE) and there may be restrictions on family and carers who are usually there to support them.

In recognition of this changed environment, the Australian Commission on Safety and Quality in Health Care has developed new resources to support health service organisations to provide safe care for people with cognitive impairment during COVID-19.

The resources include a fact sheet for clinicians and a poster, which provide an important reminder of key actions in the National Safety and Quality Health Service (NSQHS) Standards that remain crucial at this time. These key actions include:

- Goals of care discussions with the patient, support person or, if required, the substitute decision maker
- The involvement of carers
- Delirium prevention strategies, and
- The use of antipsychotics only as a last resort.

To reduce the risk of harm, it is important that clinicians continue to use the strategies of their hospital or health service organisation to keep people with cognitive impairment safe.

The Commission acknowledges the contribution of people living with dementia, carers, clinicians and researchers in the development of these resources.

**AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE** **NSQHS STANDARDS**

### Safe care for people with cognitive impairment during COVID-19

**Unfamiliar environment**

- Staff wearing PPE
- Possible absence of carers
- Social distancing

**Increased risk of adverse events due to**

- Disorientation
- Delirium
- Agitation and aggression leading to sedation

### Provide safe, high quality care

- 1 Agree to goals of care.**  
Discuss treatment options and preferences with the person and their substitute decision-maker.
- 2 Involve the carer.**  
Encourage participation and ask how to reduce the person's distress.
- 3 Prevent delirium.**  
Avoid physical restraint, mobilise, keep hydrated, orientate and provide meaningful activities.
- 4 Treat appropriately.**  
Find underlying causes. Use non-pharmacological strategies first and only use antipsychotics as a last resort.

Download the fact sheet at: [safetyandquality.gov.au/cognitivecare-covid](https://www.safetyandquality.gov.au/cognitivecare-covid)

CARING FOR COGNITIVE IMPAIRMENT

## Journal articles

*Personalized Medicine, Disruptive Innovation, and “Trailblazer” Guidelines: Case Study and Theorization of an Unsuccessful Change Effort*

Rushforth A, Greenhalgh T

The Milbank Quarterly. 2020 [epub].

DOI	<a href="https://doi.org/10.1111/1468-0009.12455">https://doi.org/10.1111/1468-0009.12455</a>
Notes	Personalised medicine has been viewed as a possible future of medicine that can deliver more targeted and appropriate care. This piece in <i>The Milbank Quarterly</i> uses a particular case study – an ‘a so-far unsuccessful attempt by academic respiratory medicine researchers to pave the way for a precision medicine approach to asthma using a government-endorsed national guideline’ – to examine how change could be brought to care. The authors note that precision medicine approaches can be ‘disruptive’ and require ‘radical changes to clinical practice and service organization’. They discuss how ‘Clinical practice guidelines (theoretically, at least) can act as “trailblazers” to introduce tests and treatments that reflect precision medicine discoveries’ but advise caution and offer that: ““Trailblazer” guidelines, in which new technologies are recommended, may succeed as catalysts of change only in a limited way for interested individuals and groups. In the absence of a wider program of professionally led and adequately resourced change efforts, such guidelines will lack meaning, legitimacy, and authority among intended users and may be strongly resisted.’

*Rethinking Integrated Care: A Systematic Hermeneutic Review of the Literature on Integrated Care Strategies and Concepts*

Hughes G, Shaw SE, Greenhalgh T

The Milbank Quarterly. 2020 [epub].

DOI	<a href="https://doi.org/10.1111/1468-0009.12459">https://doi.org/10.1111/1468-0009.12459</a>
Notes	Better integration (and thus continuity) of care has also been touted as a means of improving the delivery of care, particularly care that can facilitate person-centered, relationship-based care that can contribute to improved patient experiences.. This piece, also in <i>The Milbank Quarterly</i> and sharing an author with the previous item, offers a review of the strategies and concepts that have been put forward around integrated care. The authors note that while there are ‘examples of successful integrated care systems, evidence for consistent and reproducible benefits remains elusive.’ The picture that emerges is one of complexity in which context matters, as ‘Integrated care is best understood as an emergent set of practices intrinsically shaped by contextual factors, and not as a single intervention to achieve predetermined outcomes.’

*Australian Health Review*

Volume 444 Number 3 2020

URL	<a href="https://www.publish.csiro.au/ah/issue/9735">https://www.publish.csiro.au/ah/issue/9735</a>
Notes	A new issue of the <i>Australian Health Review</i> has been published, with a special focus on <b>health affordability</b> . Articles in this issue of the <i>Australian Health Review</i> include: <ul style="list-style-type: none"> <li>• <b>Governance lessons from COVID-19</b> (Stephen Duckett)</li> <li>• The ‘Australia Model’: how industry and government collaboration is showing us how <b>MedTech</b> can lead the way to a world class advanced manufacturing capability (Ian Burgess)</li> <li>• Health today versus health tomorrow: does Australia really care less about its <b>future health</b> than other countries do? (Nancy Devlin and Paul Scuffham)</li> </ul>

- Recent estimates of the **out-of-pocket expenditure on health care** in Australia (Farhat Yusuf and Stephen Leeder)
- First steps towards **price transparency**: comparability of online **out-of-pocket** tools from Australian private health funds (Kelsey Chalmers, Adam G Elshaug and Shaun Larkin)
- '...If I don't have that sort of money again, what happens?': adapting a qualitative model to conceptualise the consequences of **out-of-pocket expenses for cancer patients** in mixed health systems (Jade C Newton, Harry Hohnen, Claire E Johnson, Angela Ives, Sandy McKiernan, Violet Platt, Christobel Saunders and Neli Slavova-Azmanova)
- Gap in **funding for specialist hospitals** treating patients with traumatic spinal cord injury under an activity-based funding model in New South Wales, Australia (Bharat Phani Vaikuntam, James W Middleton, Patrick McElduff, John Walsh, Jim Pearse, Luke Connelly and Lisa N Sharwood)
- Frequent general practitioner visits are protective against **statin discontinuation** after a Pharmaceutical Benefits Scheme copayment increase (Karla L Seaman, Frank M Sanfilippo, Max K Bulsara, Tom Brett, Anna Kemp-Casey, Elizabeth E Roughead, Caroline Bulsara and David B Preen)
- Cost-benefit analysis of enhancing the uptake of **long-acting reversible contraception** in Australia (Kristine Concepcion, Sarina Lacey, Kevin McGeechan, Jane Estoesta, Deborah Bateson and Jessica Botfield)
- Do disasters predict **international pharmacy legislation**? (Kaitlyn E Watson, Judith A Singleton, Vivienne Tippett and Lisa M Nissen)
- 'This is uncharted water for all of us': challenges anticipated by hospital clinicians when **voluntary assisted dying** becomes legal in Victoria (Rosalind McDougall, Barbara Hayes, Marcus Sellars, Bridget Pratt, Anastasia Hutchinson, Mark Tacey, Karen Detering, Cade Shadbolt and Danielle Ko)
- **Smoke-free hospital grounds** (Victoria Malone, J McLennan and D Hedger)
- **Accuracy checking of dispensed medications** by a pharmacy technician: a hospital case study (Centaine L. Snoswell, Melynda Flor, Cameron Tessier, Sunita Ratanjee, Andrew Hale, Andrew Matthews, L Nissen and I Coombes)
- Sustainability of **antimicrobial stewardship programs in Australian rural hospitals**: a qualitative study (Jaclyn L Bishop, Thomas R Schulz, David C M Kong and Kirsty L Buising)
- Maximising the value of **clinical registry information** through integration with a **health service clinical governance framework**: a case study (Susannah Ahern, Robert Feiler and Susan Sdrinis)
- **Role of Aboriginal Health Workers and Liaison Officers in quality care** in the Australian acute care setting: a systematic review (Tamara Mackean, Elizabeth Withall, Judith Dwyer and Annabelle Wilson)
- Differentiating between **average and high-performing public healthcare managers**: implications for public sector talent management (Sandra G Leggat, Zhanming Liang and Peter F Howard)
- Strengthening **teamwork capability in allied health**: implementation of a team development program in a metropolitan health service (Angela J Wood, Kathy Grudzinskas, Julie-Anne Ross, Sarah Bailey, Gail E Gordon, Christopher Burton and Laurelie R Wishart)
- **Heart Failure Integrated Care Project**: overcoming barriers encountered by primary health care providers in heart failure management (Victar Hsieh, Glenn Paull and Barbara Hawkshaw)

	<ul style="list-style-type: none"> <li>• Framework for <b>community-based models for treating hepatitis C</b> virus (Davoud Pourmarzi, Lisa Hall, Andrew Smirnov, Julie Hepworth, Tony Rahman and Gerard FitzGerald)</li> <li>• Patterns of <b>health service utilisation among the Australian population with cancer</b> compared with the general population (Huah Shin Ng, Bogda Koczwara, David Roder, Raymond Javan Chan and Agnes Vitry)</li> <li>• <b>Mental health of animal hoarders</b>: a study of consecutive cases in New South Wales (John Snowdon, Graeme Halliday, Rosemary Elliott, Glenn E Hunt and Steve Coleman)</li> <li>• <b>Emergency department after-hours primary contact physiotherapy service</b> reduces analgesia and orthopaedic referrals while improving treatment times (Judith Henderson, Ryan Gallagher, Peter Brown, D Smith and K Tang)</li> <li>• Safeguarding injured Victorians: development and implementation of an evidence-informed system to manage <b>therapeutic uncertainty and decision making</b> in a compensable environment (L J Sherry, A M Briggs and T Pizzari)</li> <li>• How do <b>cancer care</b> services in Australia take care of their patients when they require <b>emergency care</b>? We need more evidence (Elise Button, Sarah Northfield, Michael Smith, David Wyld, Gillian Nasato and Patsy Yates)</li> <li>• When we truly need single-use equipment, will we have enough? <b>Single-use versus reusable anaesthesia equipment</b>: a qualitative analysis of Western Australian hospitals (Justin Hii, Mark Sharples, M Anstey and F McGain)</li> </ul>
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*Health Affairs*

Volume 39, No. 6, June 2020

URL	<a href="https://www.healthaffairs.org/toc/hlthaff/39/6">https://www.healthaffairs.org/toc/hlthaff/39/6</a>
Notes	<p>A new issue of <i>Health Affairs</i> has been published with the themes of <b>Rural health, Behavioural health</b> and more. Articles in this issue of <i>Health Affairs</i> include:</p> <ul style="list-style-type: none"> <li>• <b>Risk Corridors, COVID-19, And The ACA</b> (Katie Keith)</li> <li>• For <b>Healthier Native Youth</b>, Look To Their Strengths (Jessica Bylander)</li> <li>• The Potential Health Care Costs And Resource Use Associated With <b>COVID-19 In The United States</b> (Sarah M Bartsch, Marie C Ferguson, James A McKinnell, Kelly J O'Shea, Patrick T Wedlock, S S Siegmund, and B Y Lee)</li> <li>• <b>Self-Isolation Compliance In The COVID-19 Era</b> Influenced By Compensation: Findings From A Recent Survey In Israel (Moran Bodas, and Kobi Peleg)</li> <li>• Varying Trends In The <b>Financial Viability Of US Rural Hospitals</b>, 2011–17 (Ge Bai, Farah Yehia, Wei Chen, and Gerard F Anderson)</li> <li>• The Impact Of <b>Medicare's Rural Add-On Payments</b> On Supply Of Home Health Agencies Serving Rural Counties (Tracy M Mroz, Davis G Patterson, and Bianca K Frogner)</li> <li>• <b>Electronic Health Information Exchange At Discharge</b> From Inpatient Psychiatric Care In Acute Care Hospitals (Morgan C Shields, Grant Ritter, and Alisa B Busch)</li> <li>• Fewer Than Half Of US Mental Health Treatment Facilities Provide <b>Services For Children With Autism Spectrum Disorder</b> (Jonathan Cantor, Ryan K McBain, Aaron Kofner, Bradley D Stein, and Hao Yu)</li> <li>• Incorrect Provider Directories Associated With <b>Out-Of-Network Mental Health</b> Care And Outpatient Surprise Bills (Susan H Busch, and K A Kyanko)</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Buprenorphine Treatment</b> By Primary Care Providers, Psychiatrists, Addiction Specialists, And Others (Mark Olfson, Victoria Zhang, Michael Schoenbaum, and Marissa King)</li> <li>• Treatment Of <b>Opioid Use Disorder</b> Among Commercially Insured US Adults, 2008–17 (Karen Shen, Eric Barrette, and Leemore S Dafny)</li> <li>• The Impact Of Academic Medical Center Policies Restricting Direct-To-Physician Marketing On <b>Opioid Prescribing</b> (Matthew D Eisenberg, Elizabeth M Stone, Harlan Pittell, and Emma E McGinty)</li> <li>• Estimating The Cost Of <b>Delayed Generic Drug Entry</b> To Medicaid (Chintan V Dave, Michael S Sinha, Reed F Beall, and Aaron S Kesselheim)</li> <li>• Paying For <b>Value From Costly Medical Technologies</b>: A Framework For Applying Value-Based Payment Reforms (Marianne Hamilton Lopez, Gregory W Daniel, Nicholas C Fiore, Aparna Higgins, and Mark B McClellan)</li> <li>• The Growth Of <b>Private Equity Investment In Health Care</b>: Perspectives From Ophthalmology (Eloise May O’Donnell, Gary Joseph Lelli, Sami Bhidya, and Lawrence P Casalino)</li> <li>• <b>Out-Of-Network Spending</b> Mostly Declined In Privately Insured Populations With A Few Notable Exceptions From 2008 To 2016 (Zirui Song, William Johnson, Kevin Kennedy, Jean Fuglesten Biniek, and Jacob Wallace)</li> <li>• Improving Birth Outcomes And Lowering Costs For Women On Medicaid: Impacts Of <b>‘Strong Start For Mothers And Newborns’</b> (Lisa Dubay, Ian Hill, Bowen Garrett, Fredric Blavin, Emily Johnston, Embry Howell, Justin Morgan, Brigette Courtot, Sarah Benatar, and Caitlin Cross-Barnet)</li> <li>• Maternal Cash Transfers Led To Increases In Facility Deliveries And Improved <b>Quality Of Delivery Care In Nigeria</b> (Edward N Okeke, Zachary Wagner, and Isa S Abubakar)</li> <li>• Trends In Residential Setting And Hospice Use At The <b>End Of Life</b> For Medicare Decedents (Melissa D. Aldridge, Katherine A. Ornstein, Karen McKendrick, Jaison Moreno, Jennifer M. Reckrey, and Lihua Li)</li> <li>• <b>Avoidable Hospitalizations</b> And Observation Stays: Shifts In Racial Disparities (José F. Figueroa, Laura G. Burke, Kathryn E. Horneffer, Jie Zheng, E. John Orav, and Ashish K. Jha)</li> <li>• <b>Home Health Use In Medicare Advantage</b> Compared To Use In Traditional Medicare (Laura Skopec, Stephen Zuckerman, Joshua Aarons, Douglas Wissoker, Peter J. Huckfeldt, Judith Feder, Robert A. Berenson, Judith Dey, and Iara Oliveira)</li> <li>• <b>Accountable Care Organizations’ Increase In Nonphysician Practitioners</b> May Signal Shift For Health Care Workforce (David J. Nyweide, Woolton Lee, and Carrie H. Colla)</li> <li>• <b>Racism In My Medical Education</b> (Michelle Ko)</li> </ul>
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BMJ *Quality & Safety* online first articles

URL	<a href="https://qualitysafety.bmj.com/content/early/recent">https://qualitysafety.bmj.com/content/early/recent</a>
Notes	<p>BMJ <i>Quality &amp; Safety</i> has published a number of ‘online first’ articles, including:</p> <ul style="list-style-type: none"> <li>• <b>Managing teamwork in the face of pandemic</b>: evidence-based tips (Scott I Tannenbaum, Allison M Traylor, Eric J Thomas, Eduardo Salas)</li> </ul>

URL	<a href="https://academic.oup.com/intqhc/advance-articles">https://academic.oup.com/intqhc/advance-articles</a>
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"> <li>• Optimization strategies for the <b>organization of mental health care</b> (Mihajlo Rabrenovic, Perisa Simonovic, Dusan Cogoljevic)</li> <li>• How health care systems let our patients down: a systematic review into <b>suicide deaths</b> (Marianne Wyder, Manaana K Ray, Helena Roennfeldt, Michael Daly, David Crompton)</li> <li>• Editorial: The global challenges for <b>quality improvement and patient safety</b> (Usman Iqbal, Hafsa Arshed Ali Khan, Yu-Chuan Jack Li)</li> <li>• <b>Quality and safety in the time of Coronavirus</b>: design better, learn faster (John Fitzsimons)</li> <li>• The <b>COVID-19 Pandemic</b>: A Call to Action for Health Systems in Latin America to <b>Strengthen Quality of Care</b> (GarciaElorrio Ezequiel, Arrieta Jafet, Arce Hugo, Delgado Pedro, Malik Ana Maria, Orrego Villagran Carola, Rincon Sofia, Sarabia Odet, Tono Teresa, Hermida Jorge, Ruelas Barajas Enrique)</li> <li>• Can social accountability mechanisms using community scorecards improve <b>quality of pediatric care in rural Cambodia?</b> (Anbrasi Edward, Younghee Jung, Chea Chhorvann, Annette E Ghee, Jane Chege)</li> <li>• Psychometric properties of the <b>Bulgarian version of Hospital Survey on Patient Safety Culture</b> (Donka Keskinova, Rositsa Dimova, Romyana Stoyanova)</li> <li>• The influence and added value of a Standardized Assessment and Reporting System for functioning outcomes upon <b>national rehabilitation quality reports</b> (Roxanne Maritz, Cristina Ehrmann, Birgit Prodingler, Alan Tennant, Gerold Stucki)</li> </ul>

## Online resources

*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.

Recent evidence checks date include:

- ***Workforce reconfiguration***
- ***Computed tomography use during the COVID-19 pandemic***
- ***COVID-19 infectivity and transmission in children.***

### *Palliative Care during COVID-19*

<https://www.sahealth.sa.gov.au/wps/wcm/connect/public+content/sa+health+internet/clinical+resources/clinical+programs+and+practice+guidelines/infectious+disease+control/coronavirus+disease+2019+information+for+health+professionals/palliative+care+during+covid-19>

The South Australian Commission for Excellence and Innovation in Health (CEIH) have put together resources and guidelines for managing palliative care during the COVID-19 pandemic. Providing end-of-life care can be made more difficult during this time, and these resources provide guidance for clinicians to best manage patients and support their families.

### *Communiqué podcasts*

The team that produces the *Clinical Communiqué*, *Future Leaders Communiqué*, and *Residential Aged Care Communiqué* has now created these publications as podcasts. The first podcasts editions are available:

- *Clinical Communiqué* <https://www.thecommuniques.com/podcasts-clinical>
- *Future Leaders Communiqué* <https://www.thecommuniques.com/podcasts-future-leaders>
- *Residential Aged Care Communiqué* <https://www.thecommuniques.com/podcasts-residential-aged-care>

### *[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 NG157 Joint replacement (primary): hip, knee and shoulder***  
<https://www.nice.org.uk/guidance/ng157>

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