AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

On the Radar

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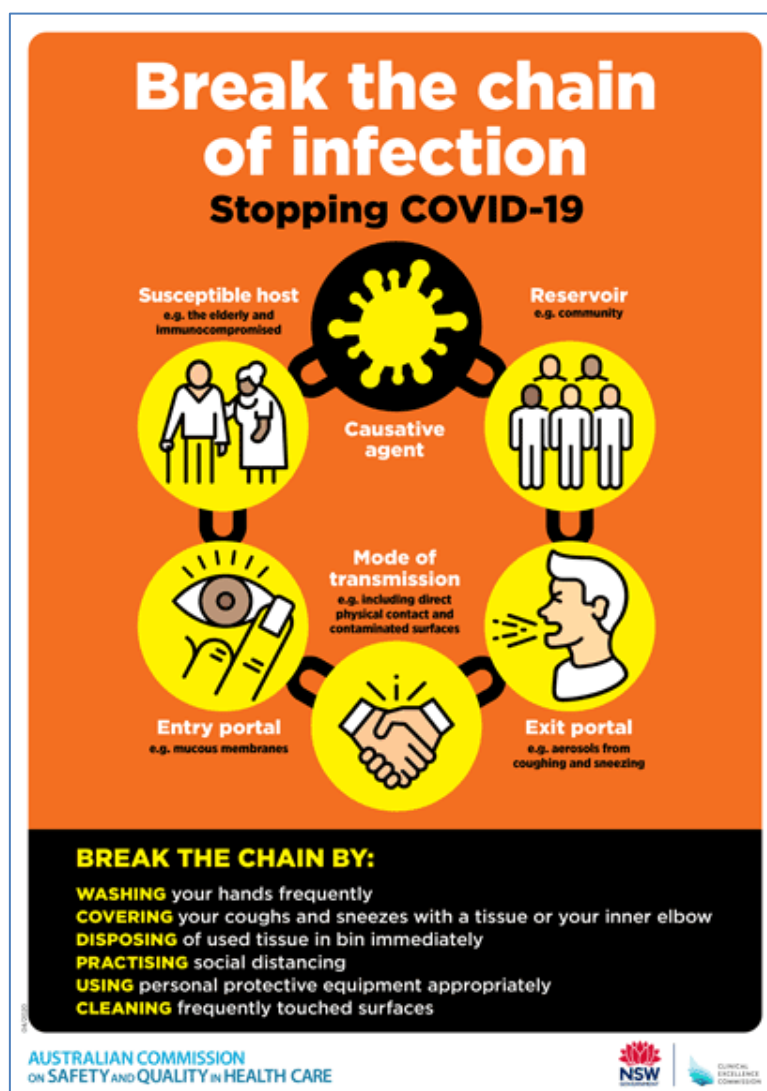**COVID-19 resources**
https://www.safetyandquality.gov.au/covid-19
The Australian Commission on Safety and Quality in Health Care has developed a number of resources to assist healthcare organisations, facilities and clinicians. These and other material on COVID-19 are available at https://www.safetyandquality.gov.au/covid-19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

- o *Ongoing medicines management in high-risk patients*
- o *Medicines shortages*
- *Potential medicines to treat COVID-19* (updated)
  https://www.safetyandquality.gov.au/publications-and-resources/resource-library/potential-medicines-treat-covid-19
- *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.

Reports

Human Experience 2030: A Vision for the Future of Healthcare
Wolf JA
Nashville: The Beryl Institute; 2020. p. 22.

URL	https://www.theberylinstitute.org/page/HX2030_Download
Notes	The Beryl Institute, a US-based group focused on patient experience, has produced this report suggesting their vision of patient-centred care. Based on a process of drawing together 'the insights of a global community of patients, family members and care partners' the report looks to a health landscape that is integrated and systemic. The report calls for a number of fundamental actions, including: • Reframing consumerism to patient and consumer partnership. • Providing a precision experience through the use of real-time data and decision analytics • Addressing process burdens and workload issues for healthcare workers to increase opportunities for human connection, reinforce purpose and reduce burnout • Transforming professional models for a new healthcare workforce • Expanding beyond treating illness to addressing the health and well-being of communities • Meeting people where they are, where they need it and follow them where they go, including at home, in their communities, and virtually.

For information on the Commission's work on person-centred care, see
https://www.safetyandquality.gov.au/our-work/partnering-consumers/person-centred-care

Journal articles

In-hospital interventions for reducing readmissions to acute care for adults aged 65 and over: An umbrella review
Conroy T, Heuzenroeder L, Feo R
International Journal for Quality in Health Care. 2020 [epub]

DOI	https://doi.org/10.1093/intqhc/mzaa064
Notes	Preventing or reducing readmissions to hospital has been a priority for many health systems, facilities and those working in them. Finding mechanisms that safely and sustainably reduce these readmissions is a task many have faced. The motivations can include ensuring patients receive appropriate and high quality care such that they do not to be readmitted through to improving the efficiency and throughput of facilities so that costs are reduced and that more patients can be treated. This paper reports on an 'umbrella review' that sought to draw together systematic reviews on **interventions within hospitals that prevented or reduced avoidable hospital readmissions in older people**. Based on 29 reviews, 11 intervention types were covered but few of these significantly reduced readmissions. However, the authors found 'limited evidence to support the effectiveness of existing hospital-based interventions to reduce readmissions for people aged 65 and older' with only **discharge planning** and **transitional care** being supported.

A systems approach to analyzing and preventing hospital adverse events
Leveson N, Samost A, Dekker S, Finkelstein S, Raman J
Journal of Patient Safety. 2020;16(2):162-167.

DOI	http://doi.org/10.1097/pts.0000000000000263
Notes	For many years, the standard approach to investigating serious adverse events has been root cause analysis (**RCA**). This paper describes another approach to incident analysis termed **CAST** (**Causal Analysis based on Systems Theory**). This approach seeks to focus on issues of health systems that contribute to events. The authors consider that 'The use of a systems-theoretic accident analysis technique can assist in identifying causal factors at all levels of the system without simply assigning blame to either the frontline clinicians or technicians involved. Identification of these causal factors in accidents will help health care systems learn from mistakes and design system-level changes to prevent them in the future.'

International Journal for Quality in Health
Volume 32 Issue 4, May 2020

URL	https://academic.oup.com/intqhc/issue/32/4
Notes	A new issue of the *International Journal for Quality in Health* has been published. Many of the papers in this issue have been referred to in previous editions of *On the Radar* (when they were released online). Articles in this issue of the *International Journal for Quality in Health* include: **Patient-reported outcome measures for inguinal hernia repair** are insufficiently validated: a systematic review (Anders Gram-Hanssen; Anders Tolstrup; Dennis Zetner; Jacob Rosenberg) - Evaluating **hospital tools and services that were co-produced with patients**: A rapid review (Siew Lim; Heather Morris; Bengianni Pizzirani; Duncan Kajewski; Wai Kit Lee; Helen Skouteris) - A systematic review of factors that enable **psychological safety in healthcare teams** (Róisín O'donovan; Eilish Mcauliffe) **Implementing and measuring person-centredness** using an APP for knowledge transfer: the iMPAKT app (Tanya McCance; Brighide M Lynch; Christine Boomer; Donna Brown; Christopher Nugent; Andrew Ennis; Matias Garcia-Constantino; Ian Clelland; Denise Edgar; Emma Radbron; V Wilson) **Sustainability of quality improvement teams** in selected regional referral hospitals in Tanzania (Godfrey Kacholi; Ozayr H Mahomed) - Evaluation and characterization of **multimorbidity profiles, resource consumption and healthcare needs in extremely elderly people** (Laisa Socorro Briongos-Figuero; Marta Cobos-Siles; Miriam Gabella-Martín; Jesica Abadía-Otero; Rosa Lobo-Valentin; Ana Aguado-De-La-Fuente; Beatriz Vargas-Ruiz; Juan Carlos Martín-Escudero) - Understanding **unwarranted variation in clinical practice**: a focus on network effects, reflective medicine and learning health systems (Femke Atsma; Glyn Elwyn; Gert Westert) - Back to the future: five **forgotten lessons for the healthcare** managers of today (Giovanni Gibiino; Michele Rugo; Marina Maffoni; Anna Giardini) **Female cardiologists in Japan** (Atsuko Nakayama; Hiroyuki Morita; Issei Komuro) - It's time to step it up. Why **safety investigations in healthcare should look more to safety science** (Siri Wiig; Jeffrey Braithwaite; Robyn Clay-Williams)

URL	https://academic.oup.com/intqhc/issue/32/5
Notes	A new issue of the *International Journal for Quality in Health* has been published. Many of the papers in this issue have been referred to in previous editions of *On the Radar* (when they were released online). Articles in this issue of the *International Journal for Quality in Health* include: - How health care systems let our patients down: a systematic review into **suicide deaths** (Marianne Wyder; Manaan K Ray; Helena Roennfeldt; Michael Daly; David Crompton) - Meta-analysis of **proton pump inhibitors** induced risk of community-acquired pneumonia (Phung Anh Nguyen; Mohaimenul Islam; Cooper J Galvin; Chih-Cheng Chang; Soo Yeon An; Hsuan-Chia Yang; Chih-Wei Huang; Yu-Chuan (Jack) Li; Usman Iqbal) **Patient Inventory**: a quality improvement method (Søren Valgreen Knudsen; Sabina Bay Hermansen; Jens Holmskov; Søren Paaske Johnsen; Jan Mainz) - Health system capacity for **tuberculosis care in Ethiopia**: evidence from national representative survey (Amare Deribew; Tariku Dejene; Atkure Defar; Della Berhanu; Sibhatu Biadgilign; Ephrem Tekle; K Asheber; K Deribe) - What **Ibero-American hospitals** do when things go wrong? A cross-sectional international study (José Joaquín Mira; Irene Carrillo; Ezequiel García-Elorrio; Daniela Campos D E Andrade-Lourenção; Patricia Campos Pavan-Baptista; Astolfo León Franco-Herrera; Esther Mahuina Campos-Castolo; Rodrigo Poblete; Juan Limo; Hugo Siu; Paulo Sousa) - Improving compliance to **clinical practice guidelines** with a multifaceted quality improvement program for the prevention of **venous thromboembolic disease** in nonsurgical patients (Paula Ruiz-Talero; Daniela Cerón-Perdomo; Catalina Hernández-Flórez; Santiago Gutiérrez-gómez; Oscar Muñoz-Velandia) - The prevalence and characteristics of **rapid response systems** in hospitals with pediatric intensive care units in Japan and barriers to their use (Taiki Haga; Hiroshi Kurosawa; Junji Maruyama; Katsuko Sakamoto; Ryo Ikebe; Natsuko Tokuhira; Muneyuki Takeuchi) - Economic analysis of the adoption of **capsule endoscopy** within the British NHS (Alan Lobo; Rafael Torrejon Torres; Mark McAlindon; Simon Panter; Catherine Leonard; Nancy van Lent; Rhodri Saunders) **The patient died: What about involvement in the investigation process?** (Siri Wiig; Peter D Hibbert; Jeffrey Braithwaite)

Australian Journal of Primary Health
Volume 26 Number 3 2020

URL	https://www.publish.csiro.au/py/issue/9747
Notes	A new issue of the *Australian Journal of Primary Health* has been published. Articles in this issue of the *Australian Journal of Primary Health* include: • Celebrating 25 volumes of the *Australian Journal of Primary Health* (Virginia Lewis) • From participation to diagnostic assessment: a systematic scoping review of the role of the primary healthcare sector in the **National Bowel Cancer Screening Program** (Carol A Holden, Oliver Frank, Joanna Caruso, Deborah Turnbull, Richard L Reed, Caroline L Miller and Ian Olver) • What should **primary care** look like **after the COVID-19 pandemic**? (Stephen Duckett) • **Primary Sense**: a new **population health management tool for general practice** (Deborah Davies) • Factors affecting the embedding of **integrated primary–secondary care** into a health district (Geoffrey K Mitchell, Charlotte E Young, Tina Janamian, Kylie M Beaver, Joanne L K Johnson, Clare Hannan-Jones and A J Mutch) • **Postpartum maternal distress**: a multidimensional illness requiring a multilevel, multidiscipline response (Angela E Elliott, P C Elliott and R Cook) • **Patients' cultural and spiritual explanatory models** in health encounters: a focus on the efficacy of cancer prevention strategies in women from South Sudan (Paula Peterson) • General practitioner identification and retention for people with spinal cord damage: establishing factors to inform a **general practitioner satisfaction measure** (Ali Lakhani, David P Watling, Ross Duncan, Peter Grimbeek, Peter Harre, Jos Stocker and Sanjoti Parekh) • Incorporating an **advance care planning screening tool** into routine health assessments with older people (Abigail E Franklin, Joel Rhee, Bronwyn Raymond and Josephine M Clayton) • Refined conceptual model for implementing **dementia risk reduction**: incorporating perspectives from Australian general practice (Kali Godbee, Jane Gunn, Nicola T Lautenschlager and Victoria J Palmer) • Management of **acute low back pain**: the practices and perspectives of primary care clinicians in Australia (Malene Ahern, Catherine M Dean, Blake F Dear, Simon M Willcock and Julia M Hush) • Qualitative exploration of barriers to **alcohol management in patients with chronic disease** in a regional setting (Julie Mudd, R Preston and S Larkins)

Pediatric Quality & Safety
Vol. 5, No. 3, May/June 2020

URL	https://journals.lww.com/pqs/toc/2020/05000
Notes	A new issue of *Pediatric Quality & Safety* has been published. Articles in this issue of *Pediatric Quality & Safety* include: • A Quality Improvement Project to Reduce **Combination Acetaminophen-opioid Prescriptions to Pediatric Orthopedic Patients** (Caruso, Thomas J; Trivedi, Sunny; Chadwick, Whitney; Gaskari, Shabnam; Wang, Ellen; Marquez, Juan; Lagasse, Sara; Bailey, Madison; Shea, Kevin)

- Implementing a Process to Systematically Identify and Address Poor **Medication Adherence in Pediatric Liver Transplant Recipients** (Wadhwani, Sharad Indur; Nichols, Melissa; Klosterkemper, Jarrad; Cirincione, Ross; Whitesell, K; Owen, D; Rengering, R; Walz, B; Heubi, J; Hooper, D K)
- **Timely Delivery of Discharge Medications** to Patients' Bedsides: A Patient-centered Quality Improvement Project (Katz, Daphna T; Fernandez-Sanchez, Josaura V; Loeffler, Leah A; Chang, Simone M; Puertolas-Lopez, Mora V; Ramdial, Faizal R; Fisher, G R; Gutierrez, S A; Mahajan, N; Keerthy, D R; Cavallaro, S P; Landaeta, C E; Pascall, A S; Acevedo, K T; Chan-Poon, K T; Abraham, B R; Siri, M; Reynolds, K L; Van Kirk, K; Bayes Santos, L Y)
- Improving the Timeliness and Safety of **Therapeutic Hypothermia for Hypoxic–Ischemic Encephalopathy** (Smith, H N; Hughes Driscoll, C A)
- Reducing **Antacid Use in a Level IV NICU**: A QI Project to Reduce Morbidity (Reinhart, Richelle M; McClary, Jacquelyn D; Zhang, Mengqi; Marasch, Jaime L; Hibbs, Anna Maria; Nock, Mary L)
- Quality Assurance and Performance Improvement Project for **Suspected Appendicitis** (AlFraih, Yasser; Robinson, T; Stein, N; Kam, A; Flageole, H)
- Improvement of **Electronic Health Record Integrated Transition Planning Tools** in Primary Care (Rusley, Jack; Tomaszewski, Kathy; Kim, Julia; Robinson, Larnce Jr.; Rose, Kadi-Ann; Aronin, Caroline; Molloy, Matthew; Arrington-Sanders, Renata)
- Designing a Process for **Cardiology Patient Transfers**: A Quality Improvement, Descriptive Study on Interprovider Communication and Resident Education (Kulesa, John T; Balsara, Sheri L; Ghebremariam, Emanuel T; Colyer, Jessica)
- **Improving Early Discharges** With an Electronic Health Record Discharge Optimization Tool (Perry, Michael F; Macias, Charlie; Chaparro, Juan D; Heacock, Allison C; Jackson, Kenneth; Bode, Ryan S)
- Successful Increase of **Outpatient Clinic Continuity** in a Fellowship Quality Improvement Project (Srinivasan, Ranjini; Sambatakos, Peter; Lane, Mariellen; Krishnan, Usha; Weller, Rachel; Flyer, Jonathan N; Robinson, K; Glickstein, J)
- Improving **Throughput** for Mid-acuity Patients in the **Pediatric Emergency Department** (Payne, Asha S; Brown, Kathleen M; Berkowitz, Deena; Pettinichi, Jeanne; Schultz, T R; Thomas, A; Chamberlain, J M; Morrison, S N)
- Improving **Concussion Management** by Including Driving Recommendations for Adolescents with Concussions: A Quality Improvement Project (Santana, Jonathan A; Martinie, Rebecca; Gomez, Jorge)
- A Quality Improvement Project to Improve Documentation and Awareness of **Limitations of Life-Sustaining Therapies** (Jones, Amy H; Heneghan, Julia A; Brooks, Bonnie; Maamari, Mia; Ahmad, Ali; October, T W; Corriveau, C)
- Impact of a **Standardized Clinical Pathway for Suspected and Confirmed Ileocolic Intussusception** (Shubin, Corinne E; Rutman, Lori E; Stanescu, A Luana; Vora, Surabhi B; Drugas, George T; Leu, Michael G; Burns, R A)
- Integrating **Suicide Risk Screening** into Pediatric Ambulatory Subspecialty Care (Lois, Becky H; Urban, Tamaki H; Wong, Christina; Collins, Erin; Brodzinsky, Lara; Harris, Mary Ann; Adkisson, Hayley; Armstrong, Monique; Pontieri, Jeanmarie; Delgado, Diana; Levine, Jeremiah; Liaw, K Ron-Li)
- A Quality Improvement Initiative to Improve the **Administration of Systemic Corticosteroids** in the Pediatric Emergency Department (Sneller, Hannah; Keenan, Kaitlin; Hoppa, Eric)

	• Optimizing **High-risk Infant Follow-up** in Nonresearch-based Paradigms: The New England Follow-up Network (Litt, Jonathan S; Edwards, Erika M; Lainwala, S; Mercier, C; Montgomery, A; O'Reilly, D; Rhein, L; Woythaler, M; Hartman, T; on behalf of the New England Follow-up Network) • Contributing Factors for **Pediatric Ambulatory Diagnostic Process Errors**: Project RedDE (Dadlez, Nina M; Adelman, Jason; Bundy, David G; Singh, Hardeep; Applebaum, Jo R; Rinke, Michael L) • Using Practice Facilitation to Improve **Depression Management in Rural Pediatric Primary Care** Practices (Baum, Rebecca A; Hoholik, Suzanne; Maciejewski, Heather; Ramtekkar, Ujjwal)

BMJ Quality & Safety online first articles

URL	https://qualitysafety.bmj.com/content/early/recent
Notes	*BMJ Quality &Safety* has published a number of 'online first' articles, including: • **Apology laws and malpractice liability**: what have we learned? (Adam C Fields, Michelle M Mello, Allen Kachalia) • 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 NELA Project Team)

International Journal for Quality in Health Care online first articles

URL	https://academic.oup.com/intqhc/advance-articles
Notes	*International Journal for Quality in Health Care* has published a number of 'online first' articles, including: • **In-hospital interventions for reducing readmissions** to acute care for adults aged 65 and over: An umbrella review (Tiffany Conroy, L Heuzenroeder, R Feo) • Beyond the Corrective Action Hierarchy: A Systems Approach to **Organizational Change** (Laura J Wood, Douglas A Wiegmann) • **MRI safety management** in patients with cardiac implantable electronic devices: Utilising Failure Mode and Effects Analysis for risk optimization (J W Ryan, A S Murray, P J Gilligan, J M Bisset, C Nolan, A Doyle, B Emerson, J M Galvin, J G Murray) • The **COVID-19** pandemic: A call to action for health systems in Latin America to strengthen quality of care (Garcia Elorrio Ezequiel, Arrieta Jafet, Arce Hugo, Delgado Pedro, Malik Ana Maria, Orrego Villagran Carola, Rincon Sofia, Sarabia Odet, Tono Teresa, Hermida Jorge, Ruelas Barajas Enrique)

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:

- *Extended use or reuse of personal protective equipment*
- *The impact of COVID-19 on clinical education and training.*

World Health Organization COVID-19 resources
https://www.who.int/emergencies/diseases/novel-coronavirus-2019
Throughout the COVID-19 pandemic, the WHO has developed a range of resources for various audiences. These include technical guidance and clinical care materials and advice for the public. Specific material includes:

- *Use of chest imaging in COVID-19* https://www.who.int/publications/i/item/use-of-chest-imaging-in-covid-19
- *Clinical management COVID-19* https://www.who.int/publications-detail-redirect/clinical-management-of-covid-19
- *Clinical care of severe acute respiratory infections – Tool kit* https://www.who.int/publications-detail-redirect/clinical-care-of-severe-acute-respiratory-infections-tool-kit
- *Critical preparedness, readiness and response actions for COVID-19* https://apps.who.int/iris/rest/bitstreams/1283590/retrieve
- *Criteria for releasing COVID-19 patients from isolation* https://www.who.int/publications/i/item/criteria-for-releasing-covid-19-patients-from-isolation

[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:

- **Masks for Prevention of COVID-19** *in Community and Healthcare Settings: A Living Rapid Review* https://effectivehealthcare.ahrq.gov/products/masks-covid/rapid-review

[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 NG178 **COVID 19** *rapid guideline:* **renal transplantation** https://www.nice.org.uk/guidance/ng178