On the Radar

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On the Radar
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Update on the NSQHS Standards Advisories –- new Advisory A17/01: Antimicrobial stewardship

The Australian Commission on Safety and Quality in Health Care (the Commission) develops National Safety and Quality Health Service (NSQHS) Standards advisories to provide additional information and clarity on the implementation of the NSQHS Standards.

The new Advisory *A17/01: Antimicrobial stewardship* has been placed to the Commission's website at
https://www.safetyandquality.gov.au/publications/advisory-a1701-antimicrobial-stewardship/

Two other advisories that have also been recently updated and uploaded to the Commission's website are:
- *Advisory A13/07: Advice provided to accrediting agencies on not applicable actions*
  https://www.safetyandquality.gov.au/publications/advisory-a1307-advice-provided-to-accrediting-agencies-on-non-applicable-actions/
- *Advisory A16/03: Reprocessing of reusable medical devices in health service organisations*
  https://www.safetyandquality.gov.au/publications/advisory-a1603-reprocessing-of-reusable-medical-devices-in-health-service-organisations/

All advisories will be reviewed again in December 2018, prior to the implementation of the NSQHS Standards (second edition). It is expected that a number of advisories will be retired at that time. Health service organisations will be informed when this occurs. All advisories are available on the Commission's website https://www.safeyandquality.gov.au

If you have any questions, please contact the Advice Centre on 1800 304 056 or by email accreditation@safetyandqualtiy.gov.au

Books

Guidelines for the prevention and control of carbapenem-resistant Enterobacteriaceae, *Acinetobacter baumannii* and *Pseudomonas aeruginosa* in health care facilities
World Health Organization
Geneva: World Health Organization; 2017. 76 p.

URL	http://www.who.int/infection-prevention/publications/focus-amr/en/
Notes	The World Health Organization has produced this first global guidelines for preventing and controlling three types of carbapenem-resistant gram-negative bacteria in health settings. The organisms include carbapenem-resistant Enterobacteriaceae (CRE), *Acintobacter baumannii* (CRAB), and *Pseudomonas aeruginosa* (CRPsA). These bacteria are highly transmissible, difficult to treat, and can cause severe illness and death. The guidelines contain eight key recommendations: • Adopt multipart strategies to prevent and control CRE, CRAB, or CRPsA infection or colonization that includes at least hand hygiene, surveillance, contact precautions, patient isolation, and environmental cleaning • Implement hand hygiene best practices • Conduct surveillance for CRE-CRAB-CRPsA infection and colonization, targeting those with previous CRE colonization, contacts of CRE patients, or those with a history of recent hospitalization in CRE-endemic settings • Implement contact precautions when caring for infected or colonized patients • Isolate infected or colonized patients • Comply with environmental cleaning protocols in the "patient zone" of infected or colonized patients • Take surveillance cultures of the environment to detect contamination • Monitor the impact of the interventions.

For information on the Commission's work on healthcare associated infection, including the *Recommendations for the control of carbapenemase-producing Enterobacteriaceae (CPE): A guide for acute care health facilities*, see https://www.safetyandquality.gov.au/our-work/healthcare-associated-infection/

Health at a Glance 2017: OECD indicators
Organisation for Economic Cooperation and Development
Paris: OECD Publishing; 2017. p. 212.

URL	http://dx.doi.org/10.1787/health_glance-2017-en
Notes	The OECD has published their latest issue of the *Health at a Glance* report. This report presents the most recent comparable data on the health status of populations and health system performance in OECD countries. Where possible, it also reports data for partner countries (Brazil, China, Colombia, Costa Rica, India, Indonesia, Lithuania, Russian Federation and South Africa). The data presented in this publication come from official national statistics, unless otherwise stated.

	This edition contains a range of new indicators, particularly on risk factors for health. It also places greater emphasis on time trend analysis. Alongside indicator-by-indicator analysis, this edition offers snapshots and dashboard indicators that summarise the comparative performance of countries, and a special chapter on the main factors driving life expectancy gains.

Reports

Embedding a culture of quality improvement
Jabbal J
London: The King's Fund; 2017. p. 36.

URL	https://www.kingsfund.org.uk/publications/embedding-culture-quality-improvement
Notes	The UK-based King's Fund has published this report based on a roundtable event and interviews with key stakeholders and NHS provider chief executives who have already engaged with quality improvement as a routine way of working. The report identifies practical lessons and focuses on how to create the right conditions for quality improvement to emerge and flourish. The work identified three **common themes** for successfully launching a quality improvement strategy: • having a clear **rationale**; • ensuring staff are **ready for change**; • understanding the implications for the organisation's **leadership** team in terms of style and role. The **key enablers** for embedding a **culture of quality improvement** included: • developing and maintaining a new approach to **leadership**; • allocating adequate **time and resources**; • ensuring there is effective **patient engagement and co-production**; • maintaining **staff engagement**. Fidelity to a chosen approach is critical to sustaining and embedding quality improvement in an organisation's culture. The report finds that health **leaders play a key role** in creating the right conditions for quality improvement. **Leaders** need to **engage** with staff, **empower** frontline teams to develop solutions, and ensure that there is an appropriate **infrastructure** in place to support staff and spread learning.

Patient Safety in the Office-Based Practice Setting
American College of Physicians
Philadelphia: American College of Physicians; 2017. p. 24.

URL	https://www.acponline.org/acp-newsroom/american-college-of-physicians-says-patient-safety-must-be-improved-in-office-based-practice
Notes	The American College of Physicians has published this short (24-page) position paper that makes a series of recommendations on patient safety in the ambulatory or office-based setting. The recommendations cover issues such as **culture**, **measurement** and **reporting**, **health literacy**, **team-based care** and better use of **health IT**.

Journal articles

Association of the Hospital Readmissions Reduction Program implementation with readmission and mortality outcomes in heart failure
Gupta A, Allen LA, Bhatt DL, Cox M, DeVore AD, Heidenreich PA, et al
JAMA Cardiology. 2017 [epub].

DOI	https://dx.doi.org/10.1001/jamacardio.2017.4265
Notes	Paper reporting on a study that looked at the association of the (US) Hospital Readmissions Reduction Program with trends in readmission and mortality rates among fee-for-service (US) Medicare beneficiaries hospitalised with heart failure. This observational study covered 115 245 fee-for-service Medicare beneficiaries hospitalised with heart failure at 416 sites across the United States. The study found that the implementation of the **Hospital Readmissions Reduction Program** was associated with a subsequent **decrease** in 30-day and 1-year risk-adjusted **readmissions** and an **increase** in 30-day and 1-year risk-adjusted **mortality**.

Future of clinical leadership: the critical role of front-line doctors
Nigam A, Gao M
BMJ Leader. 2017.

DOI	http://dx.doi.org/10.1136/leader-2017-000021
Notes	'No man is an island'; perhaps the only piece of John Donne's writing still widely known. No one person, no one clinician can determine the success or otherwise of a health care facility. As the saying has it, health care is a team sport. This article, however, discusses the importance of frontline clinicians in providing leadership and direction. These clinicians can not only drive change but they also hinder it when they choose to do so. As the authors conclude, "Harnessing the **productive leadership** potential of front-line doctors today is **critical** to creating a **high-performing, sustainable healthcare system**."

Creating a Highly Reliable Neonatal Intensive Care Unit Through Safer Systems of Care
Panagos PG, Pearlman SA
Clinics in Perinatology. 2017;44(3):645-62.

DOI	https://doi.org/10.1016/j.clp.2017.05.006
Notes	Article discussing the elements that contribute to ensuring a neonatal intensive care unit (NICU) is a safe and reliable setting. The article's key points are: • Creating a culture of safety is the key to making the NICU safer. • Incident reporting and analysis are critical to improving patient safety. • A non-punitive approach promotes staff engagement in safety activities. • An interdisciplinary approach is fundamental to NICU safety efforts. • Unplanned extubation is a NICU safety concern that can be addressed.

Health Affairs
Volume: 36, Number: 11 (November 2017)

URL	http://www.healthaffairs.org/toc/hlthaff/36/11
Notes	A new issue of *Health Affairs* has been published, with the focus 'Global Health Policy'. Articles in this issue of *Health Affairs* include: • Lower-Income Countries That Face The Most Rapid Shift In **Noncommunicable Disease Burden** Are Also The Least Prepared (Thomas J Bollyky, Tara Templin, Matthew Cohen, and Joseph L Dieleman)

- Trends In The Alignment And Harmonization Of **Reproductive, Maternal, Newborn, And Child Health Funding**, 2008–13 (Melisa Martinez-Alvarez, Arnab Acharya, Leonardo Arregoces, Lara Brearley, Catherine Pitt, Christopher Grollman, and Josephine Borghi)
- **Nationwide Mortality Studies** To Quantify Causes Of Death: Relevant Lessons From India's Million Death Study (Mireille Gomes, Rehana Begum, Prabha Sati, R Dikshit, P C Gupta, R Kumar, J Sheth, A Habib, and P Jha)
- **Avoidable Hospital Admissions** From **Diabetes Complications** In Japan, Singapore, Hong Kong, And Communities Outside Beijing (Jianchao Quan, Huyang Zhang, Deanette Pang, Brian K Chen, Janice M Johnston, Weiyan Jian, Zheng Yi Lau, T Iizuka, G M Leung, HFang, K B Tan, and K Eggleston)
- In British Columbia, The **Supply Of Primary Care Physicians** Grew, But Their Rate Of Clinical Activity Declined (Lindsay Hedden, Morris L Barer, Kimberlyn McGrail, Michael Law, and Ivy L Bourgeault)
- Global Lessons In **Frugal Innovation** To Improve Health Care Delivery In The United States (Yasser Bhatti, Andrea Taylor, Matthew Harris, Hester Wadge, Erin Escobar, Matt Prime, Hannah Patel, Alexander W Carter, Greg Parston, Ara W Darzi, and Krishna Udayakumar)
- **Improving Care And Lowering Costs**: Evidence And Lessons From A Global Analysis Of **Accountable Care Reforms** (Mark McClellan, Krishna Udayakumar, Andrea Thoumi, Jonathan Gonzalez-Smith, Kushal Kadakia, Natalia Kurek, Mariam Abdulmalik, and Ara W Darzi)
- **Health Professional Education And Universal Health Coverage**: A Summary Of Challenges And Selected Case Studies (Arthika Sripathy, Joachim Marti, Hannah Patel, Javaid I Sheikh, and Ara W Darzi)
- Making The Most Of **Microfinance Networks** (Margaret K. Saunders)
- **Microfinance Institutions'** Successful Delivery Of **Micronutrient Powders**: A Randomized Trial In Rural Haiti (Aaron Baum, W Elize, and F Jean-Louis)
- Mentor Mothers Program Improved **Child Health Outcomes** At A Relatively Low Cost In South Africa (Adriane Wynn, Mary Jane Rotheram-Borus, Arleen A. Leibowitz, Thomas Weichle, I le Roux, and M Tomlinson)
- Measuring The Impact Of **Cash Transfers And Behavioral 'Nudges'** On Maternity Care In Nairobi, Kenya (Jessica Cohen, Claire Rothschild, Ginger Golub, George N. Omondi, Margaret E. Kruk, and Margaret McConnell)
- Accountable Care Reforms Improve **Women's And Children's Health** In Nepal (Duncan Maru, Sheela Maru, Isha Nirola, Jonathan Gonzalez-Smith, A Thoumi, P Nepal, P Chaudary, I Basnett, K Udayakumar, and M McClellan)
- Innovative Product Development Partnership Reduced **Neonatal Mortality** In Nepal Through Improved Umbilical Cord Care (Peter Oyloe, Leela Khanal, Stephen Hodgins, Sabita T. Pradhan, and Penny Dawson)
- To Reduce **Neonatal Mortality**, Nigeria Is Taking A Simple Treatment Nationwide (T R Goldman)
- **ParkinsonNet**: A Low-Cost Health Care Innovation With A Systems Approach From The Netherlands (Bas R. Bloem, Lonneke Rompen, Nienke M. de Vries, Ab Klink, Marten Munneke, and Patrick Jeurissen)
- Explicit Bias Toward **High-Income-Country Research**: A Randomized, Blinded, Crossover Experiment Of English Clinicians (Matthew Harris, Joachim Marti, Hillary Watt, Yasser Bhatti, James Macinko, and Ara W. Darzi)
- **Choosing Wisely** Campaign: Valuable For Providers Who Knew About It, But Awareness Remained Constant, 2014–17 (Carrie H Colla, and A J Mainor)

	• **Choosing Wisely**: How To Fulfill The Promise In The Next 5 Years (Eve A Kerr, Jeffrey T Kullgren, and Sameer D Saini)

Health Expectations
Volume 20, Issue 6, December 2017

URL	http://onlinelibrary.wiley.com/doi/10.1111/hex.2017.20.issue-6/issuetoc
Notes	A new issue of *Health Expectations* has been published. Articles in this issue of *Health Expectations* include: • Focus on **shared decision-making** (Carolyn A Chew-Graham) • Implementation of a **youth-adult partnership model in youth mental health** systems research: Challenges and successes (Olivia S Heffernan, Tyson M Herzog, Jordana E Schiralli, Lisa D Hawke, G Chaim and J L Henderson) • Easy read and **accessible information** for people with intellectual disabilities: Is it worth it? A meta-narrative literature review (Deborah Chinn and Claire Homeyard) • **Patient expectations** for management of **chronic non-cancer pain**: A systematic review (Jose W Geurts, Paul C Willems, Craig Lockwood, Maarten van Kleef, Jos Kleijnen and Carmen Dirksen) • Effect on cardiovascular disease risk factors of interventions to alter **consultations between practitioners and patients** with type 2 diabetes: A systematic review and meta-analysis of trials in primary care (Hajira Dambha-Miller, Andrew J M Cooper, Ann Louise Kinmonth and Simon J Griffin) • **Communication practices** that encourage and constrain **shared decision making** in health-care encounters: Systematic review of conversation analytic research (Victoria Land, Ruth Parry and Jane Seymour) • **Patient and physician views of shared decision making** in cancer (Nina P Tamirisa, James S Goodwin, Arti Kandalam, Suzanne K Linder, Susan Weller, Stella Turrubiate, Colleen Silva and Taylor S Riall) • **Training doctors** briefly and in situ to involve their patients in making **medical decisions**—Preliminary testing of a newly developed module (Jürgen Kasper, Katrin Liethmann, Christoph Heesen, D R Reissmann and F Geiger) • The evolution of **uncertainty in second opinions** about prostate cancer treatment (Marij A Hillen, Caitlin M Gutheil, Ellen M A Smets, Moritz Hansen, Terrence M Kungel, Tania D Strout and Paul K J Han) • **Feedback preferences of patients, professionals and health insurers** in integrated head and neck cancer care (Lydia F J van Overveld, Robert P Takes, Thomas W Vijn, Jozé C C Braspenning, Jan P de Boer, John J A Brouns, Rolf J Bun, Boukje A C van Dijk, Judith A W F Dortmans, Emilie A C Dronkers, Robert J J van Es, Frank J P Hoebers, Arvid Kropveld, Johannes A Langendijk, Ton P M Langeveld, Sjoukje F Oosting, H P Verschuur, J G A M de Visscher, S van Weert, M A W Merkx, L E Smeele and R P M G Hermens) • **Preferences for prenatal diagnosis** of sickle-cell disorder: A discrete choice experiment comparing potential service users and health-care providers (Melissa Hill, E Oteng-Ntim, F Forya, M Petrou, S Morris and L S Chitty) • Development and validation of a **Chinese medication literacy measure** (Ying-Chih Yeh, Hsiang-Wen Lin, Elizabeth H. Chang, Yen-Ming Huang, Yu-Chieh Chen, Chun-Yu Wang, Jen-Wei Liu and Yu Ko) • Patients' views on the use of an **Option Grid for knee osteoarthritis** in physiotherapy clinical encounters: An interview study (Katharine Kinsey, Jill Firth, Glyn Elwyn, Adrian Edwards, K Brain, K Marrin, A Nye and F Wood)

- "It's a fight to get anything you need" — **Accessing care** in the community from the perspectives of people with **multimorbidity** (Julia W Ho, Kerry Kuluski and Jennifer Im)
- **Experiences and expectations** in the first trimester of **pregnancy**: A qualitative study (Stina Lou, Michal Frumer, Mette M Schlütter, Olav B Petersen, Ida Vogel and Camilla P Nielsen)
- Asking what matters: The relevance and use of **patient-reported outcome measures** that were developed without patient involvement (Bianca Wiering, Dolf de Boer and Diana Delnoij)
- Understanding **food vulnerability and health literacy** in older bereaved men: A qualitative study (Jill Thompson, Angela Tod, Paul Bissell and M Bond)
- The PU-PROM: A **patient-reported outcome measure** for peptic ulcer disease (Na Liu, Jing Lv, Jinchun Liu and Yanbo Zhang)
- Reconciling patient and provider priorities for improving the care of **critically ill patients**: A consensus method and qualitative analysis of decision making (Emily McKenzie, Melissa L Potestio, Jamie M Boyd, Daniel J Niven, Rebecca Brundin-Mather, Sean M Bagshaw, Henry T Stelfox and On behalf of the Improving Daily Care in the ICU Panel)
- The association between **patient activation and self-care practices**: A cross-sectional study of an Australian population with comorbid diabetes and chronic kidney disease (Edward Zimbudzi, Clement Lo, Sanjeeva Ranasinha, Peter G Kerr, Kevan R Polkinghorne, Helena Teede, Timothy Usherwood, Rowan G Walker, Greg Johnson, Greg Fulcher and Sophia Zoungas)
- Understanding the influences and impact of **patient-clinician communication** in cancer care (Jennifer Elston Lafata, Laura A Shay and Jodi M Winship)
- Qualitative insights into the experience of **teaching shared decision making** within adult education health literacy programmes for lower-literacy learners (Danielle M Muscat, Suzanne Morony, Sian K Smith, Heather L Shepherd, H M Dhillon, A Hayen, L Trevena, K Luxford, D Nutbeam and K J McCaffery)
- Priorities for methodological research on **patient and public involvement in clinical trials**: A modified Delphi process (Anna Kearney, Paula Williamson, Bridget Young, Heather Bagley, Carrol Gamble, Simon Denegri, Delia Muir, Natalie A. Simon, Stephen Thomas, Jim T Elliot, Helen Bulbeck, Joanna C Crocker, Claire Planner, Claire Vale, Mike Clarke, T Sprosen and K Woolfall)
- How does the **side-effect information in patient information leaflets** influence peoples' side-effect expectations? A cross-sectional national survey of 18- to 65-year-olds in England (Rebecca K Webster, John Weinman and G James Rubin)
- Research priorities about **stoma-related quality of life** from the perspective of people with a stoma: A pilot survey (Gill Hubbard, Claire Taylor, Becca Beeken, Anna Campbell, Jackie Gracey, Chloe Grimmett, Abi Fisher, Gozde Ozakinci, Sarah Slater and Trish Gorely)
- "Part of the Team": Mapping the outcomes of **training patients for new roles** in health research and planning (Svetlana Shklarov, Deborah A. Marshall, Tracy Wasylak and Nancy J. Marlett)

URL	http://www.longwoods.com/publications/healthcare-quarterly/25271
Notes	A new issue of *Healthcare Quarterly* has been published. Articles in this issue of *Healthcare Quarterly* include: • Ethnic Differences in **Mental Health and Race-Based Data Collection** (Maria Chiu) • **Unnecessary Care** in Canada (Katerina Gapanenko, David Lam, Michelle Parker, Jennifer D'Silva and Tracy Johnson) • Physician Remuneration for **Remote Consults**: An Overview of Approaches across Canada (Kelly Stanistreet, J Verma, K Kirvan, N Drimer and C Liddy) • A Model for Developing **Clinical Analytics Capacity**: Closing the Loops on Outcomes to Optimize Quality (Corinne Eggert, Kenneth Moselle, Denis Protti and Dale Sanders) • **Clinical Documentation** in an Era of Increasing Transparency: The Impact of Electronic Portals on Care (Joanne Maxwell, Keith Adamson, Amir Karmali and Lee Verweel) • **Partnering with Patients**: The Toronto Central LHIN Telehomecare Experience (Josie Barbita and Susana Neves-Silva) • Using Mobile Apps to Communicate **Vaccination Records**: A City-wide Evaluation with A National Immunization App, Maternal Child Registry and Public Health Authorities (Katherine M. Atkinson, Ziad El-Khatib, Geoffery Barnum, Cameron Bell, Marie-Claude Turcotte, Malia S.Q. Murphy, Mari Teitelbaum, Pranesh Chakraborty, Lucie Laflamme and Kumanan Wilson) • Monitoring Receptivity to **Online Health Messages** by Tracking Daily Web Traffic Engagement Patterns: A Review of More than 13 Million US Web Exposures over 1,235 Days (Neil Seeman and Bob Seeman) • Interprofessional Education for Internationally Educated Health Professionals: Pathways to **Licensure** (Ruby Emily Grymonpre, Mubashir Aslam Arain, Lesley Ann Bainbridge, Siegrid Deutschlander, Elizabeth Louise Harrison, Ruth A. Koenig, Máire McAdams, Grace Maureen Mickelson and E Suter) • Improving **Care Experiences, Efficiencies and Quality of Care for Seniors** in Alberta (Marjan Abbasi, Sheny Khera, J Dabravolskaj and L Xia) • Code Grey: **Stained Surgical Instruments** and Their Impact on One Canadian Health Authority (Rob Kean, Ron Johnson and Michael Doyle) • **Coding Accuracy** for Outpatient Ophthalmic Surgery: St. Joseph's Healthcare Hamilton (Nina Ahuja) • Going Beyond the 9-1-1 Call – What BC Emergency Health Services is doing to Improve **Timely Access to Emergency Care** (Kerry Campbell, Jessica Jaiven, Kimberly Banfield, Corinne Begg, Janice Butler and Leanne Thain)

BMJ Quality and Safety online first articles

URL	https://qualitysafety.bmj.com/content/early/recent
Notes	*BMJ Quality and Safety* has published a number of 'online first' articles, including: • Ratings game: an analysis of **Nursing Home Compare and Yelp ratings** (Kayla Johari, Caitlyn Kellogg, Katalina Vazquez, Krystle Irvine, Anna Rahman, Susan Enguidanos) • **Improving PICC use and outcomes** in hospitalised patients: an interrupted time series study using MAGIC criteria (Lakshmi Swaminathan, Scott Flanders, Mary Rogers, Yvonne Calleja, Ashley Snyder, Rama Thyagarajan, Priscila Bercea, Vineet Chopra) • A qualitative study of **patient involvement in medicines management** after hospital discharge: an under-recognised source of systems resilience (Beth Fylan, Gerry Armitage, Deirdre Naylor, Alison Blenkinsopp) • The association between **patient experience** factors and likelihood of **30-day readmission**: a prospective cohort study (Jocelyn Carter, Charlotte Ward, Deborah Wexler, Karen Donelan)

Online resources

[USA] Patient Safety Primers
https://psnet.ahrq.gov/primers/
The Patient Safety Primers from the (US) Agency for Healthcare Research and Quality (AHRQ) discuss key concepts in patient safety. Each primer defines a topic, offers background information on its epidemiology and context, and provides links to relevant materials.
- **Electronic Health Records** – The implementation of electronic health records has brought significant change in health care and in medical practice. The digitization of health care data has had some positive effects on patient safety, but it has also created new patient safety concerns. https://psnet.ahrq.gov/primers/primer/43
- **Individual Clinician Performance Issues** – Many safety improvement efforts focus on system performance. A clinician's individual skill level is an important component of the care delivery system that can influence patient safety. Emerging evidence examines assessment, monitoring, and improvement of clinicians' competence as a means of addressing this unique component and ensuring patient safety. https://psnet.ahrq.gov/primers/primer/44

[UK] NICE Guidelines and Quality Standards
https://www.nice.org.uk
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 NG37 **Fractures** *(complex): assessment and management* https://www.nice.org.uk/guidance/ng37
- Clinical Guideline CG185 **Bipolar disorder**: *assessment and management* https://www.nice.org.uk/guidance/cg185

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