



On the Radar

Issue 443
2 December 2019

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.

On the Radar is available online, via email or as a PDF or Word document from <https://www.safetyandquality.gov.au/publications-and-resources/newsletters/radar>

If you would like to receive *On the Radar* via email, you can subscribe on our website <https://www.safetyandquality.gov.au/publications-and-resources/newsletters> or by emailing us at mail@safetyandquality.gov.au. You can also send feedback and comments to mail@safetyandquality.gov.au.

For information about the Commission and its programs and publications, please visit <https://www.safetyandquality.gov.au>. You can also follow us on Twitter @ACSQHC.

On the Radar

Editor: Dr Niall Johnson niall.johnson@safetyandquality.gov.au

Contributors: Niall Johnson, Lisa Gray

National Consultation on the draft Severe (Third and Fourth Degree) Perineal Tears Clinical Care Standard

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

The Australian Commission on Safety and Quality in Health Care is seeking comments on the draft *Severe (Third and Fourth Degree) Perineal Tears Clinical Care Standard* and support materials. Comments are sought from healthcare professionals, healthcare and consumer organisations, consumers and any other interested parties.

A clinical care standard contains a small number of quality statements that describe the clinical care that a patient should be offered for a specific clinical condition and supports:

- People to know what care should be offered by their healthcare system, and to make informed treatment decisions in partnership with their clinicians
- Clinicians to make decisions about appropriate care
- Health service organisations to examine the performance of their organisation and make improvements in the care they provide.

The draft *Severe (Third and Fourth Degree) Perineal Tears Clinical Care Standard* and instructions for submitting comments are available on the Commission’s website at:
<https://www.safetyandquality.gov.au/our-work/clinical-care-standards/current-consultations/>

The consultation period will be open until 11:59 pm on **8 December 2019**.

For further information about the Clinical Care Standards or the consultation process, please contact Alice Bhasale, Program Director, ccs@safetyandquality.gov.au

Reports

Evaluating integrated care: Why are evaluations not producing the results we expect?

Kumpunen S, Edwards N, Georghiou T, Hughes G

London: Nuffield Trust; 2019. p. 21.

Leading for integrated care: ‘If you think competition is hard, you should try collaboration’

Timmins N

London: The King's Fund; 2019. p. 52.

URL	Kumpunen et al https://www.nuffieldtrust.org.uk/resource/evaluating-integrated-care-why-are-evaluations-not-producing-the-results-we-expect Timmins https://www.kingsfund.org.uk/publications/leading-integrated-care
Notes	The better integration of care has been imagined as ways of improving care, particularly through the better coordination and continuity of care, especially for patients who have chronic conditions. However, some of the expected improvements (such as reduced hospital admissions) have not always been forthcoming. This briefing (Kumpunen et al) from the Nuffield Trust in the UK examines some of the possible reasons and offers advice on design and implementation of integrated care. Also looking at integrated care and from the UK is Timmins’ update on the state of integrated care in the UK. This report draws on interviews with leaders of organisations grappling with implementing integrated care.

Journal articles

Reducing antibiotic resistance through antibiotic stewardship in the ambulatory setting

Keller SC, Cosgrove SE

The Lancet Infectious Diseases. 2019 [epub]

DOI	https://doi.org/10.1016/S1473-3099(19)30635-8
Notes	Antimicrobial stewardship is considered to be an important strategy in ameliorating antibiotic resistance. However, much of the existing antimicrobial stewardship has focused on the acute setting, i.e. hospitals. This piece highlights how given that ‘Between 60% and 90% of human antibiotic consumption globally occurs in the outpatient setting, and at least a third of antibiotics prescribed in ambulatory care settings are not necessary’ there is a need to look at stewardship in the ambulatory/primary care setting. The piece also recognises the particular challenges of this setting, ‘including insufficient resources for quality-improvement infrastructure, the absence of team-delivered care, evaluation of patients at a single timepoint, time constraints limiting detailed discussions with patients, and a larger component of prescribing on the basis of perceived or real patient demand.’

For information on the Commission’s work on antimicrobial stewardship, see <https://www.safetyandquality.gov.au/our-work/antimicrobial-stewardship>

For information on the Commission’s work on antimicrobial resistance, see <https://www.safetyandquality.gov.au/our-work/antimicrobial-resistance>

Whistleblowing over patient safety and care quality: a review of the literature

Blenkinsopp J, Snowden N, Mannion R, Powell M, Davies H, Millar R, et al
Journal of Health Organization and Management. 2019;33(6):737-756.

DOI	https://doi.org/10.1108/JHOM-12-2018-0363
Notes	Whistleblowing can be an important corrective when culture and practice are particularly abhorrent. However, as is all too well-known, those who speak out can bear significant consequences. This paper presents a review of the literature on the specific issue of whistleblowing over safety and quality of care. The willingness of staff report issues or speak up is itself an indicator of the safety culture in an organisation. It is important that people feel free and safe to speak out and that organisation’s leadership value and listen to such people. The review found that the literature tends to focus on the individual who speaks out and not so much on organisational and/or system responses.

Impact of weekend effect on postoperative mortality in patients undergoing emergency General surgery procedures: Meta-analysis of prospectively maintained national databases across the world

Hajibandeh S, Hajibandeh S, Satyadas T
The Surgeon. 2019 [epub].

DOI	https://doi.org/10.1016/j.surge.2019.09.006
Notes	The existence (or not) of the “weekend effect” has been much debated. This meta-analysis examined the issue with regard to emergency surgery. Using pooled data from 10 studies covering 394,646 patients from across Europe (including the UK) and the USA the authors report finding that there was a higher risk of postoperative mortality among patients undergoing emergency general surgery on the weekends. However, the authors note that the “weekend effect in emergency General Surgery is variable across the world. Although it seems to be significant in the USA and Europe, it does not increase the risk of postoperative mortality in the UK.”

Journal of Patient Experience

Volume: 6, Number: 4 (December 2019)

URL	https://journals.sagepub.com/toc/jpxa/6/4
Notes	A new issue of the <i>Journal of Patient Experience</i> has been published. Articles in this issue of the <i>Journal of Patient Experience</i> include: <ul style="list-style-type: none"> • Editorial: A Relational Model of Organizational Change: A Wholistic View of Patient Experience (Laura Cooley) • The Impact of Health Equity Coaching on Patient’s Perceptions of Cultural Competency and Communication in a Pediatric Emergency Department: An Intervention Design (Brianna McMichael, Amanda Nickel, Elizabeth A Duffy, Lisa Skjefte, Lor Lee, Patina Park, Stephen C Nelson, Susan Puumala, and Anupam B Kharbanda) • “Voluntarily Admitted Against My Will”: Patient Perspectives on Effects of, and Alternatives to, Coercion in Psychiatric Care for Self-Injury (Ellen Gerle, Anne Fischer, and Lars-Gunnar Lundh) • Receiving Bad News: A Thematic Analysis of Stroke Survivor Experiences (Robyn Maddern and Ian I Kneebone)

	<ul style="list-style-type: none"> • The Expressions of Hope in the Face of Complex Surgery: Experiences of Patients and Their Loved Ones (Karen M Baur, Jill Chamberlain, M Cecilia Wendler, Paula Harwood, Joni Colle, and Deb Yeaman) • The Patient Teacher in General Practice Training: Perspectives of Residents (Marie José Aires, Rémi Gagnayre, Olivia Gross, Cam-Anh Khau, Sophie Haghighi, Alain Mercier, Yannick Ruelle, and Claire Marchand) • Diagnosis and Decision-Making in Telemedicine (Yannis Pappas, Jitka Vseteckova, Nikolas Mastellos, Geva Greenfield, and Gurch Randhawa) • Continuity of Care: Perspectives of Uninsured Free Clinic Patients (Akiko Kamimura, Samin Panahi, Zobayer Ahmmad, Mary Stoddard, Shannon Weaver, and Jeanie Ashby) • Patients' Experiences of Participating Actively in Shared Decision-Making in Mental Care (Lise Sæstad Beyene, Elisabeth Severinsson, Britt Sætre Hansen, and Kristine Rørtveit) • Calling on the Patient's Perspective in Emergency Medicine: Analysis of 1 Year of a Patient Callback Program (Shaw Natsui, Emily L Aaronson, Tony A Joseph, Andrew J Goldsmith, Jonathan D Sonis, Ali S Raja, Benjamin A White, Ines Luciani-Mcgillivray, and Elizabeth Mort) • What's in a Name? Role Clarity Goes Well Beyond a Simple Title (David A Turner, Kyle J Rehder, Alisa Nagler, Julia Aucoin, Pam Edwards, and Catherine Kuhn) • Early Performance Trends After the Public Posting of Ambulatory Patient Satisfaction Reviews (Paige G Wickner, Christian Dankers, Melanie Green, Hojjat Salmasian, and Allen Kachalia) • When We Meet in a Clearing: Making Research Accessible to Patients and Patient Experience Accessible to Clinicians (Giovanni Biglino, Sofie Layton, and Jo Wray)
--	--

American Journal of Medical Quality

Volume: 34, Number: 6 (November/December 2019)

URL	https://journals.sagepub.com/toc/ajmb/34/6
Notes	<p>A new issue of the <i>American Journal of Medical Quality</i> has been published. Articles in this issue of the <i>American Journal of Medical Quality</i> include:</p> <ul style="list-style-type: none"> • How Leading Hospitals Operationalize Evidence-Based Readmission Reduction Strategies: A Mixed-Methods Comparative Study Using Systematic Review and Survey Design ((Bita A Kash, Juha Baek, Ohbet Cheon, Joanna-Grace M Manzano, S L Jones, J Paraniham, and R A Phillips) • Quality Improvement Toolkits: Recommendations for Development (Susanne Hempel, Isomi Miake-Lye, Angela G Brega, Fred Buckhold, III, Susan Hassell, Mary Patricia Nowalk, Lisa Rubenstein, Kathryn Schreiber, William D Spector, Amy M Kilbourne, and David A Ganz) • Association Between Board Certification, Maintenance of Certification, and Surgical Complications in the United States (Tim Xu, Ambar Mehta, Angela Park, Martin A Makary, and David W Price) • Incorporating Continuity in a 7-On 7-Off Hospitalist Model and the Correlation With Patient Handoffs and Length of Stay (Christopher M O'Donnell, Marsha Stern, Traci Leong, Ethan Molitch-Hou, and B Mitchell) • Decreasing Room Traffic in Orthopedic Surgery: A Quality Improvement Initiative (Alex C. DiBartola, Christine Barron, Scott Smith, C Quatman-Yates, A M W Chaudhari, T J Scharschmidt, S D Moffatt-Bruce, and C E Quatman)

	<ul style="list-style-type: none"> • An IDEA: Safety Training to Improve Critical Thinking by Individuals and Teams (Anne Marie Browne, Ellen S Deutsch, Krystyna Corwin, Daniela H Davis, Jeanette M Teets, and Michael Apkon) • An Interprofessional Quality Improvement Training Program That Improves Educational and Quality Outcomes (Marianne Baernholdt, Moshe Feldman, Mary Lynn Davis-Ajami, L Dale Harvey, Paul E Mazmanian, Debbie Mobley, Jenifer K Murphy, Carolyn Watts, and Alan Dow) • Stroke Center Certification Is Associated With Improved Guideline Concordance (Adam S Jasne, Heidi Sucharew, Kathleen Alwell, Charles J Moomaw, Matthew L Flaherty, Opeolu Adeoye, Daniel Woo, Jason Mackey, S Ferioli, S Martini, F de los Rios la Rosa, B M Kissela, and D Kleindorfer) • The Swiss Cheese Conference: Integrating and Aligning Quality Improvement Education With Hospital Patient Safety Initiatives (Matthew S Durstenfeld, Scott Statman, Andrew Dikman, Anahita Fallahi, Cindy Fang, Frank M Volpicelli, and Katherine A Hochman) • Associations Among Practice Variation, Clinician Characteristics, and Care Algorithm Usage: A Multispecialty Vignette Study (David A Cook, V S Pankratz, L J Pencille, D M Dupras, J A Linderbaum, and J M Wilkinson) • Geospatial, Clinical, and Social Determinants of Hospital Readmissions (Yun Ye, Micah W Beachy, Jiangtao Luo, Tammy Winterboer, Brandon S Fleharty, Charlotte Brewer, Zijian Qin, Z Naveed, M A Ash, and L Baccaglini) • Value-Based Contracting: Challenges and Opportunities (Arianna Kee and Vittorio Maio) • Therapeutic Use of Music in Hospitals: A Possible Intervention Model (Alfredo Raglio) • Assessing Quality of Diabetes Care and Medical Student Volunteer Knowledge of Diabetes Care at the University of Chicago Community Health Clinic (Anastasia Pozdnyakova, Michael Andersen, Sebastian Cruz, Hannah Wilson, Mikhail Pakvasa, and Julie Oyler) • Book Review: Meltdown: Why Our Systems Fail and What We Can Do About It (Jessica Davis) • Improving Post-Intubation Analgesia in the Emergency Department (Kelly Howe, Bryan Imhoff, and Sam Wagner) • Evaluation of Individualized Coaching on Consent Form Compliance in the Outpatient Clinics of a Large Academic Dermatology Center (Rebecca L Yanovsky, Arthur J Sober, and Gideon P Smith)
--	--

BMJ Quality and Safety online first articles

URL	https://qualitysafety.bmj.com/content/early/recent
Notes	<p><i>BMJ Quality and Safety</i> has published a number of ‘online first’ articles, including:</p> <ul style="list-style-type: none"> • A mixed methods study examining teamwork shared mental models of interprofessional teams during hospital discharge (Kirstin Manges, Patricia S Groves, Amany Farag, Ryan Peterson, Joanna Harton, S R Greysen) • Quality of care for acute abdominal pain in children (Yvonne Zurynski, Kate Churruca, Gaston Arnolda, Sarah Dalton, Hsuen P Ting, Peter Damian Hibbert, Charlotte Molloy, Louise K Wiles, Carl de Wet, Jeffrey Braithwaite) • Using standardised patients to assess the quality of medical records: an application and evidence from rural China (Yuju Wu, Huan Zhou, Xiao Ma, Yaojiang Shi, Hao Xue, Chengchao Zhou, H Yi, A Medina, J Li, S Sylvia)

	<ul style="list-style-type: none"> • Implementation of research evidence in orthopaedics: a tale of three trials (Katharine Reeves, Samuel Chan, Alastair Marsh, Suzy Gallier, Catrin Wigley, Kamlesh Khunti, Richard J Lilford) • Application of human factors to improve usability of clinical decision support for diagnostic decision-making: a scenario-based simulation study (Pascale Carayon, Peter Hoonakker, Ann Schoofs Hundt, Megan Salwei, Douglas Wiegmann, Roger L Brown, Peter Kleinschmidt, Clair Novak, Michael Pulia, Yudi Wang, Emily Wirkus, Brian Patterson)
--	--

Online resources

Managing pain and opioid medicines

<https://www.nps.org.au/assets/Patient-guide-to-managing-pain-and-opioid-medicines-Choosing-Wisely.pdf>

NPS Medicinewise has developed this 2-page guide to help inform patients about opioid medicines.

NPS Medicinewise also has online resources for consumers and health professionals, including:

- *Opioid medicines and chronic non-cancer pain* <https://www.nps.org.au/consumers/opioid-medicines>
- *Opioids, chronic pain and the bigger picture* <https://www.nps.org.au/professionals/opioids-chronic-pain>

[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 NG147 ***Diverticular disease: diagnosis and management*** <https://www.nice.org.uk/guidance/ng147>

[UK] National Institute for Health Research

<https://discover.dc.nihr.ac.uk/portal/search/signals>

The UK's National Institute for Health Research (NIHR) Dissemination Centre has released the latest 'Signals' research summaries. This latest release includes:

- A nurse-led intervention did not reduce **post-traumatic stress disorder symptoms in critical care patients**
- Robotic surgery for **rectal cancer** produces similar results to keyhole surgery
- **Adults who are more active live longer**
- A less healthy lifestyle increases the **risk of dementia**
- Telephone-delivered CBT can provide lasting benefits for people with **IBS**
- Combined drug therapy for at least 36 weeks reduces relapse after **psychotic depression**
- Losing weight following **type 2 diabetes** diagnosis boosts chance of remission
- A workplace voucher reward scheme failed to boost **physical activity**
- Planned earlier delivery for late **pre-eclampsia** may be better for mothers
- Patients, in theory, might prefer GP-led care to self-management for **high blood pressure**.

[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:

- *Translation of a Clinical Pathway for C. Difficile Treatment Into a Machine-Readable Clinical Decision Support Artifact Prototyped for Electronic Health Record Integration*
<https://effectivehealthcare.ahrq.gov/products/translation-c-diff-treatment/methods-report>
- *Performance and Usability of Machine Learning for Screening in Systematic Reviews: A Comparative Evaluation of Three Tools*
<https://effectivehealthcare.ahrq.gov/products/machine-learning-screening/methods-report>
- *Assessing the Accuracy of Machine-Assisted Abstract Screening With DistillerAI: A User Study*
<https://effectivehealthcare.ahrq.gov/products/machine-assisted-abstract-screening/methods-report>

Disclaimer

On the Radar is an information resource of the Australian Commission on Safety and Quality in Health Care. The Commission is not responsible for the content of, nor does it endorse, any articles or sites listed. The Commission accepts no liability for the information or advice provided by these external links. Links are provided on the basis that users make their own decisions about the accuracy, currency and reliability of the information contained therein. Any opinions expressed are not necessarily those of the Australian Commission on Safety and Quality in Health Care.