



## On the Radar

Issue 363

26 March 2018

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### On the Radar

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### Reports

*Vascular Surgery. GIRFT Programme National Specialty Report*

Horrocks M

London: Getting It Right First Time; 2018. p. 54.

URL	<a href="http://gettingitrightfirsttime.co.uk/vascular-surgery-report/">http://gettingitrightfirsttime.co.uk/vascular-surgery-report/</a>
Notes	The UK's Getting It Right First Time (GIRFT) programme has published its latest report. This report focuses on vascular surgery. One of the key recommendations is that the UK should adopt a fully-fledged <b>vascular networks model</b> as such networks would <b>improve patient outcomes</b> and <b>save more lives</b> by enabling more patients to receive urgent surgery sooner and would help to reduce the likelihood of life-threatening strokes, TIAs (transient ischaemic attacks), aortic aneurysm ruptures and arterial blockages. The creation of central specialist vascular surgery hubs would ensure round-the-clock availability of the early diagnostics, decision-making expertise and intervention so often critical to the successful treatment of vascular conditions.

## Journal articles

### *Quality of Health Care for Children in Australia, 2012-2013*

Braithwaite J, Hibbert PD, Jaffe A, White L, Cowell CT, Harris MF, et al  
Journal of the American Medical Association. 2018;319(11):1113-24.

DOI	<a href="https://doi.org/10.1001/jama.2018.0162">https://doi.org/10.1001/jama.2018.0162</a>
Notes	This is the latest paper from the CareTrack Kids project team. In this study the clinical records of 6689 Australian children were compared against quality indicators for 17 child health conditions. The authors estimated that <b>overall adherence was 59.8%</b> . The study sought to evaluate how often care was provided in accordance with clinical practice guideline recommendations. The authors report that while overall adherence was around 60 per cent, there was <b>substantial variation by clinical condition</b> : for example, there was almost 89 per cent adherence on average for the management of autism, 58 per cent in the management of asthma, 54 per cent in the management of fever, and 44 per cent for tonsillitis.

### *The effect of provider affiliation with a primary care network on emergency department visits and hospital admissions*

McAlister FA, Bakal JA, Green L, Bahler B, Lewanczuk R  
Canadian Medical Association Journal. 2018;190(10):E276-E84.

DOI	<a href="https://doi.org/10.1503/cmaj.170385">https://doi.org/10.1503/cmaj.170385</a>
Notes	Canadian study that used data on all adult residents of Alberta who visited a primary care physician during fiscal years 2008 and 2009. These patients were then classified them as affiliated with a primary care network or not and then checked to see if they had an emergency department visit or non-elective hospital admission for a Patient Medical Home indicator condition (asthma, chronic obstructive pulmonary disease, heart failure, coronary disease, hypertension and diabetes) within 12 months. While adults receiving care within a primary care network (n = 1 502 916) were older and had higher comorbidity burdens than those receiving conventional primary care (n = 1 109 941), it was found that “ <b>Care within a primary care network was associated with fewer emergency department visits and fewer hospital days.</b> ”

For information about the Commission’s work on primary health care, see  
<https://www.safetyandquality.gov.au/our-work/primary-health-care/>

### *BMJ Quality and Safety*

April 2018 - Volume 27 – 4

URL	<a href="http://qualitysafety.bmj.com/content/27/4">http://qualitysafety.bmj.com/content/27/4</a>
Notes	A new issue of <i>BMJ Quality and Safety</i> has been published. Many of the papers in this issue have been referred to in previous editions of <i>On the Radar</i> (when they were released online). Articles in this issue of <i>BMJ Quality and Safety</i> include: <ul style="list-style-type: none"> <li>• Editorial: Successfully implementing <b>Safety WalkRounds</b>: secret sauce more than a magic bullet (Sara J Singer)</li> <li>• Editorial: Rigorous <b>evaluations of evolving interventions</b>: can we have our cake and eat it too? (Robert E Burke, Kaveh G Shojania)</li> <li>• Editorial: Using <b>ethnography to study improving healthcare</b>: reflections on the ‘ethnographic’ label (Caroline Cupit, Nicola Mackintosh, N Armstrong)</li> <li>• Providing <b>feedback following Leadership WalkRounds</b> is associated with better patient safety culture, higher employee engagement and lower burnout (J Bryan Sexton, Kathryn C Adair, Michael W Leonard, Terri Christensen Frankel, Joshua Proulx, Sam R Watson, Brooke Magnus, Brittany Bogan, Maleek Jamal, Rene Schwendimann, Allan S Frankel)</li> </ul>

	<ul style="list-style-type: none"> <li>• Improving <b>PICC use and outcomes</b> 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)</li> <li>• <b>Interprofessional collaboration</b> among care professionals in <b>obstetrical care</b>: are perceptions aligned? (Anita Romijn, Pim W Teunissen, Martine C de Bruijne, Cordula Wagner, Christianne J M de Groot)</li> <li>• Do the stars align? <b>Distribution of high-quality ratings of healthcare sectors</b> across US markets (Jose Figueroa, Yevgeniy Feyman, Daniel Blumenthal, Ashish Jha)</li> <li>• <b>Outpatient CPOE orders</b> discontinued due to ‘erroneous entry’: prospective survey of <b>prescribers’ explanations for errors</b> (Thu-Trang T Hickman, Arbor Jessica Lauren Quist, Alejandra Salazar, Mary G Amato, Adam Wright, Lynn A Volk, David W Bates, Gordon Schiff)</li> <li>• Reasons for computerised provider order entry (CPOE)-based <b>inpatient medication ordering errors</b>: an observational study of voided orders (Joanna Abraham, Thomas G Kannampallil, Alan Jarman, Shivy Sharma, Christine Rash, Gordon Schiff, William Galanter)</li> <li>• Systematic review and meta-analysis of the effectiveness of <b>pharmacist-led medication reconciliation</b> in the community after hospital discharge (Duncan McNab, Paul Bowie, Alastair Ross, Gordon MacWalter, Martin Ryan, Jill Morrison)</li> <li>• Quick and dirty? A systematic review of the use of <b>rapid ethnographies in healthcare organisation and delivery</b> (Cecilia Vindrola-Padros, Bruno Vindrola-Padros)</li> </ul>
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*American Journal of Medical Quality*

Volume: 33, Number: 2 (March/April 2018)

URL	<a href="http://journals.sagepub.com/toc/ajmb/33/2">http://journals.sagepub.com/toc/ajmb/33/2</a>
Notes	<p>A new issue of the <i>American Journal of Medical Quality</i> has been published. Articles in this issue of <i>American Journal of Medical Quality</i> include:</p> <ul style="list-style-type: none"> <li>• Editorial : Advancing <b>Guideline Development</b> in the United States: A Call to Action by the US GRADE Network (Rebecca L. Morgan, Shahnaz Sultan, M. Hassan Murad, Reem A. Mustafa, Philipp Dahm, Mark Helfand, Yngve Falck-Ytter, and Amir Qaseem)</li> <li>• The Clinical Quality Fellowship Program: <b>Developing Clinical Quality Leadership</b> in the Greater New York Region (Rohit Bhalla, Hillary S. Jalon, and Lorraine Ryan)</li> <li>• A Multidisciplinary Approach to Impact <b>Acute Care Utilization in Sickle Cell Disease</b> (Rhea E. Powell, Paris B. Lovett, Albert Crawford, John McAna, David Axelrod, Lawrence Ward, and Dianne Pulte)</li> <li>• <b>Performance Measurement and Target-Setting</b> in California’s Safety Net Health Systems (Shirin Hemmat, Dean Schillinger, Courtney Lyles, Sara Ackerman, Gato Gourley, Eric Vittinghoff, Margaret Handley, and U Sarkar)</li> <li>• <b>Patient Handoff Education</b>: Are Medical Schools Catching Up? (Robyn Davis, Joshua Davis, Katherine Berg, Dale Berg, Charity J. Morgan, Stefani Russo, and Lee Ann Riesenberg)</li> <li>• Improving <b>Transitions of Care for Veterans</b> Transferred to Tertiary VA Medical Centers (Robert E. Burke, Lynette Kelley, Elise Gunzburger, Gary Grunwald, Madhura Gokhale, Mary E. Plomondon, and P. Michael Ho)</li> </ul>

	<ul style="list-style-type: none"> <li>• Changing <b>Antibiotic Prescribing in a Primary Care Network</b>: The Role of Readiness to Change and Group Dynamics in Success (Suratha Elango, Julia E. Szymczak, Ian M. Bennett, Rinad S. Beidas, and Rachel M. Werner)</li> <li>• Achieving Improved Outcomes Through <b>Value-Based Purchasing</b> in One State (Billy Millwee, Norbert Goldfield, and Jeff Turnipseed)</li> <li>• Use of Provider Debriefing to Improve <b>Fast-Track Extubation Rates</b> Following Cardiac Surgery at an Academic Medical Center (Jordan E. Goldhammer, Jillian M. Dashiell, Scott Davis, Marc C Torjman, and H Hirose)</li> <li>• <b>Noise Reduction in the Neonatal Intensive Care Unit</b>: A Quality Improvement Initiative (Mohamed Farooq Ahamed, Deborah Campbell, Susan Horan, and Orna Rosen)</li> <li>• Does Level of Hospital Matter? A Study of <b>Mortality of Acute Myocardial Infarction Patients</b> in Shanxi, China (Miao Cai, Echu Liu, Hongbing Tao, Zhengmin Qian, Xiaojun Lin, and Zhaohui Cheng)</li> <li>• The Effectiveness of <b>Standardized Handoff Tool</b> Interventions During Inter- and Intra-facility Care Transitions on Patient-Related Outcomes: A Systematic Review (Jennifer L. Rosenthal, Robert Doiron, Sarah C. Haynes, Brock Daniels, and Su-Ting T. Li)</li> </ul>
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*Journal of Patient Experience*

Volume: 5, Number: 1 (March 2018)

URL	<a href="http://journals.sagepub.com/toc/jpxa/5/1">http://journals.sagepub.com/toc/jpxa/5/1</a>
Notes	<p>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:</p> <ul style="list-style-type: none"> <li>• Now and at the Hour of Death (Susan M Wieczorek)</li> <li>• <b>Living With Multiple Myeloma</b>: A Focus Group Study of Unmet Needs and Preferences for Survivorship Care (Leanne Monterosso, Karen Taylor, Violet Platt, Elizabeth Lobb, Toni Musiello, Caroline Bulsara, Kendall Stratton, David Joske, and Meinir Krishnasamy)</li> <li>• What's Mine is Yours: Long-Term Experiences of <b>Good Samaritan Organ Donors</b> (Katrina A Bramstedt)</li> <li>• Carer Appraisal Scale: A Pilot Study of a Novel <b>Carer-Based Assessment of Patient Functioning</b> (Neil Jeyasingam)</li> <li>• <b>Patient-Centered Obstetric Care</b> in the Age of Cell-Free Fetal DNA Prenatal Screening (Patricia K Agatisa, Mary Beth Mercer, Ariane Mitchum, Marissa B Coleridge, and Ruth M Farrell)</li> <li>• Developing and Translating a New Model for <b>Teaching Empowerment Into Routine Chronic Care Management</b>: An International Patient-Centered Project (Carolyn A Wallace, David Pontin, Klara Dokova, Irma Mikkonen, Eileen Savage, and Liisa Koskinen)</li> <li>• Dimensions of Phenomenology in Exploring <b>Patient's Suffering in Long-Life Illnesses</b>: Qualitative Evidence Synthesis (Mahmoud Al Kalalkeh, Ghada Abu Shosha, Najah Saiah, and Omar Salameh)</li> <li>• Mitigating <b>Burden</b> Associated With <b>Informal Caregiving</b> (D Frederick)</li> <li>• Improving Patient Experiences and Outcomes Through <b>Personal Care Aide Training</b> (Clare C Luz, Katherine V Hanson, Yuning Hao, and E Spurgeon)</li> <li>• <b>Occasionally a Patient: Always a Person</b> (Richard Bruce Hovey)</li> </ul>

URL	<a href="http://www.longwoods.com/publications/healthcare-quarterly/25419">http://www.longwoods.com/publications/healthcare-quarterly/25419</a>
Notes	<p>A new issue of <i>Healthcare Quarterly</i> has been published. Articles in this issue of <i>Healthcare Quarterly</i> include:</p> <ul style="list-style-type: none"> <li>• Walking the Path Together: <b>Indigenous Health Data</b> at ICES (Evelyn Pyper, David Henry, Erika A Yates, Graham Mecredy, Sujitha Ratnasingham, Brian Slegers and Jennifer D Walker)</li> <li>• <b>Opioid-Related Harms</b> in Canada (Vera Grywacheski, Shannon O'Connor and Krista Louie)</li> <li>• Open Family Presence Adoption: Role of <b>Patient and Family Advisors</b> (Malori Keller, Jennifer Wright, Serese Selanders and Darlene Dyck)</li> <li>• <b>Cancer Care Ontario's Systematic Symptom Screening Strategy: A Human-Centred Design Approach to Exploring System Gaps and Defining Strategies for the Future</b> (Sean Molloy, Tom McHugh, Heidi Amernic, Wenonah Mahase, Serena Kurkjian, Robert Grossi, Patricia Pottie, Gillian Hurwitz and Esther Green)</li> <li>• Success Strategies for <b>Linguistically Competent Healthcare: The Magic Bullets and Cautionary Tales of the Active Offer of French-Language Health Services in Ontario</b> (Elina Farmanova, Louise Bouchard and Luc Bonneville)</li> <li>• The <b>Healthcare Environment: A Perfect Ecosystem for Growing Shame</b> (Diane Aubin and Sharla King)</li> <li>• A Walk in My Shoes: A Mixed-Method Study of the Role of <b>Interprofessional Job Shadowing in Shaping Staff Attitudes</b> at a Large Acute Care Hospital in Canada (Melinda Piechnik and Linda Dempster)</li> <li>• <b>Bundling Care for Cardiac Surgery Patients</b> (Patti Cochrane and Michelle DiEmanuele)</li> <li>• Using the <b>Time-Driven Activity-Based Costing Model</b> in the Eye Clinic at The Hospital for Sick Children: A Case Study and Lessons Learned (Sanchita Gulati, David During, Jeff Mainland and Agnes M F Wong)</li> <li>• Towards a <b>Responsive, Sustainable and Collaborative Model of Care</b> at Toronto's Michael Garron Hospital (Irene Andress, Sharon Navarro, Stephanie Collier, Sarah Coppinger and Priya Herne)</li> <li>• Surveillance Software and Prospective Audit and Feedback Rounds Advance <b>Antimicrobial Stewardship</b> at an Acute Care Community Hospital (Anna Lee, Susan John and Reena Lovinsky)</li> <li>• A Technology-Enabled Solution to Manage <b>Referrals to Hospice and Palliative Care</b> Beds: The Ottawa SMART System as a Case Study (José Pereira, Kathy Greene, Lisa Sullivan, Samantha Zinkie (Mendis), Nicole Rutkowski, Peter Lawlor and Pamela Grassau)</li> </ul>

BMJ *Quality and 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 and Safety</i> has published a number of 'online first' articles, including:</p> <ul style="list-style-type: none"> <li>• <b>Overdiagnosis and overtreatment</b> as a quality problem: insights from healthcare improvement research (Natalie Armstrong)</li> <li>• Thoughtless <b>design of the electronic health record</b> drives overuse, but purposeful design can nudge improved patient care (Valerie M Vaughn, Jeffrey A Linder)</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Speak up-related climate</b> and its association with healthcare workers' speaking up and withholding voice behaviours: a cross-sectional survey in Switzerland (David Schwappach, Aline Richard)</li> <li>• Impact of a commercial order entry system on <b>prescribing errors</b> amenable to <b>computerised decision support</b> in the hospital setting: a prospective pre-post study (Sarah K Pontefract, James Hodson, Ann Slee, Sonal Shah, Alan J Girling, Robin Williams, Aziz Sheikh, Jamie J Coleman)</li> <li>• Perceptions of <b>rounding checklists</b> in the <b>intensive care unit</b>: a qualitative study (Bethany Danae Hallam, Courtney C Kuza, Kimberly Rak, Jessica C Fleck, Melanie M Heuston, Debjit Saha, Jeremy M Kahn)</li> <li>• Can <b>first-year medical students</b> acquire <b>quality improvement knowledge</b> prior to substantial clinical exposure? A mixed-methods evaluation of a pre-clerkship curriculum that uses education as the context for learning (Allison Brown, Aditya Nidumolu, Alexandra Stanhope, Justin Koh, Matthew Greenway, Lawrence Grierson)</li> </ul>
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*International Journal for Quality in Health Care* online first articles

URL	<a href="https://academic.oup.com/intqhc/advance-access?papetoc">https://academic.oup.com/intqhc/advance-access?papetoc</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>• Consecutive cycles of <b>hospital accreditation</b>: Persistent <b>low compliance associated with higher mortality and longer length of stay</b> (Anne Mette Falstie-Jensen; Søren Bie Bøgh; Søren Paaske Johnsen)</li> <li>• Complex automated medication systems reduce <b>medication administration errors</b> in a Danish acute medical unit (Bettina Wulff Risør; Marianne Lisby; Jan Sørensen)</li> <li>• A quality improvement project to increase <b>self-administration of medicines</b> in an acute hospital (S Garfield; H Bell; C Nathan; S Randall; F Husson; C Boucher; A Taylor; J Lloyd; A Backhouse; L Ritchie; B D Franklin)</li> <li>• Developing <b>patient safety system</b> using WHO tool in hospitals in Oman (A Al-Mandhari; S Al-Farsi; S Al-Barwani; N Al-Salmani; S Al-Rabhi; S Al-Saidi; K Abulmajid; S Al-Adawi)</li> <li>• Certification ISO 9001 in <b>clinical ethics consultation</b> for improving quality and safety in healthcare (Pamela Tozzo; Anna Mazzi; Anna Aprile; Daniele Rodriguez; Luciana Caenazzo)</li> <li>• Improving <b>quality care for diabetes</b> in the community: What do Cypriot patients want? (Michela Tinelli; Panagiotis Petrou; George Samoutis; George Olympios; Alistair McGuire)</li> <li>• General practitioners' use of <b>sickness certification guidelines</b> in Sweden at introduction and four years later: a survey study (Catharina Gustavsson; Elin Hinas; Therese Ljungquist; Kristina Alexanderson)</li> <li>• Evaluating the <b>quality of antenatal care and pregnancy outcomes</b> using content and utilization assessment (Ping Ling Yeoh; Klaus Hornetz; Nor Izzah Ahmad Shauki; Maznah Dahlui)</li> <li>• Development of Saudi <b>e-health literacy scale for chronic diseases</b> in Saudi Arabia: using integrated health literacy dimensions (Nasriah Zakaria; Ohoud AlFakhry; Abeer Matbuli; Asma Alzahrani; Noha Samir Sadiq Arab; Alaa Madani; Noura Alshehri; Ahmed I Albarrak)</li> <li>• The relationship between <b>healthcare workers' attachment styles and patient outcomes</b>: a systematic review (Chizu Mimura; Ian J Norman)</li> </ul>

## Online resources

*Medical Devices Safety Update*

Volume 6, Number 2, March 2018

<http://www.tga.gov.au/publication-issue/medical-devices-safety-update-volume-6-number-2-march-2018>

The Therapeutic Goods Administration (TGA) has released the latest edition of its medical device safety bulletin. Topics covered in this issue include:

- **Preventable alarm issues** remain a major source of adverse event reports – Failure to generate alarms, inaudible alarms, or failure to trigger alarms continue to be a major subjects of adverse event reports.
- Review into **cochlear implants and magnetic resonance imaging** safety – The TGA has received a number of adverse event reports relating to cochlear implants and magnetic resonance imaging procedures.
- NHS **oxygen cylinder** alert – The United Kingdom’s National Health Service has issued a safety alert about risks associated with newer designs of oxygen cylinders.
- **Recent safety alerts** – TGA safety alerts relating to medical devices published since the last edition of *Medical Devices Safety Update*.

[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:

- Quality Standard QS3 **Venous thromboembolism** in adults: *reducing the risk in hospital*  
<https://www.nice.org.uk/guidance/qs3>
- NICE Guideline NG89 **Venous thromboembolism** in over 16s: *reducing the risk of hospital-acquired deep vein thrombosis or pulmonary embolism* <https://www.nice.org.uk/guidance/ng89>
- NICE Guideline NG90 **Physical activity** and the environment  
<https://www.nice.org.uk/guidance/ng90>

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