



On the Radar

Issue 239

7 September 2015

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On the Radar

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Antimicrobial usage in Australia: results of the 2014 National Antimicrobial Utilisation Surveillance Program (NAUSP)

<http://www.safetyandquality.gov.au/national-priorities/amr-and-au-surveillance-project/national-antimicrobial-utilisation-surveillance-program/>

The Antimicrobial use in Australian hospitals: 2014 report of the National Antimicrobial Utilisation Surveillance Program has been released by the Australian Commission on Safety and Quality in Health Care.

This report covers antimicrobial use for the period January–December 2014. A total of 129 adult acute hospitals contributed more than six months of data to NAUSP. This represents more than 90 percent of principal referral hospital beds and 82 percent of total hospital beds in hospitals with more than 50 beds nationally.

The report shows that Australian usage rates continue to be greater than in the Netherlands and Sweden, and on par with Denmark. There is also a wide variance in average antimicrobial usage rates between hospitals. However, overall there has been a slight decline generally in usage rates since rates peaked in 2010.

The 2014 NAUSP Report includes historical comparisons over five and ten-year periods for selected antimicrobials, which provide valuable information about trends and patterns of use.

For information on NAUSP, see

<http://www.sahealth.sa.gov.au/wps/wcm/connect/public+content/sa+health+internet/about+us/health+statistics/healthcare+infection+statistics/antimicrobial+utilisation+surveillance+statistics>

For information on the Commission's work on the antimicrobial resistance and antibiotic usage, see <http://www.safetyandquality.gov.au/national-priorities/amr-and-au-surveillance-project/>

Journal articles

Australian Health Review

Volume 39 Number 4. September 2015

| URL | http://www.publish.csiro.au/nid/271/issue/7471.htm |
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| Notes | <p>A new issue of <i>Australian Health Review</i> has been published. Articles in this issue of <i>Australian Health Review</i> include:</p> <ul style="list-style-type: none"> • Improving the system: One action at a time (Gary E Day) • Applying the World Health Organization Mental Health Action Plan to evaluate policy on addressing co-occurrence of physical and mental illnesses in Australia (Brenda Happell, Chris Platania-Phung, Stephanie Webster, Brian McKenna, Freyja Millar, Robert Stanton, Cherrie Galletly, David Castle, Trentham Furness, Dennis Liu and David Scott) • Should fee-for-service be for all guideline-advocated acute coronary syndrome (ACS) care? Observations from the Snapshot ACS study (Thomas G Briffa, Christopher J Hammett, D B Cross, A I Macisaac, J M Rankin, N Board, B Carr, K K Hyun, J French, D B Brieger and D P Chew) • Multisite analysis of the timing and outcomes of unplanned transfers from subacute to acute care (Julie Considine, Maryann Street, Mari Botti, Bev O'Connell, Bridie Kent and Trisha Dunning) • Improvements in patient care: videoconferencing to improve access to interpreters during clinical consultations for refugee and immigrant patients (Thomas R. Schulz, Karin Leder, Ismail Akinci and B-A Biggs) • Inter-hospital lateral transfer does not increase length of stay (Patrick Russell, Paul Hakendorf and Campbell Thompson) • Underutilisation of Victorian in-patient palliative care consultation services? Results of an exploratory study (Peter Eastman and Brian Le) • Outdoor areas of Australian residential aged care facilities do not facilitate appropriate sun exposure (Seeta Durvasula, Rebecca S. Mason, Cindy Kok, Monique Macara, Trevor R Parmenter and Ian D Cameron) • Healthcare resource use in patients of the Australian Transition Care Program (Tracy A Comans, Nancye M Peel, Ian D Cameron, Leonard Gray and Paul A Scuffham) • Changing roles of population-based cancer registries in Australia (David Roder, Nicola Creighton, D Baker, R Walton, S Aranda and D Currow) • Assessing improvements in survival for stroke patients in the Northern Territory 1992–2013: a marginal structural analysis (Yuejen Zhao, John Condon, Jiqiong You, Steven Guthridge and Vincent He) • The future healthcare? (Kate Charlesworth, Maggie Jamieson, Colin D. Butler and Rachel Davey) • Exploring the implications of a fixed budget for new medicines: a study of reimbursement of new medicines in Australia and New Zealand (Colman Taylor and Michael Wonder) |

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| | <ul style="list-style-type: none"> • Australian midwives' interpretation of the re-registration, recency of practice standard (Michelle Gray, Jennifer Rowe and Margaret Barnes) • Roster process review: a case study on the implications of preliminary findings (Bernadette Eather, Emma Malica, Cassandra Walton, Peter Hollmann and Wyman Kwong) • Knowledge and motivation: two elements of health literacy that remain low with regard to nurse practitioners in Australia (Andrew Cashin, Marie Heartfield, Darlene Cox, Sandra Dunn and Helen Stasa) • Can clinical supervision sustain our workforce in the current healthcare landscape? Findings from a Queensland study of allied health professionals (Christine Saxby, Jill Wilson and Peter Newcombe) • A step towards evidence-based regulation of health practitioners (Marie M. Bismark, Martin Fletcher, Matthew J. Spittal and David M. Studdert) |
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Journal for Healthcare Quality

September/October 2015 - Volume 37 - Issue 5

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| URL | http://journals.lww.com/jhqonline/pages/currenttoc.aspx |
| Notes | <p>A new issue of <i>Journal for Healthcare Quality</i> has been published. Articles in this issue of <i>Journal for Healthcare Quality</i> include:</p> <ul style="list-style-type: none"> • Implementation of a Standard Verbal Sign-Out Template Improves Sign-Out Process in a Pediatric Intensive Care Unit (Bavare, Aarti C.; Shah, Pankil K.; Roy, Kevin M.; Williams, Eric A.; Lloyd, Linda E.; McPherson, Mona L.) • Application of Lean Methodology for Improved Quality and Efficiency in Operating Room Instrument Availability (Farrokhi, Farrokh R.; Gunther, Maria; Williams, Barbara; Blackmore, Christopher Craig) • How Accurate is the AHRQ Patient Safety Indicator for Hospital-Acquired Pressure Ulcer in a National Sample of Records? (Zrelak, Patricia A.; Utter, Garth H.; Tancredi, Daniel J.; Mayer, Lindsay Grogan; Cerese, Julie; Cuny, Joanne; Romano, Patrick S.) • Strange Bedfellows: A Local Insurer/Physician Practice Partnership to Fund Innovation (Kraft, Sally; Strutz, Elizabeth; Kay, Lawrence; Welnick, Richard; Pandhi, Nancy) • Evaluating the Content of Family Physician Websites in the United States (Alpert, Jordan M.) • Improving Hepatitis C Virus Screening Rates in Primary Care: A Targeted Intervention Using the Electronic Health Record (Sidlow, Robert; Msaouel, Pavlos) |

BMJ Quality and Safety online first articles

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| URL | http://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"> • The underappreciated role of habit in highly reliable healthcare (Timothy J Vogus, Brian Hilligoss) • Statistical process control and interrupted time series: a golden opportunity for impact evaluation in quality improvement (Atle Fretheim, Oliver Tomic) • Sustained reductions in time to antibiotic delivery in febrile immunocompromised children: results of a quality improvement collaborative (Christopher E Dandoy, Selena Hariharan, Brian Weiss, Kathy |

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| | Demmel, Nathan Timm, Janis Chiarenzelli, Mary Katherine Dewald, Stephanie Kennebeck, Shawna Langworthy, Jennifer Pomales, Sylvia Rineair, Erin Sandfoss, Pamela Volz-Noe, R Nagarajan, E Alessandrini) |
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International Journal for Quality in Health Care online first articles

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| URL | http://intqhc.oxfordjournals.org/content/early/recent?papetoc |
| 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"> • Editorial: Improving quality of care and patient safety as a priority (Usman Iqbal, Shabbir Syed-Abdul, and Yu-Chuan (Jack) Li) |

Online resources

Medical Devices Safety Update

Volume 3, Number 5, September 2015

<http://www.tga.gov.au/publication-issue/medical-devices-safety-update-volume-3-number-5-september-2015>

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

- Check 'synch' before cardioversion – reminding health professionals of the importance of ensuring a **defibrillator** is in synchronised ('synch') mode before undertaking **cardioversion therapy**
- Recognising **medical device incidents**
- **Grounding pad** selection vital during **electrosurgical** and **ablation** procedures
- **HIV point-of-care testing**
- Recent **safety alerts**

[UK] NICE Guidelines and Quality Standards

<http://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 updates are:

- NICE Guideline NG17 **Type 1 diabetes in adults**: diagnosis and management <http://www.nice.org.uk/guidance/ng17>
- NICE Guideline NG18 **Diabetes** (type 1 and type 2) **in children and young people**: diagnosis and management <http://www.nice.org.uk/guidance/ng18>
- NICE Guideline NG19 **Diabetic foot problems**: prevention and management <http://www.nice.org.uk/guidance/ng19>
- NICE Guideline NG20 **Coeliac disease**: recognition, assessment and management <http://www.nice.org.uk/guidance/ng20>

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