

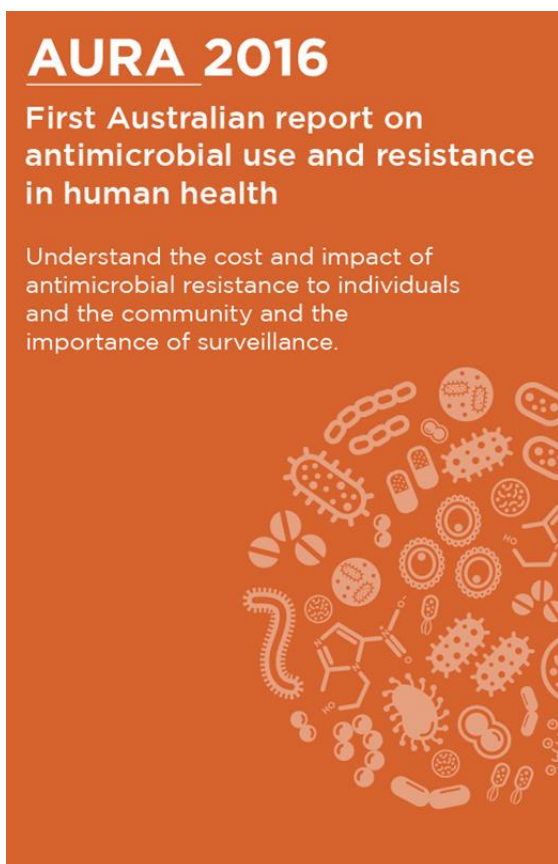
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AUSTRALIAN COMMISSION ON SAFETY AND QUALITY IN HEALTH CARE

TUESDAY 28 JUNE

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Antimicrobial use and resistance



Antimicrobial resistance poses one of the most significant risks to our health today, and occurs when an organism develops resistance to an antimicrobial that is used to treat it. Inappropriate use and overuse of antibiotics is a major contributor to antimicrobial resistance.

The Commission has launched the first comprehensive report on antimicrobial resistance, antimicrobial use and appropriateness of prescribing in Australia, to date: *AURA 2016: First Australian report on antimicrobial use and resistance in human health*.

AURA 2016 provides surveillance data on antimicrobial use and resistance, providing a baseline that will allow trends to be monitored over time, and information to support strategies to prevent and contain resistance.

[Download a copy of AURA 2016.](#)

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Version 2 of the NSQHS Standards

The Commission started a review of the National Safety and Quality Health Service (NSQHS) Standards in late 2014, to identify improvements to, and address gaps in, version 1 of the NSQHS Standards.

Pilot and consultation processes for the draft version 2 of the NSQHS Standards were conducted in 2015. Version 2 of the NSQHS Standards has been refined based on feedback from these processes.

New topics in version 2 will include: mental health; cognitive impairment; end-of-life care; nutrition and hydration; Aboriginal and Torres Strait Islander health; and health literacy.

The Commission will run a consultation process on the costs and benefits of version 2 of the NSQHS Standards through a Consultation Regulation Impact Statement (RIS), commencing in July 2016. This will include the release of version 2 and is open to the public.

The finalised version 2 of the NSQHS Standards is scheduled for release in late 2017. Resources to support the implementation of version 2 of the NSQHS Standards are also being developed. It is planned that assessment to version 2 of the NSQHS Standards will start from 1 January 2019.

[Information on the NSQHS Standards.](#)

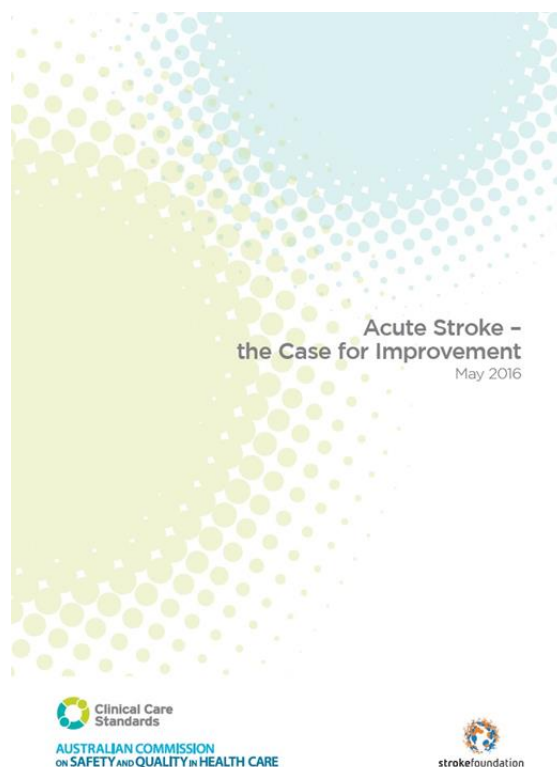
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Acute Stroke Case for Improvement

The Commission has developed *Acute Stroke - the Case for Improvement* to support the implementation of the *Acute Stroke Clinical Care Standard*. Designed for a wide audience, including clinicians and health services, the resource highlights what is known about the evidence, best practice and current practice, and the opportunities to bring these closer together.

Strokes affect thousands of Australians each year and are a major cause of death and disability. About 37000 Australians were admitted to hospital with a stroke in 2012, equating to one stroke every 15 minutes.

[Download *Acute Stroke - the Case for Improvement* or the *Acute Stroke Clinical Care Standard*.](#)



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End-of-life essentials: education for acute hospitals

Many Australians spend their last year of life going in and out of hospital, and more than half of those who die each year do so in acute care settings.

Flinders University has launched three end-of-life education modules to assist acute care clinicians in meeting the challenges of providing end-of-life care. The modules are based on the Commission's *National Consensus Statement: Essential elements for safe and high-quality end-of-life care* and are funded by the

Australian Government as a National Palliative Care Project.

The modules focus on developing clinical knowledge and skills in communication and decision-making, and are aimed at doctors, nurses and allied health professionals.

[Learn more about the Commission's work on end-of-life care.](#)

[Access the end-of-life essentials modules.](#)

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2016 Aged Care National Antimicrobial Prescribing Survey

The Commission is working with the National Centre for Antimicrobial Stewardship on the Aged Care National Antimicrobial Prescribing Survey (acNAPS), a valuable resource for antimicrobial stewardship. The acNAPS is the first Australian survey tool to nationally coordinate, collect, and analyse residential aged care antimicrobial use and infection data.

All Australian residential aged care facilities and multipurpose services are encouraged to participate in the acNAPS, open until **Wednesday, 31 August 2016**.

The acNAPS provides local data to help facilities develop strategies to reduce and prevent the occurrence of residents' infections and to promote increased appropriateness of antimicrobial prescribing.

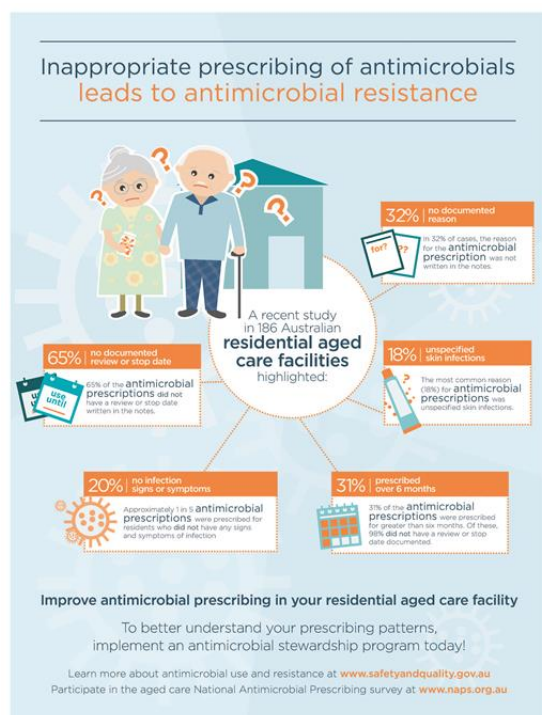
Participation in the acNAPS demonstrates concordance with the Australian Aged Care Quality Agency's Accreditation Standards for infection control and medication management.

Survey data can be collected by a nurse, infection control practitioner or pharmacist. Remote expert assessments and support from a clinical microbiologist, pharmacist or an infection control practitioner are also available.

For further information, contact the acNAPS team on (03) 9342 9415 or email support@naps.org.au.

[Results of the 2015 acNAPS pilot: Antimicrobial prescribing and infections in Australian residential aged care facilities.](#)

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AUSTRALIAN COMMISSION
ON SAFETY AND QUALITY IN HEALTH CARE



NCAS
NATIONAL CENTRE FOR
ANTIMICROBIAL STEWARDSHIP

AIS-AC
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Surgical National Antimicrobial Prescribing Survey

The Surgical National Antimicrobial Prescribing Survey (Surgical NAPS) is an online auditing tool that facilitates the reporting of antimicrobial use in surgical and non-surgical procedures performed in Australian hospitals each year.

The 2014 Hospital NAPS showed that surgical prophylaxis accounted for 13% of all antimicrobial prescribing in Australian hospitals, of which 40% was inappropriate.

All facilities performing surgical procedures throughout Australia are encouraged to participate in the Surgical NAPS. The survey is open until **Friday, 30 September 2016**, and suits a range of surveyors, including pharmacists, nurses and doctors.

Data collection involved in the Surgical NAPS includes:

- Patient demographics
- Details of the surgical procedure undertaken - including procedure type and procedure duration
- Risk factors affecting the choice of surgical prophylaxis prescribed
- Antimicrobial details - including any existing antimicrobial therapy, peri-operative and post-operative therapy. Questions for each antimicrobial include documentation of administration time compliance with guidelines and appropriateness.
- Optional 30-day morbidity and mortality outcome data.

If you have previously participated in the Hospital NAPS, you will already have login access to the Surgical NAPS.

For further information, contact the National Centre for Antimicrobial Stewardship on (03) 9342 9415 or email support@naps.org.au.

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DIP 4 Kids

In Australia, many children and young people have a computed tomography (CT) scan each year. CT scans provide medical professionals with important information to help diagnose serious injury and illness and inform treatment.

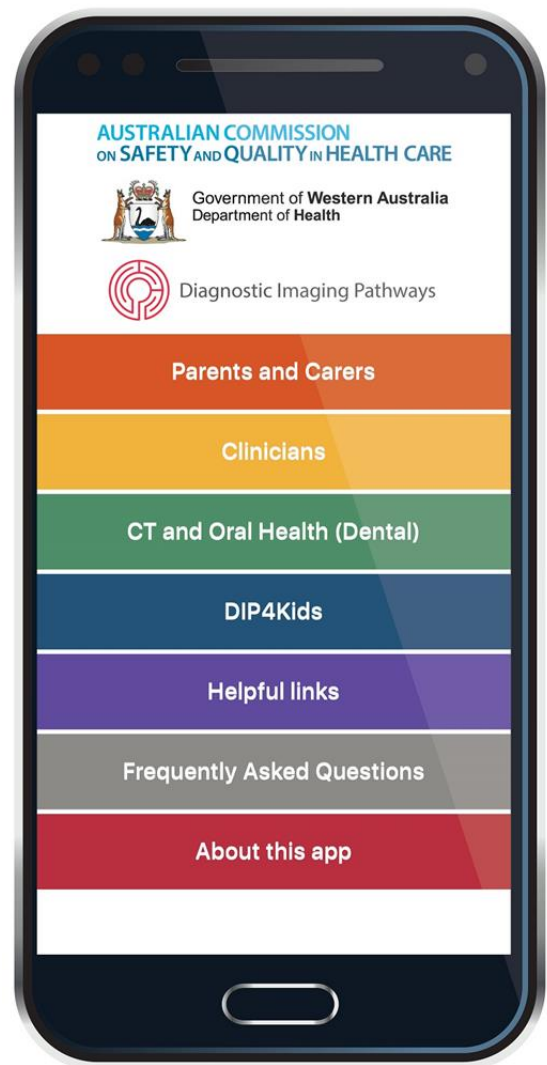
However, with the benefits of CT scans also come risks. Children and young people are more sensitive to the effects of radiation, and use of CT scans in children has been linked to a slight increase in the chance of developing cancer later in life.

The Commission worked with the Western Australian Department of Health to develop DIP 4 Kids, an app to support a reduction in unwarranted exposure to radiation from CT scans for children.

The app provides guidance on paediatric imaging for

common clinical conditions and injuries occurring in children and young people. It also includes information on the benefits and risks of CT scans that clinicians can share with parents or carers.

The app is free and can be downloaded from the [Apple Store – DIP 4 Kids](#) or from the [Google Store – DIP 4 Kids](#).



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