Partnering for change
2019 report
About Choosing Wisely Australia
Choosing Wisely Australia® is an initiative of NPS MedicineWise in partnership with Australia’s health professional colleges, societies and associations. The campaign is enabling clinicians, consumers and healthcare stakeholders to start important conversations about tests, treatments and procedures where evidence shows they provide no benefit, or in some cases, lead to harm.

About NPS MedicineWise
NPS MedicineWise is an independent, not-for-profit and evidence-based organisation that works to improve the way health technologies, medicines and medical tests are prescribed and used. Established in 1998 with the primary aim of promoting quality use of medicines, today we have grown to connect with health consumers and health professionals nationwide, changing attitudes and behaviours, and empowering all Australians to make the best possible healthcare decisions when they count.
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Strong partnerships are integral to growing and sustaining a movement like Choosing Wisely Australia - to effectively influence a widespread behaviour change towards best practice healthcare. The underlying premise of Choosing Wisely is quite simple: encouraging better conversations between healthcare providers and consumers about appropriate health management. As we know, the execution is a little more complex.

Since joining NPS MedicineWise as CEO in September last year, I have had the opportunity to engage with many individuals and organisations working to improve the quality and safety of our healthcare system as members and supporters in the Choosing Wisely network. Engagement levels are high, which was evident at this year’s National Meeting.

As convenor of Choosing Wisely in Australia, NPS MedicineWise actively supports and champions the initiative across primary care, in our hospitals and to consumers.

This includes promoting members’ recommendations of healthcare to question, co-designing consumer resources and guiding implementation and evaluation activities. However, it is our partnerships with individuals, within organisations and between organisations that are really helping drive the initiative.

“The core focus of the Choosing Wisely movement is to encourage health professionals and patients to have candid conversations about available and appropriate health management options, with the long-term goal of ensuring fewer people undergo healthcare they don’t need.”
This year we reached some important milestones which include:

- increasing our network from 69 to 88 members and supporters
- engaging nine consumer information and advocacy organisations
- hosting our largest National Meeting with more than 230 delegates
- member recommendations being included in seven NPS MedicineWise education programs for health professionals
- delivery of a new consumer resource for people prescribed opioids in hospital and through primary care
- supporting Safer Care Victoria to deliver a scale-up of Choosing Wisely in 11 health services
- local case studies being featured in an international Choosing Wisely resource on patient and public engagement.

I’m very pleased to present this year’s Choosing Wisely Australia report, which offers a series of key insights from representatives across our network – on the impetus for joining the initiative, implementation projects, research, and future opportunities.

Adj A/Prof Steve Morris
CEO NPS MedicineWise
Encouraging healthcare providers and consumers to have frank discussions about the appropriateness of tests, treatments and procedures is at the heart of the international Choosing Wisely movement, operating in more than 20 countries. The aim is to support consumers in choosing healthcare – to engage in shared decisions about their care – that is evidence-based, truly necessary, doesn’t duplicate care and avoids harm.

As a movement to drive behavioural change around the use of unnecessary healthcare practices, Choosing Wisely Australia is only as strong as the commitment of its implementation partners.

Since NPS MedicineWise launched the Choosing Wisely initiative in Australia in 2015 with six of Australia’s peak health professional colleges and societies and the Consumers Health Forum of Australia, the network has grown to 88 members and supporters – all playing an important role in addressing unnecessary and low-value healthcare practices.

NPS MedicineWise is a national implementation organisation with a mission to promote high-quality use of medicines, tests and health technologies and to help people make better healthcare choices.

Choosing Wisely’s success, as it has spread to 22 countries, has been attributed to six core governing principles, as well as a focus on professional values and the role of clinicians in resource stewardship, and on improving conversations to reduce unnecessary care.

“We have experience in looking at where there are evidence-practice gaps, identifying potential drivers behind why people are doing things that aren’t evidence-based, and providing tools that might assist in changing behaviour.”

Dr Robyn Lindner – Client Relations Manager and Choosing Wisely Program Sponsor, NPS MedicineWise
**Choosing Wisely Framework**

Choosing Wisely Australia operates under an agreed international framework with four key objectives:

1. Change clinician attitudes to practice
2. Foster consumer engagement and acceptance
3. Change key clinical practices
4. Promote alignment with the healthcare system

**Governing principles**

1. Health profession-led
2. Clear emphasis on improving quality of care and on harm prevention
3. Multidisciplinary
4. Patient-focused communication between health professionals and consumers
5. Evidence-based
6. Transparency in processes and supporting evidence

Dr Tony Lembke is a GP in Alstonville, northern NSW, and a member of the Australian College of Rural and Remote Medicine (ACRRM). The college joined Choosing Wisely Australia as an official member in July this year.

Dr Lembke said: “For people living in rural and remote communities, access to clinical services comes at increased cost – in time and money and effort. This ‘burden of disease’ is higher. Therefore it is even more important that rural clinicians have the information they need to ensure that their care is effective and efficient.

“When the evidence changes, it can take a long time for medicine to change its practice. ACRRM supports its members to deliver the highest quality and safest care in often challenging circumstances. We need rural clinicians to be confident that the care they provide ‘is right’.

“The Choosing Wisely campaign shares our aim of promoting evidence-based practice. We are very pleased to partner with our colleagues in other professional colleges and bring a rural perspective to assist our members to choose wisely.”

2019 National Meeting

Each year NPS MedicineWise hosts a Choosing Wisely Australia National Meeting which, this year, attracted more than 230 delegates from the health profession, consumer information and advocacy organisations, researchers, medical students and policy makers from state and federal government. The event showcases implementation outcomes and offers a platform for stakeholders to share insights and ideas to take back to their organisations for future activities.

The 2019 National Meeting was held at the Melbourne Cricket Ground on 20 May, with keynote speaker Professor Trish Greenhalgh – Professor of Primary Care Health Sciences and Fellow of Green Templeton College at the University of Oxford – presenting on the challenges of behavioural change from the perspectives of implementation science, complexity science and social science.

“Half of what we are going to teach you is wrong, and half of it is right. Our problem is that we don’t know which half is which.”

Charles Sidney Burwell, Dean of Harvard Medical School 1935–49
Craig Reucassel, comedian and writer/presenter of War on Waste, joined the event as Master of Ceremonies. He facilitated an informative and interactive day, while sharing his insights on behaviour change and how they might be applied to Choosing Wisely.

The full conference report, abstracts and key presentations are available at: http://www.choosingwisely.org.au/members/2019-national-meeting

The Quick-Wee way

The outcomes of studies on the most practical and cost-effective methods of collecting urine samples from pre-continent infants suspected of urinary tract infections (UTIs) was presented to the 2019 National Meeting by Dr Jonathan Kaufman – a paediatric doctor and PhD student at the University of Melbourne’s Department of General Practice.

Dr Kaufman was awarded the event’s annual Best Student Abstract prize, which recognises an outstanding contribution to Choosing Wisely by a student in a health profession.

UTIs are among the most common bacterial infections in young children.
Dr Kaufman’s presentation – Yes wee can: better urine sample collection for young pre-continent children – outlined the challenges of gaining useful samples and the limitations of existing methods, particularly in a primary care setting.

Dr Kaufman said: “UTIs can cause serious complications if they are not identified and treated properly, but the signs of UTI in young children are often very non-specific. You can’t diagnose a UTI without a urine sample, but the problem is it’s very difficult to collect a urine sample from young children who aren’t yet toilet trained.”

To combat conflicting advice on the best methods of sample collection and to avoid the time-consuming approaches of using clean catch and urine bags, and invasive methods of catheter and needle collection, Dr Kaufman developed a simple, non-invasive technique known as Quick-Wee.

“The process involves using cold, wet gauze to gently rub the lower abdomen, which triggers reflex urination,” he said. “It works quickly, so it’s called Quick-Wee.”

In a randomised trial involving 354 infants at Melbourne’s Royal Children’s Hospital, 31% of infants urinated within five minutes using Quick-Wee compared to 12% with the standard practice of just watching and waiting for a clean catch. A health economic analysis showed Quick-Wee was more cost-effective than other non-invasive methods, and a qualitative study identified barriers and enablers to best practice in primary care.

These findings have been incorporated into local and international guidelines and research translation is ongoing.

“UTIs can cause serious complications if they are not identified and treated properly, but the signs of UTI in young children are often very non-specific.”

Dr Jonathan Kaufman, University of Melbourne, Department of General Practice

Dr Kaufman said: “Quick-Wee was more effective and more cost-effective compared to other non-invasive methods and is gentle for the child. So now when people ask when ‘can we Choose Wisely when we collect urine samples from young children,’ I can tell them ‘Yes Wee Can!’”

See the full presentation
Choosing Wisely in primary care

Our partnerships with Australia’s health professional colleges, societies and associations are delivering the latest evidence-based approaches to certain tests, treatments and procedures Choosing Wisely is encouraging health professionals and consumers to discuss during consultations.

The advice, published in lists of 5 things clinicians and consumers should question, is promoted through member networks and across Choosing Wisely Australia and NPS MedicineWise channels. The questions offer healthcare providers and consumers an important reference for conversations during consultations – to guide a conversation about appropriate healthcare management.

To date, 193 recommendations have been released, with the latest list developed by the Medical Oncology Group of Australia in May 2019 and released jointly under the Royal Australasian College of Physicians Evolve initiative and Choosing Wisely Australia. The new advice warns against the overuse of chemotherapy for patients with advanced cancer, urging doctors to instead prioritise symptom relief and palliative care.

Partnering to evolve clinical practice

Partnerships are at the core of the Royal Australasian College of Physicians (RACP) flagship initiative – Evolve. Evolve aims to support physicians to safely and responsibly phase out low-value tests, treatments and procedures where appropriate, provide high-value care to patients based on evidence and expertise, and influence the best use of health resources, reducing wasted expenditure.

By working in partnership with physicians, specialties, and Choosing Wisely, Evolve identifies a list of recommendations to reduce the ‘Top Five’ low-value practices within a specialty. To date, Evolve has created 23 lists, and through its partnerships continues to raise awareness and support the implementation of these recommendations. In 2019, Evolve has also partnered with physicians to shape its strategic direction over the next three years, and to ensure that it continues to enable physicians to reduce low-value care.

RACP trainee Dr Gaurav Ghosh and Dr Lydia Scott FRACP, Broome hospital
Throughout 2019, RACP Fellows have shared insights from their research and implementation experiences to inspire and support more physicians to reduce low-value care. A/Prof Ian Scott spoke at the Internal Medicine Society of Australia and New Zealand (IMSANZ) Conference on the progress and prospects for Evolve and IMSANZ. At the RACP Congress 2019 there were several presentations relating to Evolve including Dr Suzi Riess’s presentation on Non-indicated acid suppression prescribing in a tertiary paediatric hospital: an audit and costing study, Dr Rebecca Grainger’s on The evolution of Evolve, and Matthew Kelly’s on Reducing inappropriate urine testing.

Reducing opioid-related harm in the community

The harm caused by opioids is well-known in Australia and internationally; the misuse of pharmaceuticals is now the greatest cause of drug-related death in Australia.

In 2016 the Society of Hospital Pharmacists of Australia (SHPA) proudly became the first pharmacy organisation to collaborate with Choosing Wisely Australia, releasing its recommendation against the use of low-dose codeine.

In the same year, SHPA was the only pharmacy organisation which unequivocally supported the proposal for the Therapeutic Goods Administration to upschedule medicines containing codeine so they would be available only by prescription, vocally supporting Pain Australia’s ‘Real Relief’ campaign to inform Australians about the new access arrangements for codeine, why they are necessary, and alternative ways to manage pain. SHPA’s Choosing Wisely recommendation against use of low-dose codeine was a part of its broad strategy to achieve better medicines safety and regulation.

The following year, as part of SHPA’s ongoing consultation with government, medical and consumer stakeholders, it held its inaugural Medicines Leadership Forum (MLF) to explore the broader issues of opioid-related harm stemming from hospitals. These discussions helped inform 33 key recommendations, outlined in SHPA’s landmark Reducing opioid-related harm report.
In August this year, while opening SHPA’s 2019 MLF, federal Health Minister the Hon Greg Hunt MP confirmed three important new medication safety policy measures, which correlate with these recommendations:

1. Mandating smaller pack sizes for opioids from 1 January 2020
2. Requiring better labelling, warnings and consumer information for opioid medicines
3. Placing restrictions on the use of fentanyl patches.

GP visiting programs highlight recommendations

Every year, NPS MedicineWise offers health professionals the opportunity to engage in national educational programs dedicated to particular areas of medicine use or medical testing. Increasingly, Choosing Wisely Australia recommendations from our member colleges, societies and associations are used to inform the programs – including this year in programs on thyroid disorders and opioids for chronic non-cancer pain.

These programs provide a valuable channel for NPS MedicineWise to grow awareness of Choosing Wisely principles and recommendations within primary care by integrating relevant advice into GP and consumer resources. In 2018–19, NPS MedicineWise conducted 30,777 educational visits with health professionals working in primary care.

Following the conclusion of each program, an evaluation is undertaken to determine the impact of behaviour change within a general practice.

Opioids and chronic non-cancer pain

On 1 October, educational visits began as part of a new national program about the use of opioids for chronic non-cancer pain (CNCP).

Titled Opioids and the bigger picture when treating chronic pain, the program incorporates a Choosing Wisely recommendation from the Faculty of Pain Medicine of the Australian and New Zealand College of Anaesthetists, which advises not to continue opioid prescription for CNCP without ongoing demonstration of functional benefit, periodic attempts at dose reduction and screening for long-term harms.

The aim is to equip health professionals with tools and resources to reduce the harms of opioids while ensuring adequate pain management and quality of life for patients. It also aims to empower consumers to make more informed decisions about opioids through a suite of consumer-oriented resources.

New resource for people prescribed opioids

For the first time in Australia, the concept of the Choosing Wisely Australia 5 questions to ask your doctor resource for consumers and carers has been used.
as a conversation starter to specifically address quality use of opioids wherever they are prescribed – from hospitals to primary care. The goal is to support consumers to have the necessary conversations about opioids irrespective of where they are prescribed.

Hospital staff are being encouraged to provide a copy of Managing pain and opioid medicines to people prescribed opioids either as inpatients or on discharge to raise awareness about opioids use for short-term pain, their side effects and the risks of addiction.

The resources will also be promoted in primary care as part of the new NPS MedicineWise opioid education program. The resource offers five questions people can ask about their pain medication, tips for taking opioids at home and a pain management plan.

The questions people are advised to ask their health professional before leaving hospital with opioids are:

1. What is causing the pain?
2. What are the risks and benefits of this medicine?
3. How long should I be taking this medicine?
4. Are there other ways to manage the pain?
5. What is my pain management plan?

NPS MedicineWise consulted with the Queensland Clinical Senate to develop this new resource. Testing, facilitated by the Queensland Opioid Stewardship Program and the Society of Hospital Pharmacists, was undertaken in the surgical wards and emergency departments of four hospitals in Victoria and Queensland, by hospital staff and inpatients. It was also reviewed by the NSW Agency for Clinical Innovation, Painaustralia and GPs.

Visit choosingwisely.org.au or nps.org.au for a copy.

**Choosing thyroid testing wisely**

NPS MedicineWise has launched an educational program for GPs focusing on thyroid disorders in primary care. The program, which began in September, emphasises thyroid testing should only be requested after a detailed clinical history and targeted physical examination have suggested thyroid problems. Choosing Wisely Australia recommendations from the Royal Australian College of General Practitioners and the Endocrine Society of Australia have been incorporated.
An evaluation of a 2018 NPS MedicineWise educational program on the management of gastro-oesophageal reflux disease (GORD) with proton pump inhibitors (PPIs) in primary care found that the program has increased GP awareness of recommendations developed by the RACGP and published under the Choosing Wisely Australia initiative.

The Starting, stepping down and stopping medicines program included recommendations from the RACGP and the Gastroenterological Society of Australia.

One of the program’s aims was to grow GP awareness of the RACGP recommendation and GPs were encouraged to regularly review patients with GORD on PPIs, with the aim of reducing or ceasing altogether.

A GP survey conducted in February 2019 asked GPs to rate their agreement with the RACGP statement before and after participating in the NPS MedicineWise program. The result was a significant 13% increase in GP awareness of the RACGP recommendation after participating.

PSA National President Associate Professor Chris Freeman led the working group that developed the recommendations.

“The Choosing Wisely recommendations provided an opportunity for PSA to lead on evidence-based improvements to practice through an initiative which helps amplify reach and impact,” he said.

“We wanted our recommendations to result in meaningful change. This has meant integrating the recommendations into our advocacy work, our continuing professional development courses for pharmacists, and our conference programs.
“For example, on homeopathic products; it is clear there is no reliable evidence of efficacy. All health professionals should take the time to discuss with health consumers the lack of efficacy and the risks in rejecting or delaying other treatments known to be safe and effective. They don’t belong on pharmacy shelves and it’s time they were removed.

“We wanted to lead this change in pharmacy. After the recommendation was released and attracted mainstream media attention, we wrote to banner groups – the organisations who support community pharmacies in their business operations such as product range – to encourage the removal of these products from planograms and promotional material.

“The response of banner groups has been generally positive. A number of groups indicated they have ceased promotion and stocking of these products, while others have indicated they are in the process of doing so.

“We think this is a positive step and Choosing Wisely helped us achieve this. “We will continue to follow up with banner groups and our pharmacist members in this area until homeopathic products are no longer on pharmacy shelves.”

Clinical case studies to promote recommendations

As part of Choosing Wisely Australia’s clinical educational activities, members are being encouraged to develop case studies that demonstrate the application of specific recommendations for use in their usual teaching modules.

The Australasian Society for Infectious Diseases (ASID) approached one of its members, Dr Brendan McMullan, a paediatric infectious diseases specialist and microbiologist at Sydney Children’s Hospital Randwick and a senior lecturer in the School of Women’s and Children’s Health at University of New South Wales, to lead the development of a case to promote the appropriate use of antibiotics for children presenting at emergency departments with upper respiratory tract infections.

Using his research expertise in antimicrobial stewardship and resistance, perinatal infections and infections in immuno-compromised children and young people, Dr McMullan designed a case study outlining the typical treatment options a resident or registrar might consider. It also provided the rationale for including and excluding each option based on clinical evidence, showcasing ASID’s recommendation Avoid prescribing antibiotics for upper respiratory tract infections and incorporated patient education as an important component of management. ASID acknowledges contributions from its Board and its paediatric special interest group.
Choosing Wisely clinical cases studies, such as ASID’s, can have wide-ranging applications, such as in the syllabus of medical and allied health professional schools, in health services and in specialty colleges as CPD and accreditation for fellows.

**MD students explore being ‘diligent doctors’**

Hugh Blackie is a third-year medical student at the University of Melbourne and was instrumental in bringing Choosing Wisely Australia to this year’s MD Student Conference in June.

“We wanted to deliver a workshop that would allow students to work through tricky clinical scenarios, with an emphasis on choosing appropriate investigations and treatments with a strong evidence base,” Mr Blackie said.

Dr Christopher Leung – a gastroenterologist and Choosing Wisely Clinical Lead at Austin Hospital – facilitated the *Diligent Doctor* workshop and said the aim was to help students learn about the dangers of over-investigating and misprescribing, as well as understanding the clinical benefits of good decision-making.

“Medical students are active players in Austin Health’s Choosing Wisely Committee, and we encourage them as future clinicians to own the future of our health service. This is not just about saving resources, it’s about the right test and right management for the right patient. It’s about translating evidence into best patient care,” he said.

Mr Blackie said he believes it’s incredibly important for medical students to become involved in Choosing Wisely.

“As we learn about conditions – understanding their pathogenesis, symptomatology, clinical presentation, investigation findings and management – I think it’s vital we concurrently learn about the importance of being selective in our investigation choices, as well as clinically precise in our management,” he said.
Physios promoting the Choosing Wisely concept

"We are promoting the benefits of physiotherapy treatment and tailored exercise programs to combat chronic health conditions, while showing consumers they are at the centre of their health choices."

Phil Calvert, APA National President

Since joining Choosing Wisely Australia in 2016, the Australian Physiotherapy Association (APA) has been proactively promoting the initiative to its members, the media and on social media channels to its 66,000-plus followers.

Its **six Choosing Wisely recommendations** cover imaging for complaints such as low back pain and acute ankle trauma, as well as manual therapy for frozen shoulders.

APA National President Phil Calvert said: "We are promoting the benefits of physiotherapy treatment and tailored exercise programs to combat chronic health conditions, while showing consumers they are at the centre of their health choices. We are supporting their ability to make informed choices – or to at least ask further questions – about having surgery, scans or taking medications."

As part of this year’s World Physiotherapy Day (8 September) themed around chronic pain, the APA developed a suite of social media assets to debunk common misperceptions about health such as ‘surgery is my only chance of improvement’ and ‘strong pain killers will help manage my pain’ and promoted the benefits of physiotherapy as an effective alternative.
Champion Health Services

Hospital partnerships

An ever-increasing number of health services across Australia are implementing Choosing Wisely projects in their hospitals with teams of health professionals and consumers working together across departments, and entire organisations on local projects addressing unnecessary or low-value healthcare.

Our network of 34 Champion Health Services is supported by NPS MedicineWise to design, deliver and evaluate projects as determined by each individual site – from one project in a single department, to embedding Choosing Wisely principles in the performance framework for a whole organisation.

The flexible nature of the Choosing Wisely initiative is encouraging local innovation and is helping drive engagement among clinical teams and consumers.

To join, health services must be supported by executive and clinical leadership teams, agree to the core principles of the initiative and commit to implementation and evaluation activities that support the principles.

Monthly webinars are held with project officers and clinical leads to share insights and ideas for further implementation.

A model for change

Following the successful implementation of Choosing Wisely at Austin Health, the Better Care Victoria Innovation Fund supported a Choosing Wisely Scaling Collaboration in 2017-18. In partnership with NPS MedicineWise and Austin Health, the collaboration ran from May 2018 to July 2019 and brought together 11 health services interested in becoming Choosing Wisely champion hospitals.

The primary objectives of the collaboration were to:

- establish a sustainable framework to measure low-value care and impact of interventions designed to reduce low-value care practices
- decrease the proportion of low-value care practices delivered in health services by reducing unnecessary requesting of tests, treatments and procedures.

Partnering for change
The following 11 Victorian health services participated in the collaboration and engaged in addressing low-value care practices across pathology and imaging areas:

- Albury Wodonga Health
- Ballarat Health Services
- Goulburn Valley Health
- Latrobe Regional Hospital
- Monash Health
- Northern Health
- Peninsula Health
- The Royal Children’s Hospital
- St Vincent’s Hospital Melbourne
- Swan Hill Health
- Western Health

The collaboration included workshops on identifying areas of low-value care, program design, governance, communications and engagement, implementation, sustainability and evaluation. This approach allowed participating health services to share challenges, approaches and resources in their implementation of Choosing Wisely.

A program and economic evaluation has been conducted with results due to be published at the end of the year.

“The only way to sustain this process is to embed a low-value care evaluation process within a funded, encouraged and supported framework in your institutions.”

Dr Douglas Travis, Chair Better Care Victoria Board
“We developed a comprehensive communication plan and this communication plan was the key to our success in both implementing Choosing Wisely, and ensuring its sustainability. This plan allows us to use the same principles regardless of whatever the project is going to be, across the organisation.”

Julia Firth, Operations Manager Medical Imaging and Pathology Contract, Western Health. 2019 National Meeting presentation

Toolkit to support implementation

Learnings from the Scaling Collaboration have informed a new Implementation Toolkit, launched by NPS MedicineWise in May, to help guide other hospitals and health services as they adopt Choosing Wisely in their organisations.

State Government engagement

The scale-up of Choosing Wisely in Victoria has demonstrated the value of state governments investing in the initiative to improve resource stewardship and patient outcomes in Australian hospitals. To date, there has been interest from health departments in Queensland, Western Australia, South Australia and Tasmania about how the initiative can be adopted more broadly in their individual states.

The Queensland Clinical Senate’s August Meeting focused on reducing low-benefit care – identifying it was the responsibility of clinicians to lead a change that provides better patient care and a more efficient and sustainable health system. This includes empowering consumers and their healthcare providers “to discuss what care is needed, and identify which interventions are helpful and which are not,” as the Chairs’ report noted. Learnings from the Choosing Wisely Australia Champion Health Services network were presented as part of a showcase of work on reducing the delivery of low-benefit care and identifying interventions that should be priorities for Queensland.

Creating an environment where people are comfortable to ask questions about tests, treatments and procedures is essential to an effective shared decision-making process. It’s encouraging to see government bodies like Public Health Services (PHS), within the Tasmanian Government’s Department of Health and Human Services, adopt this important messaging.
Since January, PHS has been encouraging healthcare providers to encourage and welcome questions from consumers as part of its Communication and Health Literacy work.

**Townsville doctor welcomes conversation about low-benefit care**

An informed conversation between patients and clinicians about low-benefit care is long overdue, according to Townsville Hospital emergency department deputy director Dr Natalie Ly.

The Townsville Hospital and Health Service has signed up to Choosing Wisely Australia which brings together medical colleges, societies and healthcare associations led by clinicians across the country. Dr Ly said the ultimate vision of a meaningful discussion about low-benefit care would be in the best interests of patients.

“I see a real benefit in having a genuine conversation that just because a test is available it doesn’t necessarily mean it is beneficial and, in some cases, it can be harmful,” she said.

“We have 250 patients present to the emergency department every day and most people in our community expect that when they come to hospital, they will receive a test, procedure, or medication.

“The reality is that in busy emergency departments it can be a challenge to have this conversation with every patient and, at times, it may be easier to provide the requested treatment, even though you know it is of little to no benefit to the patient.”

Choosing Wisely Australia provides community awareness and education about low-benefit care, which informs patients and arms them with the right questions to ask their care providers.

Dr Ly said everyday examples of low-benefit care included prescribing antibiotics for viral infections and requesting X-rays for ankle sprains.

“There are clinical diagnostic tools available to our clinicians to assess if any ankle has a sprain or fracture,” she said.

“By using these tools, we can avoid unnecessary imaging, unnecessary radiation exposure and unnecessary time spent in the department.”

Dr Ly said another benefit of Choosing Wisely Australia is that it gives a name to low-benefit care and she hopes it will make the community think about their care choices, including no test and/or treatment being a legitimate care option.
Consumers at the centre

A best practice healthcare system is one that places consumers at the centre of their own healthcare - a system that encourages and empowers people to obtain the information and advice they need to make an informed decision about any tests, treatments or procedures available to them. Patient-focused communication between health professionals and consumers is a key principle of Choosing Wisely and NPS MedicineWise is working to support its members and supporters with information and resources they can use in their conversations with consumers and consumer advocates.

A tool to empower

A key objective of the Choosing Wisely initiative is empowering consumers to ask questions about the tests, treatments and procedures available to them through their healthcare providers. At the same time, the health profession is being encouraged to support, even drive, conversations that explore options, necessity and risks. This process is central to ensuring consumers are better informed about healthcare options and to facilitating a shared decision-making process.

To help guide consumers and carers in knowing what to ask healthcare providers, Choosing Wisely Australia has a list of 5 questions to ask your doctor, which has been translated into 12 other languages, including Chinese, Turkish, Spanish and Korean and promoted during this year’s 2019 Be Medicinewise Week campaign by NPS MedicineWise.

5 questions to ask
1. Do I really need this test, treatment or procedure?
2. What are the risks?
3. Are there simpler, safer options?
4. What happens if I don’t do anything?
5. What are the costs?

11,400+ visits to the 5 QUESTIONS
Dr Deb Harley is a general practitioner in a large Geelong practice and has been a keen supporter of the Choosing Wisely initiative over the past few years.

On referring her patients to specialist appointments, Dr Harley provides them with a wallet-sized copy of the Choosing Wisely 5 questions to ask your doctor resource which was developed to encourage people to be more active participants in their own health management.

Dr Harley said: “I encourage patients to familiarise themselves with the questions and pick out what might be important for them to ask their specialist – to provide guidance in what might be a time of stress. ‘It can also open people to the possibility that maybe an operation is not the only thing that will help their knee or shoulder.”

Dr Harley has the 5 questions displayed in her consultation room. She explains to patients that Choosing Wisely is an international movement, led by medical colleges, and said her patients are receptive to the idea that there is an evidence-based philosophy behind the initiative.

“It’s so much easier to say colleges support this approach and agree with the philosophy that patients should ask questions – that this is legit and acceptable,” she said.

A greater uptake of Choosing Wisely in the local community is something Dr Harley is keen to see, and she advocates for the initiative through her roles with the local Primary Health Network and a hospital outpatient clinic.

“In our area it’s almost imperative we have the local public health service on board, as we have such a close relationship with them and it would be so much easier for our patients if there was consistency across all sectors of healthcare,” she said.

The 5 questions resource is available in a range of formats – posters, wallet cards and a digital format for television screens at http://bit.ly/5toask
Choose wisely – choose co-design

Sunshine Coast Hospital and Health Service (SCHHS) recognises that for many people hospital is just one part of their healthcare journey, so helping consumers ask questions about their care and promoting broader collaboration with consumers is vital.

SCHHS established a Choosing Wisely Faculty in January 2019 with consumers, clinicians, their Primary Health Network partner, clinical schools and other key support organisations for the Sunshine Coast. A number of senior executives, including the Chief Executive, who is an enthusiastic Faculty member, proactively participated in the development and implementation of initiatives which ensure that all levels of the organisation are Choosing Wisely.

Consumer representation is central to SCHHS’s approach and it was thrilled five consumer representatives joined the Faculty from the kick-off meeting.

As a regular consumer of health services since his early twenties, consumer representative Matty Hempstalk chose to participate to help educate other patients. He said: “They can take control of their own health and be part of the decision-making, not just take what the nurse or the doctor says needs to happen.”

Choosing Wisely Faculty Chair, Dr Morne Terblanche is excited by how consumers have helped shape the Sunshine Coast program.

“Our consumers have been a vital part of our Choosing Wisely team.” Dr Terblanche said. “Their perspectives challenge our thinking as clinicians. Our consumers highlight the importance of getting the messaging right, inform our marketing material development, and identify areas for focus. The consumer voice has also been central in specific projects.”

Shared decision-making is a national healthcare priority, clearly articulated in the National Safety and Quality Health Service Standards. In recognition of this and in response to an organisation-wide patient experience survey, the Shared Decision-Making in the Emergency Department project was born. A co-design approach to improvement was chosen, with consumers at the forefront of driving this initiative.

The project team adopted and worked through elements of the Health Service Co-Design methodology developed by its New Zealand colleagues at the Auckland District Health Board, to identify improvement opportunities. This included an extensive tour of Sunshine Coast
Emergency Departments, visioning and goal setting, idea development and touchpoint analysis.

Through this process, the team was able to filter 29 ideas across the patient journey into the following four key consumer-focused sub-projects:

- Alternatives to Emergency Department
- Understanding Emergency Department processes
- Communication about options
- Discharge and after.

Through the co-design approach, the team discovered that what it had assumed were the key issues weren’t necessarily what consumers expected. These projects are continuing to develop, supported by consumer representatives and the project team is looking to roll out the methodology with other services.

The **Conversation Starter Kit** brings together a range of new and existing Choosing Wisely Australia resources for consumer health advocates to raise awareness of the initiative among their networks and to encourage participation - a new offering in their promotion of patient-centred care.

The kit was an outcome of collaborations between representatives from Primary Health Networks, consumers and health professionals as part of a Consumer Expert Working Group convened to develop new consumer-facing resources.

It is available as an online PDF with introductory guide and links to a short presentation, key messages, social media guide and an evaluation form. It also includes a new video encouraging consumers to ask their healthcare providers questions about the tests, treatments and procedures recommended to them.
Engaging patients and the public

A toolkit focused on engaging patients and the public with Choosing Wisely was released by Choosing Wisely International this year.

Patient & Public Engagement in Choosing Wisely features 28 case studies from 12 countries describing ways individual initiatives have partnered, engaged, empowered and informed patients, consumers and the public.

Four case studies from Australia are included and cover:
1. Consumer stakeholder roundtables
2. A consumer working group to co-produce content for use in primary care settings
3. A national film competition to raise awareness of antibiotic overuse
4. Focus group testing of messaging for consumer-facing resources.
Partners in research

The Choosing Wisely initiative provides plentiful opportunities for researchers to explore new avenues for best practice in addressing unnecessary or low-value healthcare, as well as using existing resources to determine the most appropriate formats for people with differing levels of health literacy.

Collaborating with consumers is key for shared decision-making

Gold Coast Health is one of the busiest and fastest-growing health services in Australia. It has delivered more care through its emergency departments this year than any other health service in Australia.

The health service delivers a broad range of secondary and tertiary health services from three hospitals, two major allied health precincts and 13 community-located facilities.
Academic partnerships between universities and teaching hospitals are crucial to sustaining and advancing clinical education and research. It’s in the name – Gold Coast UNIVERSITY Hospital – it is a place of teaching and learning so that it can continuously deliver sustainable world class healthcare.

Gold Coast Health is working in partnership with other key agencies to create a cultural shift toward health professionals and consumers engaging in conversations about what tests, treatments or procedures are really necessary – aiming to reduce low-benefit care.

Gold Coast Health has close working relationships with key personnel from Griffith and Bond universities, who play an important part in developing and supporting the Choosing Wisely Program. Together with its partners, Gold Coast Health has a strong and connected Committee, providing strategic opportunities for collaboration and innovation generation.

The Project Control Group collaborates with Professor Margaret Shapiro, who is a representative on the Consumer Advisory Group as well as being affiliated with Griffith University. Professor Paul Glasziou is from the Institute for Evidence-based Healthcare at Bond University. Both these partnerships with Gold Coast Health’s Choosing Wisely Program are integral to ensuring that discussions between consumers and clinicians are supported and that patient play an important role in making decisions with their healthcare providers that are based on the best available evidence.

Gold Coast Health is also actively pursuing graduates from the universities to be a part of this culture change where these students will help introduce and evaluate the interventions delivered by the Choosing Wisely program.
There’s a positive consensus across the healthcare sector that Choosing Wisely Australia’s 5 questions to ask your doctor resource is valuable in guiding consumers and carers in conversations with healthcare providers. But, what’s the best format for people with low levels of health literacy?

Professor Kirsten McCaffery (Director) and Dr Danielle Muscat (Research Fellow and Westmead Lead) from the Sydney Health Literacy Lab at the University of Sydney’s School of Public Health, have been examining the most appropriate methods of engaging consumers in a shared decision-making process with their healthcare providers, across differing health literacy levels.

“Previous research has shown adults with lower health literacy are less likely to ask questions and less likely to be involved in decisions about their health...”

Dr Danielle Muscat, Research Fellow and Westmead Lead from the Sydney Health Literacy Lab, University of Sydney’s School of Public Health
preparation video – each alone and together. Participants were presented with a hypothetical low back pain scenario and randomised into one of the three intervention groups, stratified by level of health literacy.

Dr Muscat said: “Early results suggested there might be an impact of different intervention types on decision-making outcomes and a role of health literacy in determining intervention effects.”

Participants who received the video had higher levels of self-efficacy to participate in shared decision-making compared with those who received the 5 questions resource alone.

For participants with higher health literacy, the combined intervention yielded the greatest change in intention to engage in shared decision-making, followed by the video, while presentation of the 5 questions resource resulted in no meaningful change.

However, for people with lower health literacy the 5 questions alone demonstrated the greatest change in intention, followed by the combined intervention, with the video alone resulting in little to no change.

With this information Professor McCaffery and Dr Muscat are working to develop a larger trial and, ultimately, move beyond online studies into implementation studies with patients in clinics.

“We are really excited to continue to work and further explore how we can tailor and optimise interventions to better support shared decision-making for all,” Dr Muscat said.
## Appendix

### Recommendations in NPS MedicineWise programs

The following table presents the NPS MedicineWise national education programs that have included Choosing Wisely Australia recommendations and the key findings of GP surveys to questions specifically relating to these recommendations.

<table>
<thead>
<tr>
<th>Year</th>
<th>Program</th>
<th>Recommendations</th>
<th>College, Society, Association</th>
<th>Key findings</th>
</tr>
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<tbody>
<tr>
<td>October 2019</td>
<td>Opioids and the bigger picture when treating chronic pain</td>
<td>On the use of opioids for chronic non-cancer pain</td>
<td>Faculty of Pain Medicine (FPM) of Australian and New Zealand College of Anaesthetists (ANZCA)</td>
<td>Program in field</td>
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<tr>
<td>September 2019</td>
<td>Managing thyroid conditions in primary care</td>
<td>On screening and ultrasound</td>
<td>Endocrine Society of Australia, Royal Australian College of General Practitioners (RACGP)</td>
<td>Program in field</td>
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<td>October 2018</td>
<td>Low back pain: Taking action</td>
<td>On not requesting imaging if there are no indicators of a serious cause for low back pain</td>
<td>Australasian Faculty of Occupational &amp; Environmental Medicine (AFOEM), Australasian Faculty of Rehabilitation Medicine, Australian Physiotherapy Association, Australian Rheumatology Association, FPM, ANZCA, The Royal Australian and New Zealand College of Radiologists (RANZCR)</td>
<td>10% increase in GP agreement with the recommendation on imaging after participating in an NPS MedicineWise educational visit</td>
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<tr>
<td>Year</td>
<td>Program</td>
<td>Recommendations</td>
<td>College, Society, Association</td>
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<tr>
<td>July 2018</td>
<td>Starting, stepping down and stopping medicines – PPIs for GORD</td>
<td>On reducing long-term use of proton pump inhibitors for gastro-oesophageal reflux disease</td>
<td>🔄 Gastroenterological Society of Australia (GESA) 🔄 RACGP</td>
<td>13% increase in GP agreement with the RACGP/GESA recommendation after participating in an NPS MedicineWise educational visit</td>
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<td>February 2018</td>
<td>Neuropathic pain: Touchpoints for effective diagnosis and management</td>
<td>On avoiding the use of pregabalin and gabapentin for pain which does not fulfil the criteria for neuropathic pain</td>
<td>FPM, ANZCA</td>
<td>11% increase in GP agreement with the ANZCA recommendation after participating in an NPS MedicineWise educational visit</td>
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<td>June 2017</td>
<td>Statins: optimising therapy, addressing intolerance</td>
<td>Assessing of cardiovascular risk before prescribing therapy for hypertension or dyslipidaemia.</td>
<td>RACGP</td>
<td>14% increase in GP agreement with the RACGP recommendation after participating in an NPS MedicineWise educational visit</td>
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<td>October 2016</td>
<td>Ankle and knee injuries: your imaging choices</td>
<td>Use of imaging to manage acute ankle and knee trauma</td>
<td>RACGP &amp; RANZCR</td>
<td>26% increase in GPs who would ‘always’ apply the Ottawa Ankle Rules to determine whether an X-ray was required</td>
</tr>
</tbody>
</table>
Choosing Wisely Australia Advisory Group

Dr David Rosengren, Chair
Executive Director and Senior Staff Specialist Emergency Physician
Royal Brisbane and Women’s Hospital
Metro North Hospital and Health Service
(from July 2019)

Dr Matthew Anstey, Chair
Intensivist and Co-director of Research
Sir Charles Gairdner Hospital
(to June 2019)

Helen Belcher
Community Representative
(Hunter New England Local Health District Board)

Melissa Fox
Chief Executive Officer Health Consumers Queensland
(to November 2019)

Dr Frank Jones
Senior Partner Murray Medical Centre Mandurah
(to July 2019)

Professor Erwin Loh
National Chief Medical Officer and Group General Manager
Clinical Governance
St Vincent’s Health Australia

Professor Nicholas Talley
Pro Vice-Chancellor (Global Research) and Laureate Professor
Office - DVC (Research and Innovation), University of
Newcastle
(to November 2019)

Jessica Toleman
A/Executive Director, Critical Care and Clinical Support Services
Royal Brisbane and Women’s Hospital
Metro North Hospital and Health Service

Dr Jeremy Wellwood
Director of Haematology Oncology
Gold Coast University Hospital
## Our members and supporters

### Colleges, societies and associations

<table>
<thead>
<tr>
<th>Organization</th>
<th>Description</th>
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<tr>
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<td>ACREM</td>
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<td>ASCSP</td>
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<td>APEDG</td>
<td>Australasian Paediatric Endocrine Group</td>
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<td>Australasian Society for Infectious Diseases</td>
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<td>ACRRM</td>
<td>Australian College of Rural and Remote Medicine</td>
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<td>Australian Physiotherapy Association</td>
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<td>ARHMA</td>
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<td>ANZACNS</td>
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<td>Royal Hobart Hospital (Tasmania)</td>
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### Hospitals and health services

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### Consumer information and advocacy organisations

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<td>HCQ</td>
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