

Today

- ▶ Introduction (to each other, and this activity)
- ▶ Program overview
- ▶ Reviewing and assessing anticholinergic burden
- ▶ Using a person-centred approach
- ▶ Strategies to manage anticholinergic burden
- ▶ Case study
- ▶ Next steps



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What is quality use of medicines?1

- 1. Use a medicine only when necessary.
- 2. If it is necessary, use the right medicine at the right dose for the right duration.
- 3. Use medicines in a way that ensures a safe and effective outcome.





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Anticholinergic burden: an important QUM issue



- ▶ Anticholinergic burden is the cumulative effect on a person from taking one or more medicines with anticholinergic effects.¹
- ▶ Cumulative burden may be caused by multiple medicines including those not typically thought of as having anticholinergic effects.^{2,3}
- The impact on patient health outcomes includes large increases in fall-related hospitalisation, the risk of dementia and mortality,^{4,5} and overall reduced quality of life.

1 Kouladjan O'Donnel L. et al. J Plaum Pact Res 2017.47.57.77.
2 Patrimon L. et al. Med J Aust 2015.20291-4.
3 Veterara MATE S Medionies the hidom crotibutor to fals and hip fractures. Camberra: Australian Government, 2018.
4 Mattala PS, et al. Pharmacoopelerisid Drug Sal 2014.22.753.8.
5 Oracchivadi RR et al. Resource Usop 3, 2021.402.83.7.



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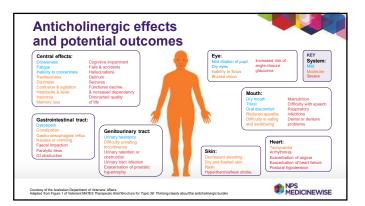
Compounding effects of anticholinergic and sedative medicines

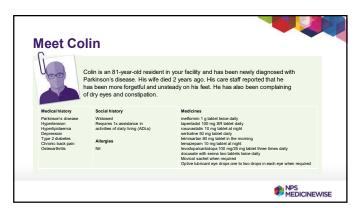
- Medicines with anticholinergic or sedative properties may cause adverse events by contributing to an older person's anticholinergic or sedative burden.¹
- ▶ High long-term cumulative exposure is associated with poorer cognitive and physical functioning.²
- ▶ This burden may be decreased by reducing the number and dose of medicines with anticholinergic and sedative effects.¹

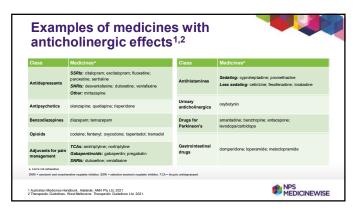
Bell JS, et al. Aust Fam Physician. 2012;41:45-9.
 Wouters H, et al. J Gerontol A Biol Sci Med Sci. 2020;75:357-65.

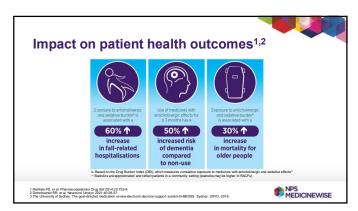


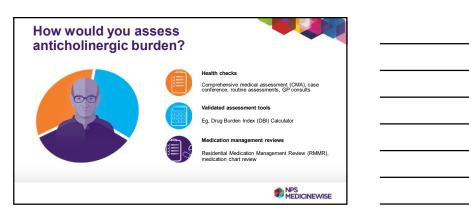




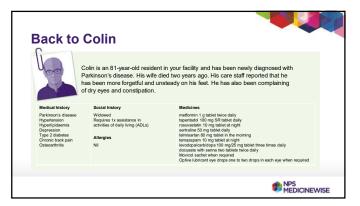


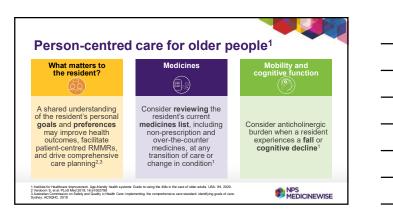












Multidisciplinary opportunities

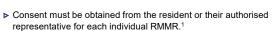
Multidisciplinary opportunities may support person-centred care and help address any concerns or issues.

- ▶ Case conferences
- ▶ RMMRs
- ▶ Medication Advisory Committee (MAC) meetings
- ▶ Quality Use of Medicine (QUM) services



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RMMR patient consent changes after June 2020



- ▶ If there is no other suitable person to give consent, the service may still be completed if:¹
 - the resident's physical or mental health or safety may be significantly and detrimentally impacted
 - the resident may be exposed to a potentially life-threatening situation
 - $\bullet\,$ the resident might reasonably be exposed to serious injury or illness.

Pharmacy Programs Administrator. Residential medication management review patient consent. Victoria: PPA, 2020



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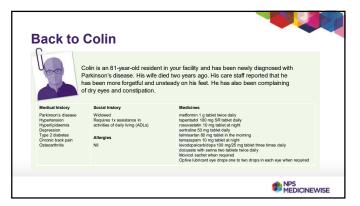
RMMR referrals¹

- A recommendation based on the resident's clinical need may be provided by the medical practitioner, pharmacist, nursing staff, the resident or their carer. However, a medical practitioner is required to provide the initial referral.
- ▶ The referral should include the reason for referral and all relevant prescribing and clinical history.
- Accredited pharmacists need to ensure that appropriate consent has been gained prior to conducting the RMMR.
- ▶ The resident interview (if relevant) must take place within 90 days of the date of the referral to be remunerated under the RMMR program.

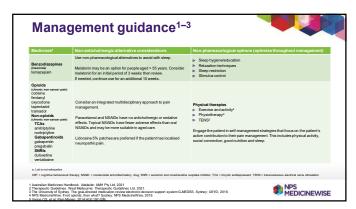
Pharmaceutical Society of Australia. Guidelines for pharmacists providing Residential Medication Management Review (RMMR) and Quality Use of Medicin (ICIIM) services. Surface: PSA 1st 2017.



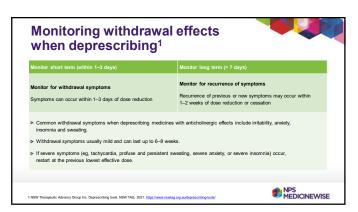


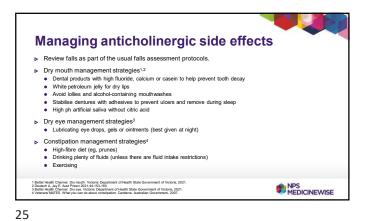


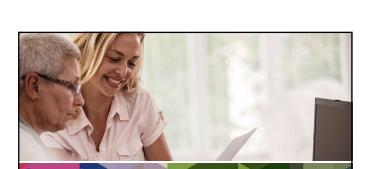




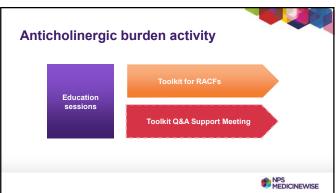








Next steps



Anticholinergic burden: a toolkit to improve resident outcomes in aged care facilities

Aim

No help RACFs improve health outcomes for residents with identified anticholinergic burden, by reducing side effects such as dry mouth and constipation, and by decreasing the risk of falls due to dizziness. Reducing falls can assist with meeting quality indicators in the QI Program.

- Objectives

 ▶ Raise awareness amongst RACF staff of anticholinergic burden and its impact on residents, such as increasing falls risk, cognitive impairment and other adverse effects.
- Improve current RACF processes to support a person-centred multidisciplinary approach to reduce anticholinergic burden.
- Optimise the use of non-pharmacological and pharmacological (where appropriate) alternatives to medicines with anticholinergic effects to reduce medicine-related harm in aged care residents.



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Anticholinergic burden: a toolkit to improve resident outcomes in aged care facilities

Benefits

▶ Improve current workflow and processes to improve resident outcomes

- ▶ Identifying anticholinergic burden
- ▶ Assessing anticholinergic burden
- ▶ Managing anticholinergic burden
- ▶ Using a person-centred approach





Toolkit: identifying and assessing anticholinergic burden

- ▶ Identifying residents at risk of anticholinergic burden
 - infographic of anticholinergic effects, table with examples of medicines, NPS
 MedicineWise resources (presentation template, online information session, webinars),
 guidelines for medication management, QUM services and polypharmacy in RACFs
- ▶ Assessing anticholinergic burden existing systems, services and tools
 - Drug Burden Index (DBI) calculator, falls risk assessment tool (FRAT), guidelines for falls assessment
- ▶ Assessing anticholinergic burden RMMRs
 - NPS MedicineWise resources (RMMR patient fact sheet), guidelines for RMMRs



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Toolkit: managing anticholinergic burden

- ▶ Deprescribing medicines with anticholinergic effects, managing withdrawal and optimising non-pharmacological options
 - examples of guidance to manage anticholinergic effects of medicines, deprescribing tools and guidelines, NPS MedicineWise resources (deprescribing patient action plan)
- Managing symptoms of anticholinergic burden (falls, constipation, dry mouth)
 - guidelines for managing falls, constipation and dry mouth



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Toolkit: using a person-centred approach

- ▶ Multidisciplinary opportunities for collaboration within RACFs (RMMRs, case conferences, QUM services, MACs)
 - toolkit Q&A support meeting, guidelines for collaboration within RACFs
- ▶ Person-centred care for aged care residents
 - NPS MedicineWise resources (Choosing Wisely 5 questions, patient decision aid, online case study), 4Ms guideline, Aged Care Quality Standards guideline

-	NPS
-	MEDICINEWISE