

# Minimising Medicine Risks

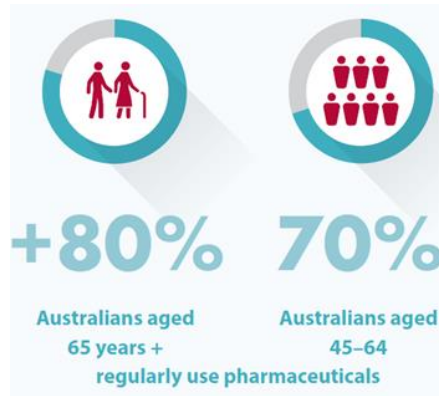
Tobias Speare

AMSANT Pharmacy Support Officer

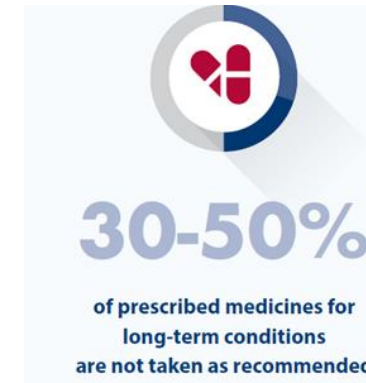


# Medicine use

- Most common medical intervention in health care

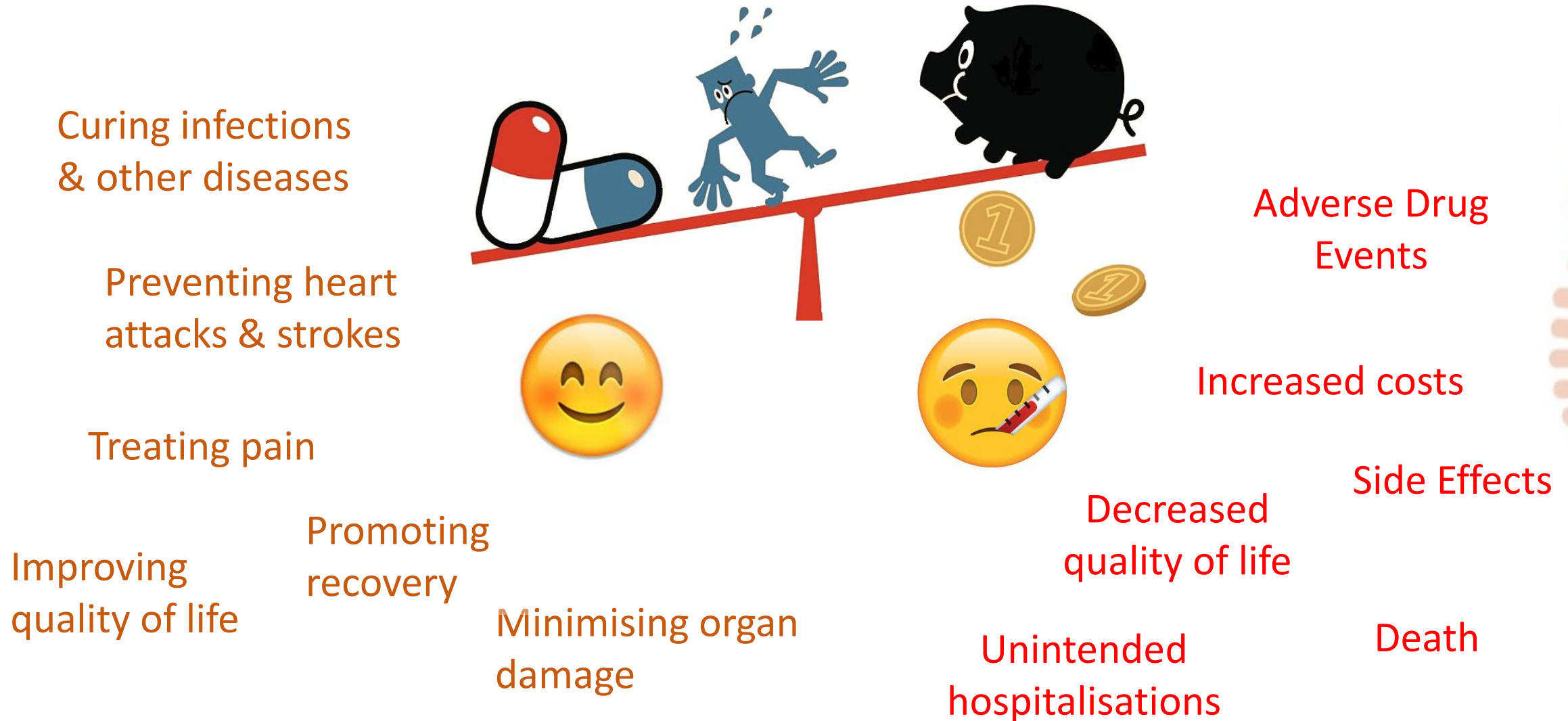


>\$11 Billion  
every year



- 250,000 medication-related hospital admissions/year
- Additional 400,000 emergency departments presentations due to medication-related problems
- 50% of this harm is preventable

# Balancing act



# Not everyone's risk is the same



Young people

## GROUPS AT INCREASED RISK



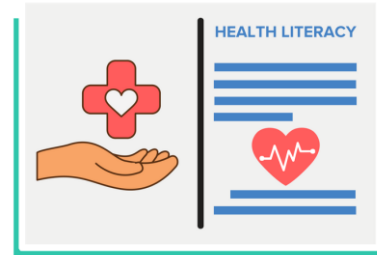
Poly-pharmacy



Older people



Chronic disease &  
multimorbidity



Low health  
literacy



Remotely located



Transitions of care

# Call to Action!

## WHO 3<sup>rd</sup> Global Patient Safety Challenge:

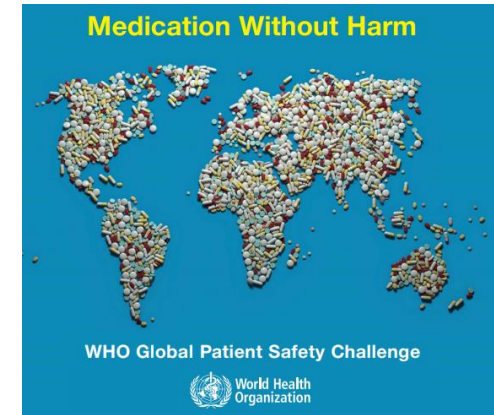
### Medication Without Harm

*Reduce the level of severe, avoidable harm  
related to medications by 50% over 5 years, globally*

## National Health Priority Area

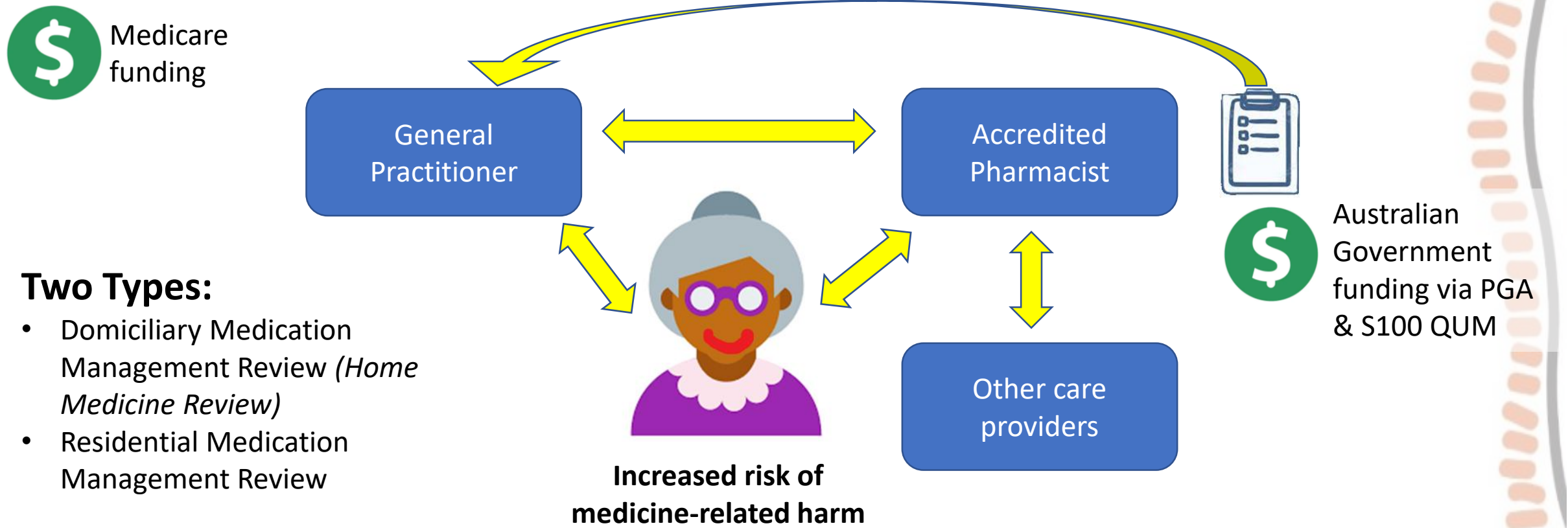
- COAG recently agreed to establish #10- NHPA

*Medicine Safety*



# Strategy to manage risks: Medication Management Reviews

- What is a medicine review?
  - A multi-disciplinary approach to maximise a person's benefit from their medication regimen and prevent medication-related problems.

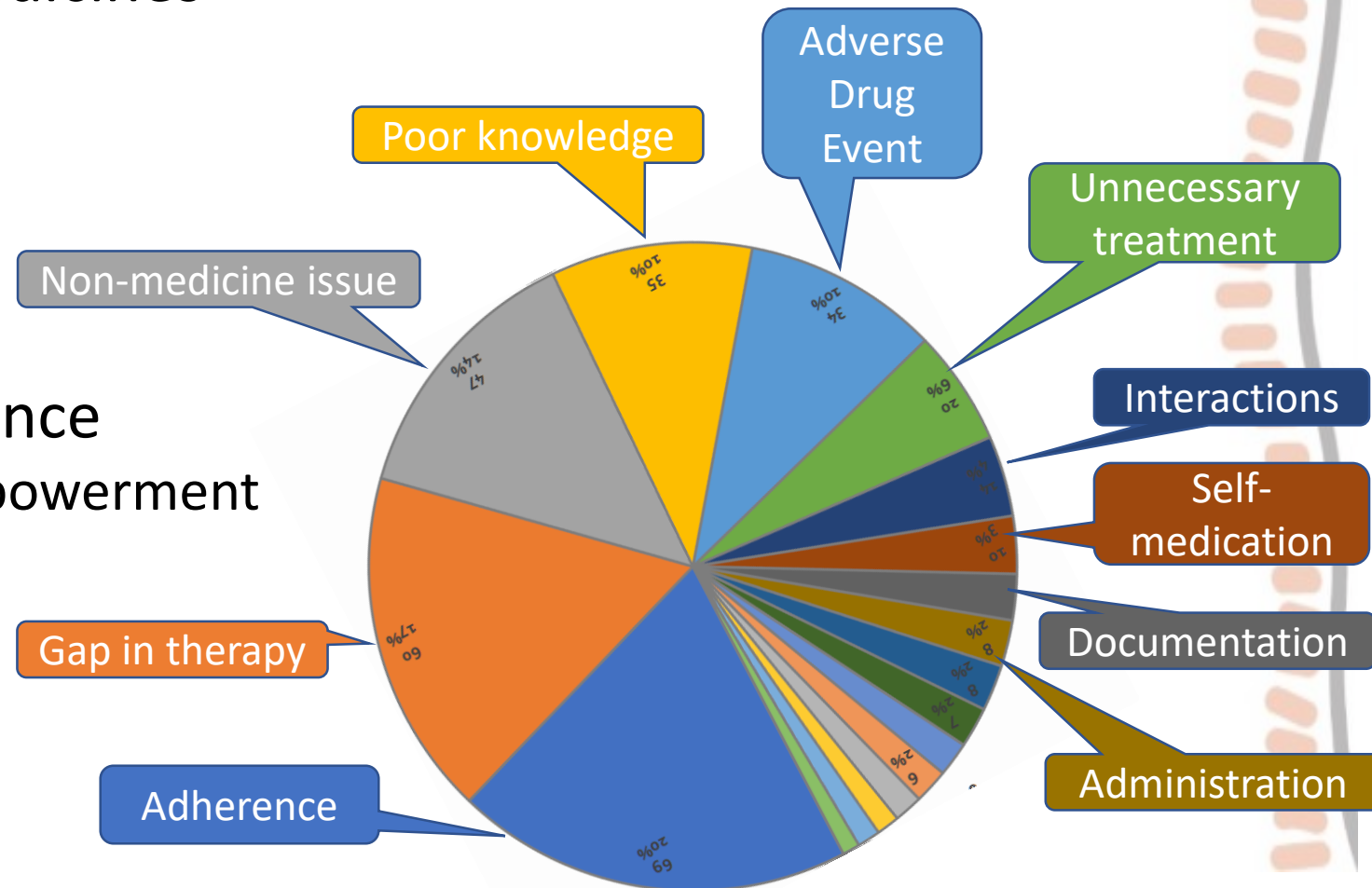




# Medication Management Reviews: Benefits

- Promotes person centred care
- Improved quality use of medicines
- Fewer adverse events;
  - Side effects, falls, sedation
- Better quality of life
- Reduced hospitalisation
- Positive participant experience
  - Improved knowledge & empowerment
- Cost savings
- Enhanced team care

**HMR project at Danila Dilba-  
Main issues identified**



# Medication Management Reviews: Challenges in Aboriginal and remote settings

- Not culturally appropriate or safe
- Different models of care in remote/ACCHO
- Lack of understanding & awareness
- Language barriers
- Limited access;
  - Remote locations
  - Appropriately trained pharmacists
  - GP availability
- Inadequate funding
- Rules of MMR program
  - Max 20 reviews/month/pharmacist
  - Constraints around where review undertaken





# Medication Management Reviews: Shining examples

- ACCHOs enabling MMRs
  - Danila Dilba
  - Maningrida
  - Wadeye
  - Santa Teresa
- Current research projects:
  - Integrating Pharmacists within Aboriginal Community Controlled Health Services to Improve Chronic Disease Management (IPAC) study
  - Indigenous Medication Review Service (IMeRSe) study
  - Health Care Homes- Pharmacy trial



# Take Home Messages

- Medicine use is a balancing act: Costs vs Benefits
- Medicine Management Reviews optimise medicine use
  - Funded via Medicare, Pharmacy Guild of Australia and S100 QUM
- Talk to your Pharmacy (& *Doctors*) about possibility of Medicine Reviews!!



# Acknowledgements

- Angela Madden- IPAC Pharmacist, Danila Dilba
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# References

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