

NPS MEDICINEWISE

Lynn Weekes

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AUSTRALIA 2013

22.7 million people

-14% over 65 years

-2% over 85 years

Life expectancy

-78.7 years men

-83.5 years women

Migration

-170,000 per year



SPENDING ON MEDICINES

- ▶ Health 9% GDP
- ▶ 14% health expenditure on medicines

- ▶ National insurer: Medicare - PBS
- ▶ PBS expenditure \$12 billion
 - Government 83%
 - Patient co-payments





WHO WE ARE

Independent, not for profit and evidence-based organisation.

MISSION

To help people make the best decisions about medicines and other medical choices to achieve better health and economic outcomes.

VISION

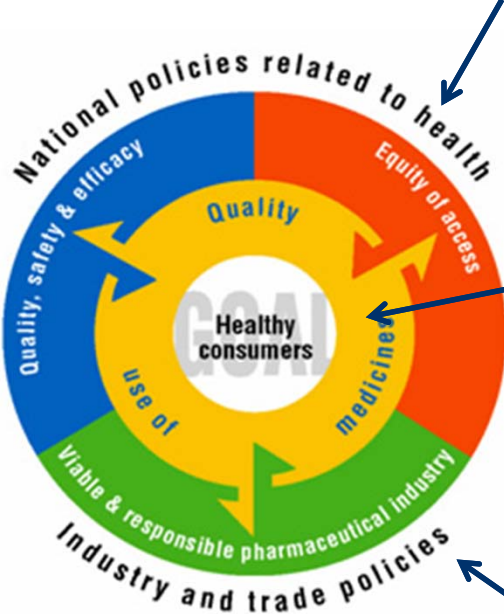
We aim to be an innovative change leader, trusted for our objective, collaborative and evidence-based approach to medicines and other medical choices.



WHERE WE FIT

Pharmaceutical
Benefits Scheme (PBS)
INSURER

Therapeutic Goods
Administration (TGA)
REGULATOR



Quality Use of Medicines

NPS MedicineWise established in 1998 as an independent, non-government body to lead quality use of medicines

Pharmaceutical industry

NATIONAL MEDICINES POLICY



WHAT WE DO

- ▶ Identify problems with the way medicines & medical tests are used.
- ▶ Bridge the gap between policy and practice – from evidence to practical solutions - to reduce the gap between actual and best practice.
- ▶ Research, distil and connect people to best practice information about how medicines and medical tests should be used.
- ▶ Keep doctors, pharmacists, nurses, specialists up-to-date with the latest evidence
- ▶ Provide patients and HPs with the tools and knowledge to make better decisions about the use of medicines.



CORE PRODUCTS

- ▶ Behaviour change solutions: including academic detailing
- ▶ Evidence-based content for health professionals and consumers
- ▶ Prescribing data for quality improvement
- ▶ eHealth & decision support tools



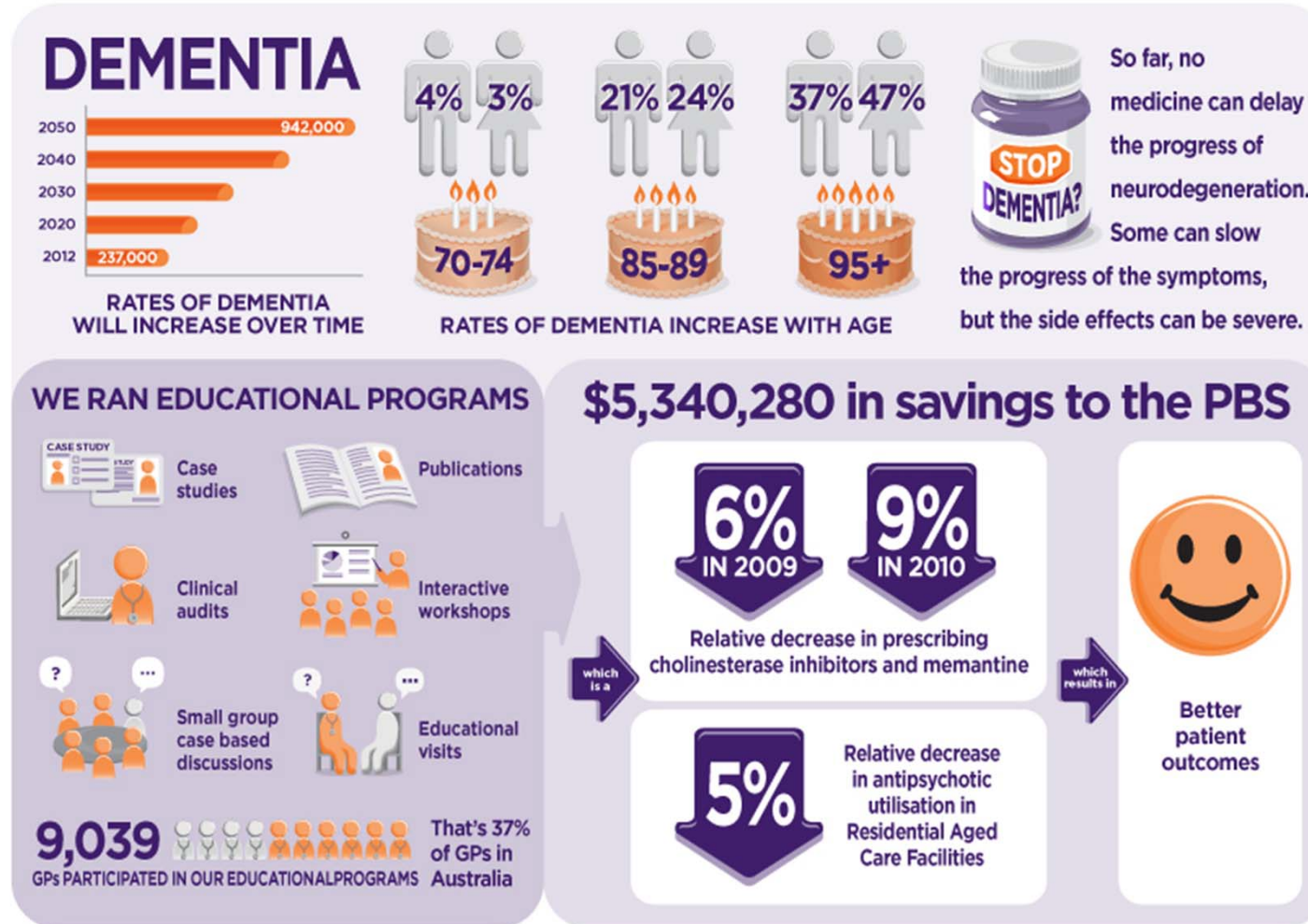


OUR TRACK RECORD

- ▶ Demonstrated changes in prescribing and test ordering
- ▶ Generated \$500 million in reduced drug costs
- ▶ Educational programs reach over half of all Australian GPs each year
- ▶ Consumer campaigns have made small inroads to consumer awareness and attitudes

OUR WORK IN PRACTICE

BEHAVIOUR CHANGE SOLUTIONS CASE STUDY: DEMENTIA



PBS: Australian Government Department of Health and Ageing's Pharmaceutical Benefits Scheme

OUR WORK IN PRACTICE

BEHAVIOUR CHANGE SOLUTIONS CASE STUDY: DIABETES

TYPE 2 DIABETES

APPROXIMATELY
1 IN 23
AUSTRALIANS SUFFER
FROM TYPE 2 DIABETES



WE RAN EDUCATIONAL PROGRAMS IN 2005 & 2008



14% increase in metformin prescribing
↓
reduces complications and EMERGENCY

↑ costs more
but... increases life expectancy
which

“ Note that medical interventions that are both cost saving and effective in prolonging life are comparatively rare ”

SAVES
\$1,600
per patient
over 10 years

\$40
MILLION
in savings
to the PBS

→ **15%** ↓
which is a
annual decrease in
glitazone prescribing

→
Better
patient
outcomes

PBS: the Australian Government Department of Health and Ageing's Pharmaceutical Benefits Scheme

OUR WORK IN PRACTICE

Independent review of 2 cardiovascular programs demonstrated:

Treatment of AF

1.27% (95% CI, 1.26%–1.28%) ↑ aspirin

0.63% (95% CI, 0.62%–0.64%) ↑ warfarin in the veteran's with AF 6 & 12 months post program

Management heart failure

3.69% (95% CI, 3.67%–3.71%) ↑ low-dose spironolactone

4.31% (95% CI, 4.27%–4.35%) ↑ echocardiogram tests 12 months after the intervention

Gadzhanova SV, et al. Improving cardiovascular disease management in Australia: NPS MedicineWise. Med J Aust 2013; 199 (3): 192-195



QUESTIONS

Contact

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You can find more information and examples of our work at www.nps.org.au