



The SIPA2 Study:

Developing product, service and educational resources to promote safe and effective medicine management of older people with sensory impairment (OPwSI)

**Dr Kirsten Broadfoot
Research Associate**

**Dr Peter Fuzesi
Research Associate**

**Strathclyde Institute of Pharmacy and Biomedical Sciences &
Computer and Information Sciences**

Older People in the UK

- Currently 12.3 million (1 in 5 people) are 65 years or over; this will be nearly 20 million (1 in 4 people) by 2050.
- Older people tend to have multiple health problems as well as hearing and/or visual loss which becomes worse as they age.
- Older people also use several medicines increasing their risks of harms and problems such as confusion, falls and medicine failure (compared with younger individuals).

Sensory Impairment: Visual and/or Hearing Loss

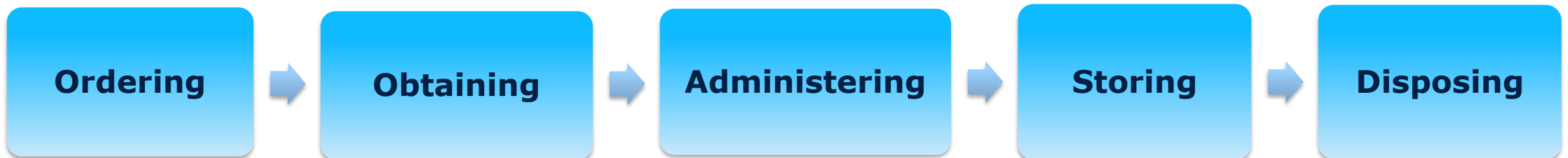
- By 2035, over 15 million people will have hearing loss.
- By 2030, 2.7 million people will have visual loss compared to 1.9 million people currently.
- By 2030, over 0.5 million will have both hearing and visual loss (dual loss).

SIPA2: Improving the pharmaceutical care of older people with sensory impairment

The project aims to:

- reduce medicine-related harm and hospitalisations
- improve life expectancy and wellbeing for older people with sensory impairment

through better and safer medicines management.



SIPA2: Improving the pharmaceutical care of older people with sensory impairment



1) Improve the safe and effective use of medicines by OPwSI:

- Market review of existing assistive products and resources.
- Scoping review of existing research on assistive products and resources.
- Co-production of product and service specifications to address their challenges.

SIPA2: Improving the pharmaceutical care of older people with sensory impairment



Remarkable
research for
healthy ageing
THE DUNHILL MEDICAL TRUST

2) Greater awareness amongst HSCPs of OPwSI and the resources available to support their medicines management:

- Online training for health and social care professionals and guidelines for service improvement.

SIPA2: Improving the pharmaceutical care of older people with sensory impairment



Remarkable
research for
healthy ageing
THE DUNHILL MEDICAL TRUST

- 3) Contractual changes for enhanced pharmaceutical care of OPwSI:
- When contracting pharmacy services, Quality Payment Schemes in Scotland could incorporate accessibility criteria for people with sensory loss.

Acknowledgments

- The SIPA2 research team partners with a significant Project Advisory Group, comprised of the following members:
 - 3 patient and public representatives from Scotland
 - 2 General Practitioners (1 England, 1 Scotland)
 - Policy leads for the Assisted Communication Team, Scottish Government
 - Director of the Royal Pharmaceutical Society (Scotland)
 - CEO, Community Pharmacy Scotland and Trustee for Action on Hearing Loss
 - Executive Manager of Highland Sensory Organisation
 - Director of Strategy and Engagement, Health and Social Care Alliance Scotland
 - Associate Postgraduate Pharmacy Dean, NHS Education for Scotland
 - Professor of Digital Health and Care, University of Strathclyde
 - Learning Enhancement Manager, University of Strathclyde

Can you help with SIPA2?

We are looking for people:

- aged 65 years old or older
- who have some visual and/or hearing loss
- use prescription medicines regularly
- and live in Scotland

For more information, please contact sipbs-sipa2project@strath.ac.uk

Thank you!