

# Use of pharmacogenomic testing in aged care

ACTRN12624001073594

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<b>Status</b>	RECRUITING
<b>Sponsor</b>	The University of Sydney
<b>Enrollment</b>	200 participants

## Plain Language Summary

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This study looks at whether genetic testing can help improve medication safety for people living in aged care homes. Everyone processes medications differently depending on their genes — some people break down certain drugs too quickly, others too slowly, which can lead to side effects or the medication not working as expected. This type of testing is called pharmacogenomics.

Residents of aged care facilities will have their DNA collected with a simple cheek swab. The results are sent to a specialist company that creates a personalised report, which is then reviewed by a pharmacist who advises the resident's doctor on whether any medication changes might be needed. The study will also interview residents, staff, pharmacists, and doctors to understand what makes this kind of testing easy or difficult to roll out.

You may be eligible if you are currently living in a residential aged care facility, can communicate in English, and are willing to give consent (or have someone do so on your behalf). This study is about understanding whether this service is practical and worthwhile — it's not testing a new drug.

## Key Eligibility Criteria

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### Inclusion (3)

- Current aged care resident
- Proficient in the English language
- Willingness to give written informed consent (or provide consent through an authorised representative/guardian for residents/Phase 1 and 2A), and willingness to participate and comply with the study

### Exclusion (1)

- Unable to provide written informed consent, or consent through an authorised representative/guardian

## Locations (1 total)

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NSW, Australia

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12624001073594>

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