

Outcomes/confounders	Age	Sex	Age	Special interest in dementia	No. of years since graduated from medical school	Baseline period: cognitive assessment using MMSE	Baseline period: depression assessment using validated scale	Baseline period: reported suspicion of cognitive impairment	Baseline self-report of adherence to recommended behaviour	Baseline intention to adhere to recommended behaviour	Baseline behavioural constructs for primary outcome	Practice nurse involved in health assessments for people aged ≥75 years	Practice provides services for residential care facilities	No. practitioners per practice*	Geographic location of the practice*
Level confounder measured at	Patient level		GP level									Practice level			
GP behaviour															
Cognitive assessment using MMSE	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓
Depression assessment using validated scale	✓	✓	✓	✓	✓		✓					✓	✓	✓	✓
Referral to CDAMS or specialist	✓	✓	✓	✓	✓								✓	✓	✓
Referral for CT scan	✓	✓	✓	✓	✓								✓	✓	✓
Dementia diagnosis	✓	✓	✓	✓	✓								✓	✓	✓
Cognitive assessment using MMSE (all patients aged 70+ years)	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓
Reported suspicion of cognitive impairment (all patients aged 70+ years)	✓	✓	✓	✓	✓			✓				✓	✓	✓	✓
Dementia diagnosis (all patients aged 70+ years)	✓	✓	✓	✓	✓			✓					✓	✓	✓
Proxy measures of GP behaviour															
Self-report of adherence to recommended behaviour			✓	✓	✓				✓					✓	✓
Behavioural simulation to adhere to recommended behaviour			✓	✓	✓									✓	✓
Hypothesised mediators of GP behaviour															
Intention to adhere to recommended behaviour			✓	✓	✓					✓				✓	✓
Behavioural construct for primary outcomes			✓	✓							✓			✓	✓

\*Stratification variable.