

Study Protocol

Assessment Domain	Operationalization	Source of information
Domain A: Residents		
Identification	Study-ID	Data Manager
Sociodemographic data	age, gender, nationality, native language	Chart
Other Medical Diagnoses		Chart
Medication		Chart
Other health parameters	Teeth status, number of falls in the last six months, number of hospital stays	Chart
Cognition	Global Deterioration Scale (GDS) (Reisberg et al. 1985)	Researcher
	Mini Mental State Examination (MMSE) (Folstein et al. 1975)	Resident/Researcher
Dementia, Type, Stage	Alzheimer`s dementia, Vascular dementia, Other (e.g. Parkinson`s disease)	Chart
	Clock Test (Shulman et al. 1993)	Resident/Researcher
	Brief Cognitive Rating Scale (BCRS) (Reisberg et al. 1988)	Researcher
Functioning	Functional Assessment Staging (FAST) (Reisberg 1988)	Researcher
	KATZ Index of Independence in Activities of Daily Living (Shelkey et al. 1999)	Project Assistant/ Care Team
Mobility	Timed Get up and Go Test (Podsiadlo et al. 1991)	Resident/Researcher
Nutrition	Short form of the Mini Nutritional Assessment (MNA) (Rubenstein et al. 2001)	Project Assistant/ Care Team
Pain	Visual Analog Scale for Pain (VAS Pain) (Hawker et al. 2011)	Resident/Researcher
	Pain Assessment in Advanced Dementia (PAINAD) Scale (Warden et al. 2003)	Researcher
Behaviour	Behavioural Pathology in Alzheimer`s Disease Severity and Frequency weighted Severity Scale (BEHAVE-AD-FS) (Reisberg et al. 1989)	Project Assistant/Care Team
	The Empirical Behavioural Pathology in Alzheimer`s Disease Rating Scale (E-BEHAVE-AD) (Auer et al. 1996)	Resident/Researcher
Quality of Life	Quality of Life in Alzheimer's Disease (QOL-AD) (Logsdon 1996)	Resident/Researcher
	EuroQol (EQ) – 5D – 3L (Graf von der Schulenberg et al. 1998)	Resident/Researcher
Needs Assessment	The Thriving of Older People Assessment Scale (Bergland et al. 2015)	Resident /Researcher
	Personal interviews	Resident
Domain B: Care Team		
Sociodemographic data	age, gender, occupational group	Care Team
Person-Centred Care	The Person-Centred Care Assessment Tool (P-Cat) (Edvardsson et al. 2010)	Care Team
Burden	Professional Care Team Burden (PCTB) Scale (Auer et al. 2014)	Care Team
Needs Assessment	Focus group and personal interviews	Care Team
Domain C: Relatives of Residents		
Sociodemographic data	age, gender, relationship to relatives	Relatives
Number of Visits	Daily, Every 2 or 3 days, once per week/month, others	Relatives
Quality of Life	Quality of Life in Alzheimer's Disease (QOL-AD) Family Version (Logsdon 1996)	Relatives
Needs Assessment	Focus group	Relatives
Domain D: Environmental Factors		
Organisational category	State, private, church	Nursing Home Management
Size of institution	Number of organizational units, employees, rooms and residents.	Nursing Home Management
Room facilities	various listed facilities	Nursing Home Management
Social activities	Number/month, duration/unit, number of participants	Nursing Home Management
Care concept		Nursing Home Management