

Long-term advantages of

person-centred and integrated elderly care

Results of a longitudinal study on Embrace

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Background

Embrace is a population-based, person-centred, and integrated care service for community-living older adults that combines the Chronic Care Model with risk profiles based on a population health management model.

A multidisciplinary Elderly Care Team organizes and evaluates care and support. The intensity depends on the older adult's risk profile, with frail older adults and those with complex care needs receiving individual support.

Objective

Long-term outcomes

Overall and per risk profile

Methods



Study design & participants

- Longitudinal study
 - n=1308
 - Mean age 80.7 years (SD 4.6)
- Older adults (75+) receiving Embrace care
- Evaluation of change after 12, 24, 36 months compared to baseline

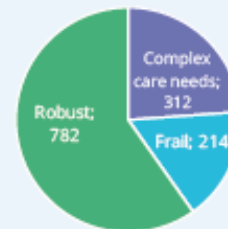


Outcomes

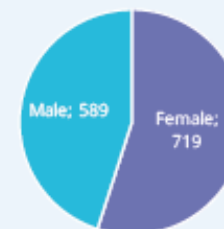
- Patient outcomes
- Quality of care
- Costs

Participants

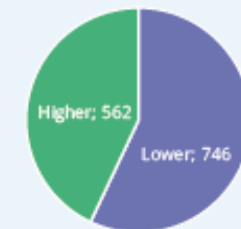
Subgroups



Gender



Educational level



Results

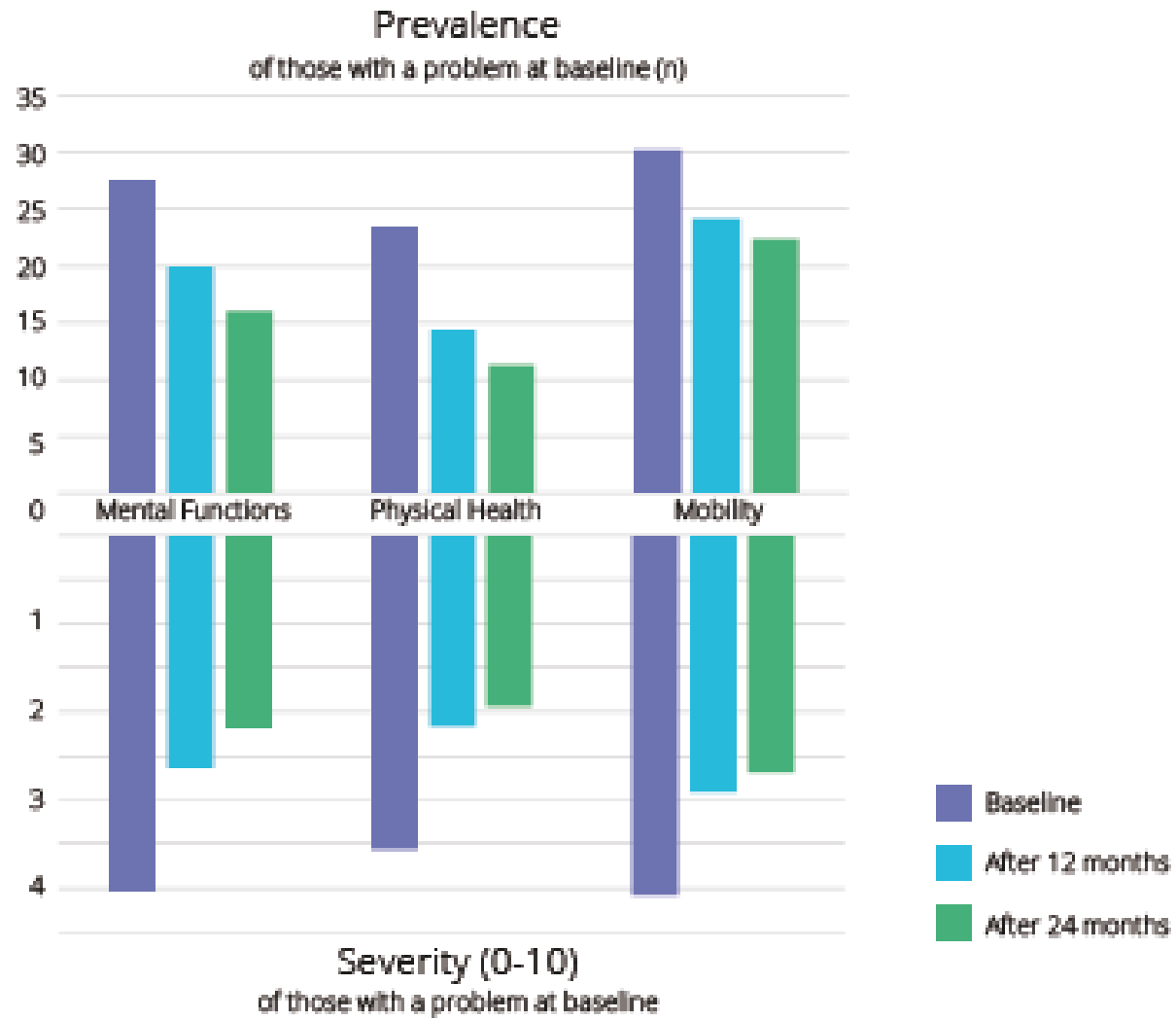


Changes compared to baseline

		Total group			Complex care needs			Frail *			Robust		
		12	24	36	12	24	36	12	24	36	12	24	36
General health	EQ-5D-3L	Blue	Blue	Pink	Blue	Blue	Blue	Blue	Blue	Pink	Red	Red	Pink
	EQ-VAS	Blue	Red	Blue	Blue	Blue	Green	Blue	Pink	Pink	Red	Pink	Pink
Complexity of care needs	INTERMED-E-SA	Blue	Blue	Pink	Green	Green	Green	Pink	Pink	Pink	Blue	Red	Pink
Frailty	GFI	Pink	Pink	Pink	Blue	Pink	Pink	Blue	Pink	Pink	Pink	Pink	Pink
ADL / IADL	Katz-15	Blue	Pink	Pink	Blue	Blue	Pink	Blue	Pink	Pink	Red	Pink	Pink
Wellbeing	GWI SF score	Red	Red	Pink	Blue	Blue	Blue	Pink	Pink	Pink	Red	Red	Pink
Quality of life	Compared to 1 yr ago	Blue	Red	Pink	Green	Green	Blue	Blue	Pink	Pink	Red	Pink	Pink
Self-management	PIH-OA	Green	Green	Green	Green	Green	Green	Green	Blue	Blue	Blue	Green	Blue
Quality of care	PAIEC	Green	Red	Blue	Green	Blue	Green	Blue	Pink	Blue	Green	Blue	Blue
Costs	Total	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Pink	Blue	Blue	Blue	Pink
	Zvw	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Pink
	AWBZ	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Pink	Blue	Blue	Blue	Blue
	Wmo	Blue	Green	Blue	Blue	Green	Green	Blue	Blue	Blue	Blue	Blue	Blue

- No change
- Statistically significant, but not clinically relevant deterioration
- Clinically relevant (and statistically significant) deterioration
- Statistically significant, but not clinically relevant improvement
- Clinically relevant (and statistically significant) improvement

* Only part of the frail older adults received individual support as intended in Embrace



Sample: older adults who received 24 months of individual support and completed three assessments with the Geriatrics (n=51)





Conclusion

- Long-term outcomes of Embrace are beneficial, particularly for older adults with complex care needs
- It seems that Embrace has halted the declining trends in general health and well-being associated with ageing, as well as the related costs increase
- Implementation of Embrace among frail older adults needs attention and can be improved

Look back Embrace-related presentations

264 Goal planning person-centred care supports older adults to attain their health-related goals

405 Improving self-management of health through an eHealth application: an action-based study among older adults living in the community

457 Development of the GeriatrICS, an ICF-based and person-centred assessment tool for the evaluation of health related problems in community living older adults

458 Results of a cross sectional study on health-related problems of community-living older adults using the GeriatrICS, an ICF-based assessment tool