



TRIAL-BASED COST-EFFECTIVENESS OF “PARTNER IN BALANCE”, A BLENDED DEMENTIA CAREGIVER SUPPORT PROGRAM

THE ANALYSIS PLAN & BASELINE RESULTS

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BACKGROUND

- › Informal caregivers are essential in dementia care.
- › Many experience caregiver burdens¹ and insufficient support².
- › Blended care interventions are potentially cost-effective strategies to support caregivers³.

PARTNER IN BALANCE

- › Blended e-health program⁴ guided by a Partner in Balance coach.
- › Enhancing caregiver self-management & empower caregivers.
- › Significant increases self-efficacy, mastery, and quality of life⁵.

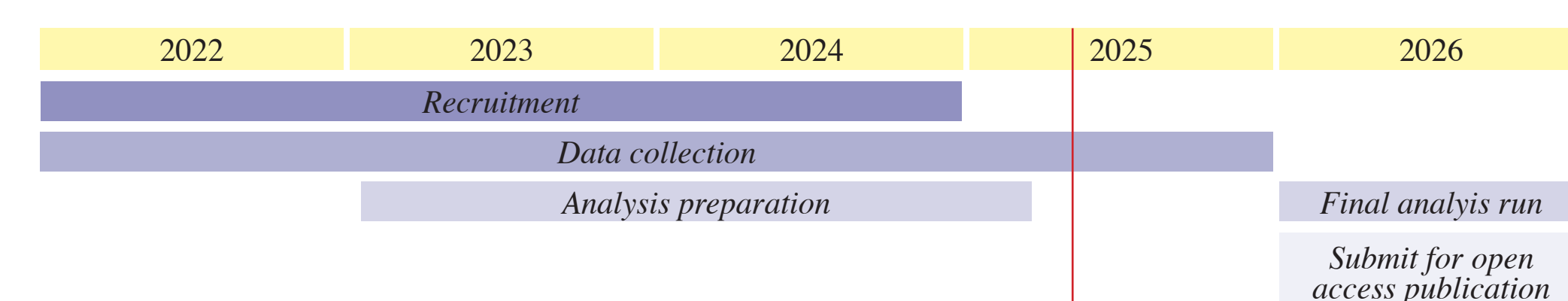


TRIAL DESIGN

(2022-2027)

- Goal:** Collect cost-effectiveness data to guide reimbursement decisions.
- Design:** Pragmatic cluster RCT. Intervention (PiB) vs. usual care.
- Participants:** 116 Informal caregivers of early-stage dementia.
- Recruitment:** By local Dutch care professionals in primary care.
- Follow-up:** 0, 3, 6, and 12 months.

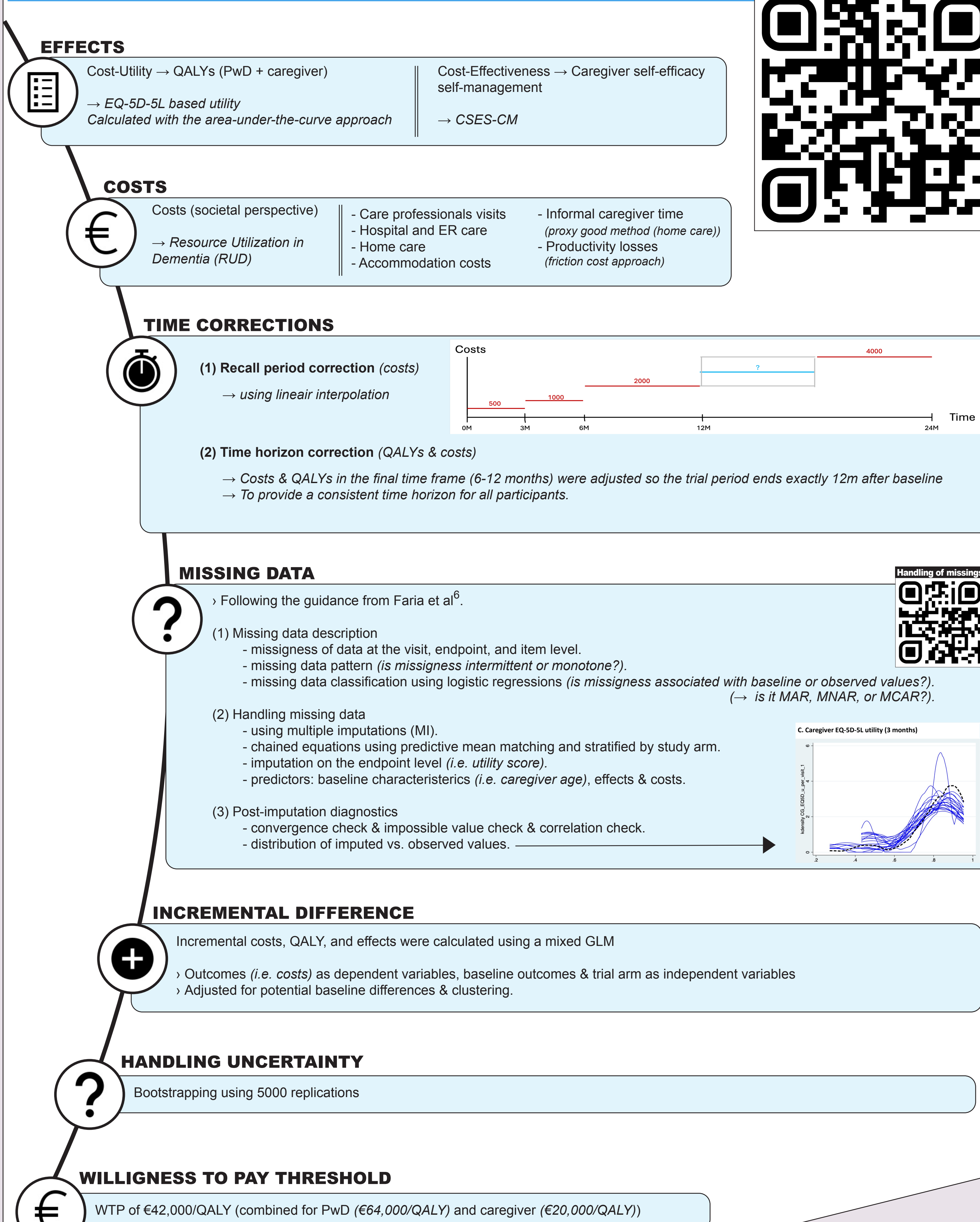
Trial status:



SOURCES

- 1 Sallim AB, et al. Prevalence of mental health disorders among caregivers of patients with Alzheimer disease. J Am Med Dir Assoc. 2015
- 2 Jonsson L. The personal economic burden of dementia in Europe. Lancet Reg Health Eur.
- 3 Boots LM, et al. A systematic review of Internet-based supportive interventions for caregivers of patients with dementia. Int J Geriatr Psychiatry. 2014
- 4 Boots LM, et al. Development and initial evaluation of the web-based self-management program “partner in balance” for family caregivers of people with early stage dementia: an exploratory mixed-methods study. JMIR Res Protoc. 2016
- 5 Boots LM, et al. Effectiveness of the blended care self-management program “Partner in Balance” for early-stage dementia caregivers: study protocol for a randomized controlled trial. Trials. 2016
- 6 Faria R, et al. A guide to handling missing data in cost-effectiveness analysis conducted within randomised controlled trials. Pharmacoeconomics. 2014

ANALYSIS PLAN



BASELINE RESULTS

(n=112)

70 years old (SD=10)
73% is female
83% lives together with PwD
82% are spouses
67% are the only caregivers involved in the care situation

Informal caregiver

Quality of life (EQ-5D-5L) utility-score of 0.81 (0.13)
Medical care costs* €226 (398)
Productivity losses* €65 (267)
Self-efficacy (CSES-CM) 27.7 (8.9)
scale ranges from 5-50, higher score, greater self-efficacy

76 years old (SD=7)
37% is female
Dementia severity (QDRS cognition) 4.0 (SD=1.9)** (MCI phase)

Person with dementia

Quality of life (EQ-5D-5L) utility-score of 0.66 (0.23)
Medical care costs* €547 (688)
Informal care costs* €2,071 (2,980)
Accommodation costs* €2 (16)

TOTAL (PwD + informal caregiver)

Total costs (societal)*
€2,911 (3,660)

Total utilities (EQ-5D-5L)
1.48 (0.29)

*costs in the last 30 days
**significant difference at the 0.05 level



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