**Supplementary File 4:** Intervention costs

The intervention costs were calculated per participant by multiplying the number of hourly sessions in the BrainACT or active control intervention by the unit price of the corresponding type of care professional that delivered the sessions. The unit prices for the different types of healthcare professionals who delivered the interventions in euro (€) were adopted from the 2014 Dutch guidelines (1) and inflation-adjusted (factor of 1.22) to 2022 using the Dutch consumer price index (2). See Table 1 for an overview of the unit prices for healthcare professionals. Both the BrainACT intervention and comparator had a planned number of eight one-hour sessions per participant. However, not everyone received the planned number of sessions.

**Table 1.** Unit prices for healthcare professionals who delivered the interventions.

|  |  |  |
| --- | --- | --- |
| Care professional | Unit | Cost per unit  (€, 2022)\* |
| Medical assistent | Hours | 40.3 |
| Basic psychologist | Hours | 78.2 |
| Health psychologist | Hours | 114.8 |
| Clinical psychologist | Hours | 114.8 |
| Occupational therapist | Hours | 40.3 |
| Cognitive trainer | Hours | 40.3 |
| Cognitive rehabilitation therapist | Hours | 40.3 |
| *\*Prices are adopted from the Dutch guidelines for cost calculations in healthcare. All unit prices are after inflation correction from 2014 to 2022.* | | |

Number of sessions

The number of sessions varied per participant. In the BrainACT arm, participants attended a mean of 7.1 sessions (SD=2.2) and the active control arm had a mean of 6.5 sessions (SD=2.5).

Healthcare professionals

The 36 participants in the active control arm received the intervention from the following healthcare professionals: basic psychologist (n=14, 36%), medical assistant (n=6, 17%), occupational therapist (n=5, 14%), clinical psychologist (n=5, 14%), cognitive rehabilitation therapist (n=2, 6%), cognitive trainer (n=2, 6%), and the other participants did not receive any sessions due to dropping out (n=2, 6%).

The 36 participants in the BrainACT arm received the intervention from the following healthcare professionals: health psychologist (n=22, 61%), clinical psychologist (n=8, 22%), basic psychologist (n=4, 11%), and the other participants did not receive any sessions due to dropping out (n=2, 6%).

Intervention costs

Mean intervention costs were higher in the BrainACT arm (€783, 95%CI €696 to 870) compared to the active control arm (€437, 95%CI €351 to 522).

**SOURCES**

1. Hakkaart L, Linden Nvd, Bouwmans C, Kanters T, Tan SS. Richtlijn voor het uitvoeren van economische evaluaties in de gezondheidszorg. Rotterdam (NL): Zorginstituut Nederland; 2016; Available from: <https://www.zorginstituutnederland.nl/publicaties/publicatie/2016/02/29/richtlijn-voor-het-uitvoeren-van-economische-evaluaties-in-de-gezondheidszorg>.

2. StatLine. Consumentenprijzen; prijsindex 2015=100. 2023; Available from: <https://opendata.cbs.nl/statline#/CBS/nl/dataset/83131NED/table?ts=1659349970434>.