



TOVERTAFEL
the magic table

The interactive light projections
of the Tovertafel Original move
people with moderate to severe
dementia

Our mission:
**10 million moments
of happiness**
in healthcare!

The result of scientific research

In 2009, industrial designer Hester Le Riche began her PhD research at the TU Delft. Her ambition was to design a product that helps break through apathy for people with late-stage dementia. After years of research and design sessions with care experts, residents of nursing homes and their family members, the Tovertafel Original emerged.



Dr. Hester le Riche



Tovertafel Original moves people

Doing something fun and active together: it seems simple but for many people with dementia and their loved ones it poses a real challenge. In the later phases of dementia, people can become withdrawn and suffer from apathy. This, while staying active and social interaction is so important for quality of life.

The Tovertafel Original breaks through that apathy in a novel and effective way by inviting people with dementia and those around them to play together with beautiful, interactive light projections. And it appears that you are never too old to play!

Playing with interactive light projections

The Tovertafel is a box, hung from the ceiling, for instance above the familiar dining table. In the box are, among other things, a high-quality projector, infrared sensors, a loudspeaker, and a processor, that work together to project the interactive games onto the table. The device doesn't take up space and leaves the familiar living environment intact.

With a single press on the button, you turn on the Tovertafel and begin the activity. Because the Tovertafel is connected to the internet, new games and software updates can be installed without much effort.



Effects on participating players

- Increases physical activity (1,3,4)
- Breaks through apathy (1,3,5)
- Reduces restless and tense behavior (2,3,4,5)
- Reduces negative emotions and increases positive emotions (1,3,4,5)
- Increases social activity and contributes to more fun (3,4,5)

Effects on care workers

- Improves the relationship between care workers and residents (4,5)
- Promotes interaction and helps to make contact (4,5)
- Increases work pleasure (3,4)

Effects on family and friends

- Increases fun during visits (4,5)
- Increases possibilities for activities during visits. (4,5)



Continuous development

Co-design: developed together with the target group

We develop and test our products closely together with the people for whom the Tovertafel is made. Our co-design activities consist of creative sessions and game tests with care personnel, therapists, family and people with dementia. We continually translate their practical insights into the (further) development of the games – so that they seamlessly fit in with the target group.

Scientifically proven effective

Research is still an important pillar for the development and evaluation of the Tovertafel. In cooperation with universities all over the world, research is being conducted into how the Tovertafel can contribute to a better quality of life for people with dementia. Various scientific studies and effect studies show effects for residents, care personnel and relatives. The outcomes for care personnel show that playing with the Tovertafel improves the interaction between the care worker and the resident. This has a positive effect and stimulates the relationship with residents (4,5).

" With the Tovertafel, elderly are activated and stimulated, both in body and mind."

Laurent de Vries - Chairman of the board Viattence

Referenzen

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2. Bruil L, Adriaansen MJM, Groothuis JW, Bossema ER. Kwaliteit van leven van verpleeghuisbewoners met dementie voor, tijdens en na het spelen met de tovertafel. Tijdschr Gerontol Geriatr 2017; 49(2):72-80. doi: 10.1007/s12439-017-0243-3
3. Kuipers M. The effect of Tovertafel Original on quality of life in elderly people with mid to late stage dementia. A qualitative study [Unpublished Master Thesis]. Leiden: Leiden University Medical Center; 2018.
4. Su Y. The Tovertafel: Evaluation of the Impact of the activating game on the Caregivers of People with Dementia [Unpublished Master Thesis]. London: University College London; 2018.
5. Good A, Omissade O, Ancient C, Andrikopoulou E. The use of interactive tables in promoting wellbeing in specific user groups. Submitted.

Training & service

We value quality and service and seek to unburden care workers with our extensive service where possible to give the Tovertafel a place in the familiar day activities.

- Our enthusiastic installers will come and install the Tovertafel, with great consideration for their surroundings.
- After purchasing the Tovertafel Original, one of our Tovertafel-buddies offers two months of additional support at your location.
- The Tovertafel hardware has a two-year warranty and its software is regularly updated.

Have we aroused your interest and would you like to experience what the Tovertafel can do for your residents and care personnel?

Contact us directly and request a free demonstration.

 www.tovertafel.com

 [@tovertafel](https://twitter.com/tovertafel)

 facebook.com/tovertafel

Benefits of the Tovertafel Original



Is proved to be effective
in **breaking through apathy**



Is the result of
scientific research



Is developed through
co-design and therefore fits in
perfectly with the target group



Is **hygienic** and leaves the
familiar environment intact



Is a **pioneer on the market** for
interactive games for people
with dementia. More than **3500**
locations in Europe are already
playing with the Tovertafel



Projects intuitive games
that **increase self-worth**

