How to transform healthcare systems to promote healthy aging

The Best Frailty Care (TOM) program



DANONE ·CCOSYSTEM

An aging population in the Netherlands

In the Netherlands, around 20% of the population is aged 65 or over



Aging comes with emotional, social and physical challenges with **fall** being one of the tipping points

In the Netherlands...



- 1/2 of 65+ fall once a year
- Falling is the **#1** cause of non-disease related death and injuries
- Falling can lead to a vicious circle
- Healthcare spending due to falls exceeded €1b in 2019

Today, our healthcare system and broader societies need to further focus on habits at home to prevent falls and promote healthy living.



That's why a **coalition** of public and private partners decided to join forces to **address those challenges**

The Best Frailty Care (TOM) program was born

How it works



Seniors join Best Frailty Care (TOM),

a 4-month program including



Nutrition Knowledge sharing about healthy eating and drinking, with help from dietitians



Community Group based activities





Exercise Customized and supervised by physiotherapists

Thanks to the program, seniors adopt new healthy habits leading to

Better quality of life

1/2 participants felt healthier at the end of the program

Better dietary habits

6/10 participants paid more attention to their diet

Better mobilty 9/10 participants gained strength

Leading to a positive impact on the whole ecosystem

6 months after the program, total falls were divided by half





The net costs of the program for keeping a participant in optimum health for one year of life is \bigcirc 17.000, **substantially lower** than the standard cost of \bigcirc 50.000 for society

+800 Healthcare professionals trained to implement the program





The program has positively impacted **+8000** seniors but also helped healthcare professionals and healthcare system stakeholders understand the **importance of fall prevention for seniors**

This is just the **beginning**...

The **coalition** is now **expanding to a** national level



Testimony



"My name is Ans. I'm 91 years old. I read an article about the Best Frailty Care (TOM) program in a local newspaper. I quickly registered to it, and I was happy to join. The group of seniors I joined was very nice to each other. Thanks to the program I learned how to better keep my balance and I also changed a few things in my diet. Among other things, I am making sure I eat enough protein a day. The program was a lot of fun! It made me a little bit more confident and I'm still reaping the benefits. I am happy to be independent."

Ans Shrover, 91 years old

Partners & roles



Training of involved professionals

Not for profit national Health Insurance Company, healthcare

Drive initiation network of the

DANONE ECOSYSTEM FUND

Brings co-creation spirit to the

Consultancy for social innovation

potential partners Knowledge on

VEILIGHEID NL

Fall prevention

plan specialist Project co-funding

Project co-funding

Strategic support

Project co-funding

nutrition

coalition

PURPOSE

Project Management Impact evaluation



Physiotherapists Dieticians Volunteers



PUBLAB Study of socio-cultural determinants of eating behaviour

WAGENINGEN UNIVERISTY Dietary assessment

7 LOCAL MUNICIPALITIES (E.g. ROTTERDAM, AMSTERDAM) Ensure local implementation

GRO-UP BUURTWERK Rotterdam Welfare

Sources:

- World Health Organization (2021). Step safely: strategies for preventing and managing falls across the life-course, [online] https://www.who.int/teams/social-determinants-of-health/safety-and-mobility/ step-safely.
- VeiligheidNL (2019). Key figures for accidental falls among the over 65 in 2019, [online] https://www. zorgvoorbeter.nl/valpreventie-ouderen/cijfers.
- United Nations Department of Economic and Social Affairs, Population Division. World Population Ageing 2020 Highlights: Living arrangements of older persons, [online] https://www.un.org/development/desa/ pd/news/world-population-ageing-2020-highlights.
- Bukman AJ, Ronteltap A, Lebrun M. (2020) Interpersonal determinants of eating behaviours in Dutch older adults living independently: a qualitative study. BMC Nutrition ;6:55.
- Toet H, Blatter B, Panneman M, Wijnstok N, Sprik E. (2019) Injury Information System Methods and applications. VeiligheidNL (https://www.veiligheid.nl/).
- Frazer SWT, van der Veen R, Baan A, Hermans MEW, Olij BF. (2021) Evaluation of Implementing TOM: A Group-Based Fall Prevention Programme among Community-Dwelling Older Adults in The Netherlands. 2021;18:6360.

