

Abstract Presentations

1. Charlotte Poot, The Netherlands

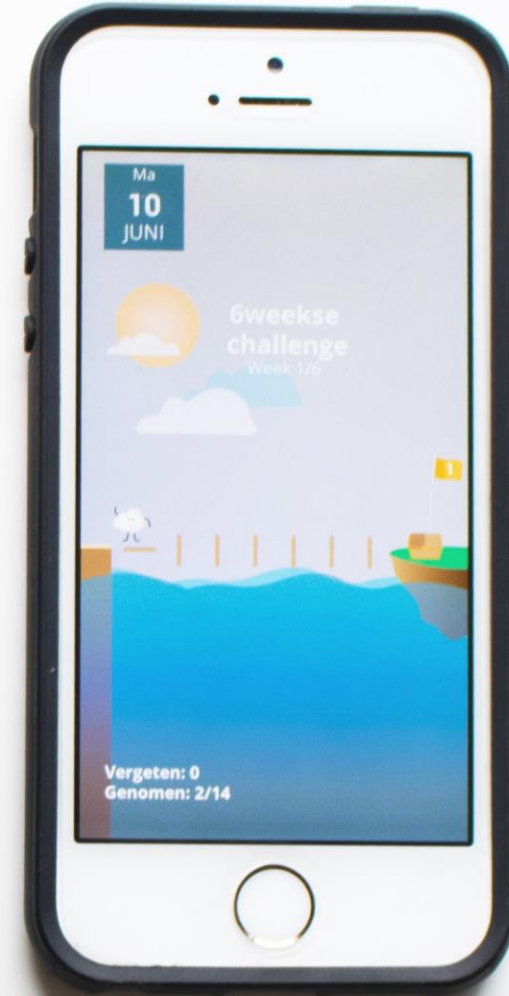
‘Ademgenoot’ - a serious game to motivate and empower asthma patients

‘Ademgenoot’

a serious game to motivate and empower asthma patients to adhere to their maintenance medication

Charlotte Poot, MSc | junior researcher

Jasmijn de Boer | design graduate student



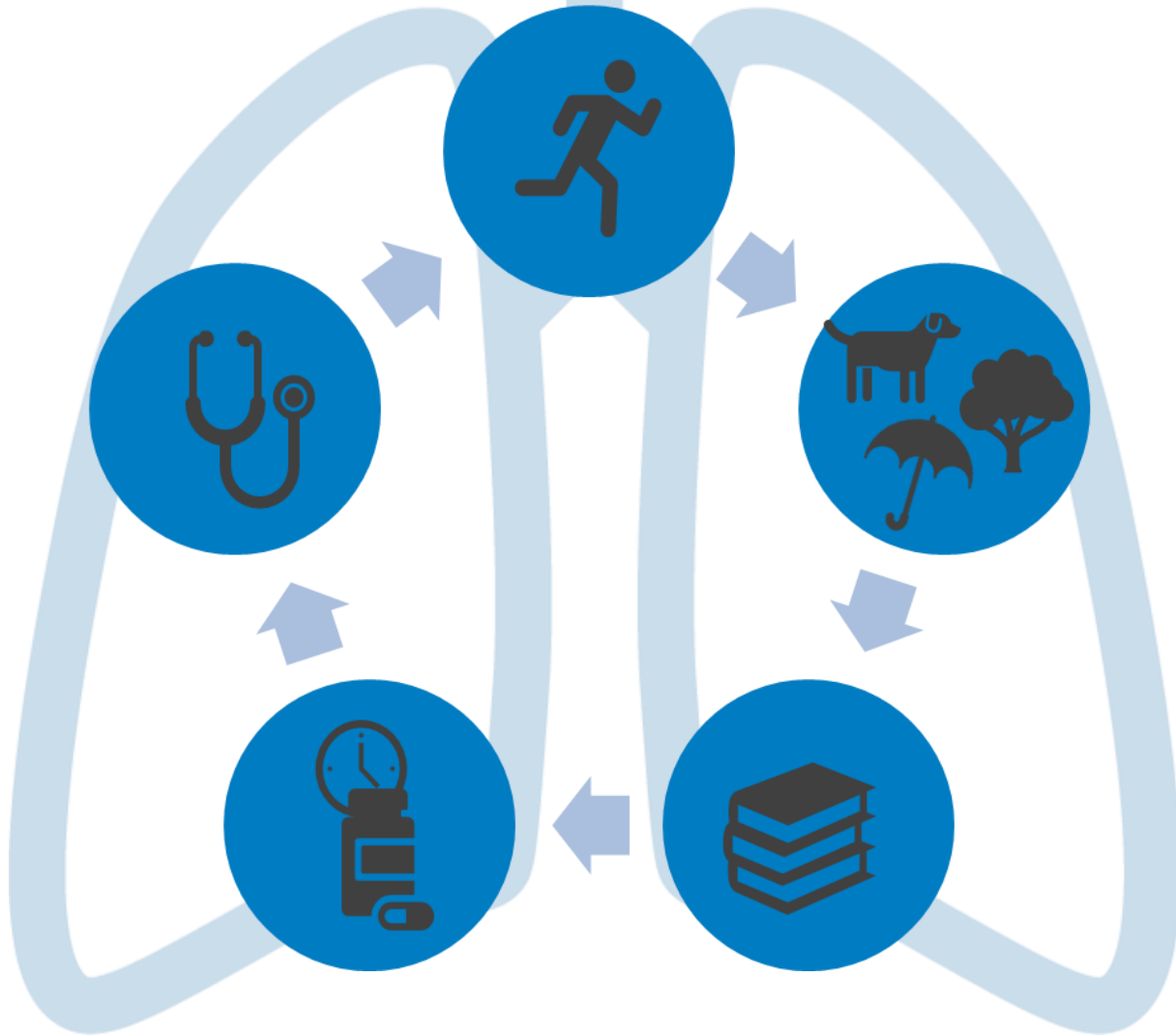
Disclosure

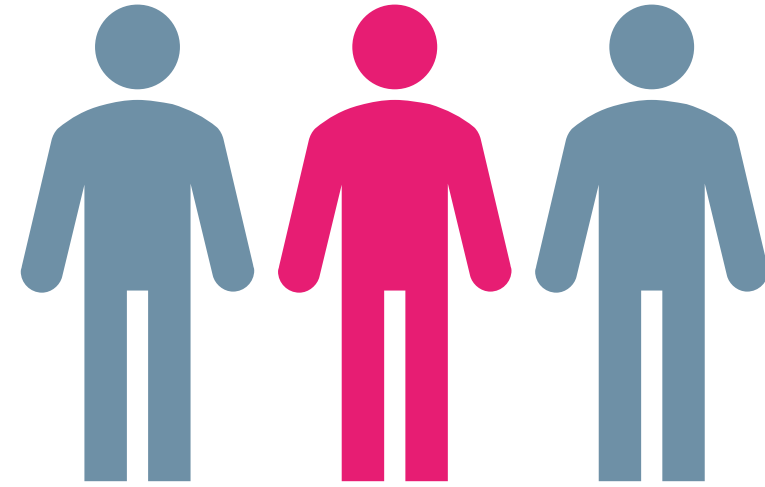
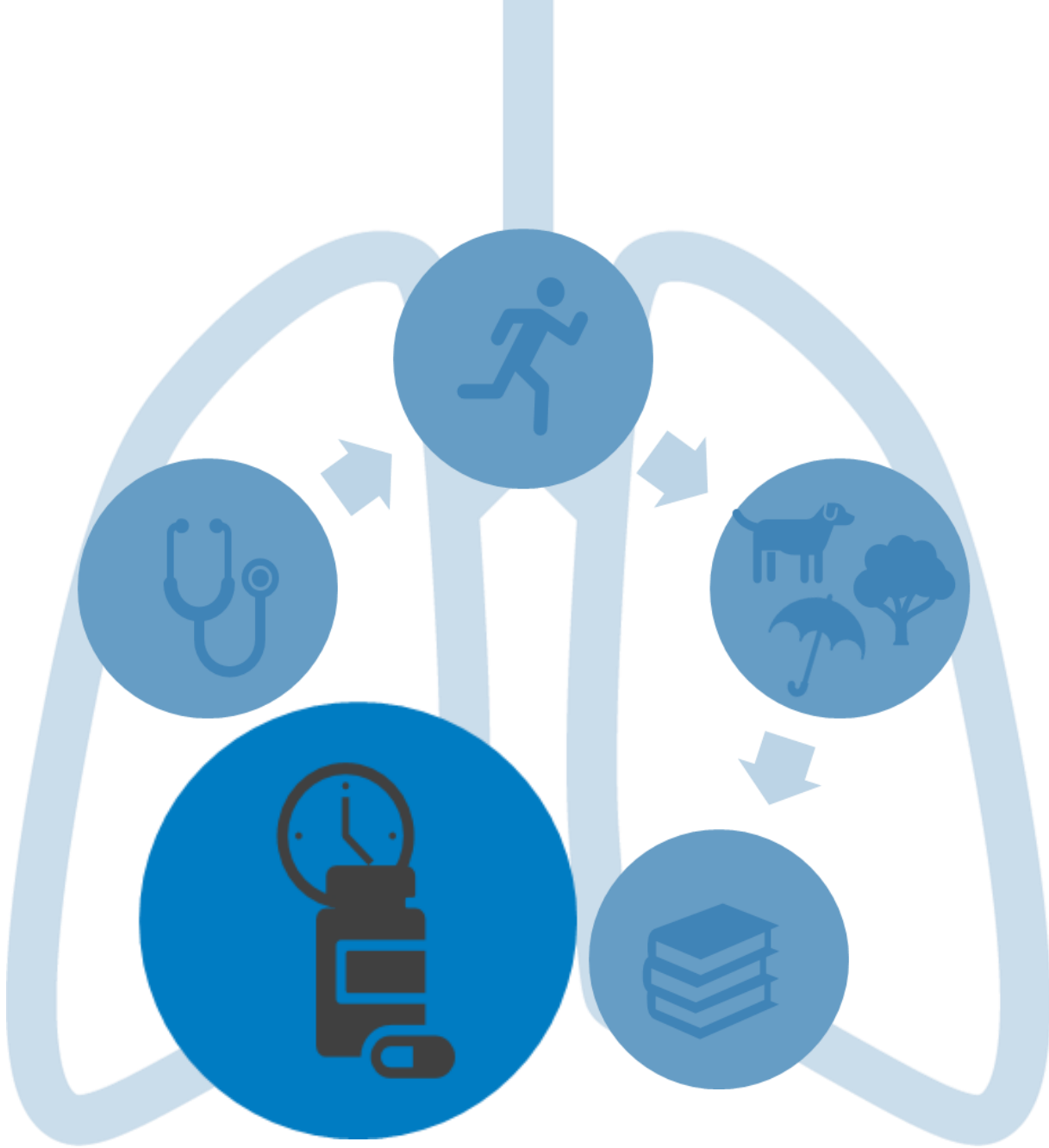
This study is funded by AstraZeneca.

The institutions of Prof. Niels Chavannes and Prof. Janwillem Kocks received consultancy fees from AstraZeneca for the research on Turbu+™.

All other authors declare that they have no competing interests.

Asthma self-management





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Show poor medication adherence

Waverijn, G., Spreeuwenberg, P., & Heijmans, M. (2014). Monitor zorg en leefsituatie van mensen met astma of COPD. Kerngegevens en Trends. Rapportage.

Non-adherence phenotypes

*The disadvantages
outweigh the advantages*

*I don't understand
the specifics*



Unwitting
Lack of knowledge

Intelligent
Lack of motivation

Erratic
Lack of ability

I forget...

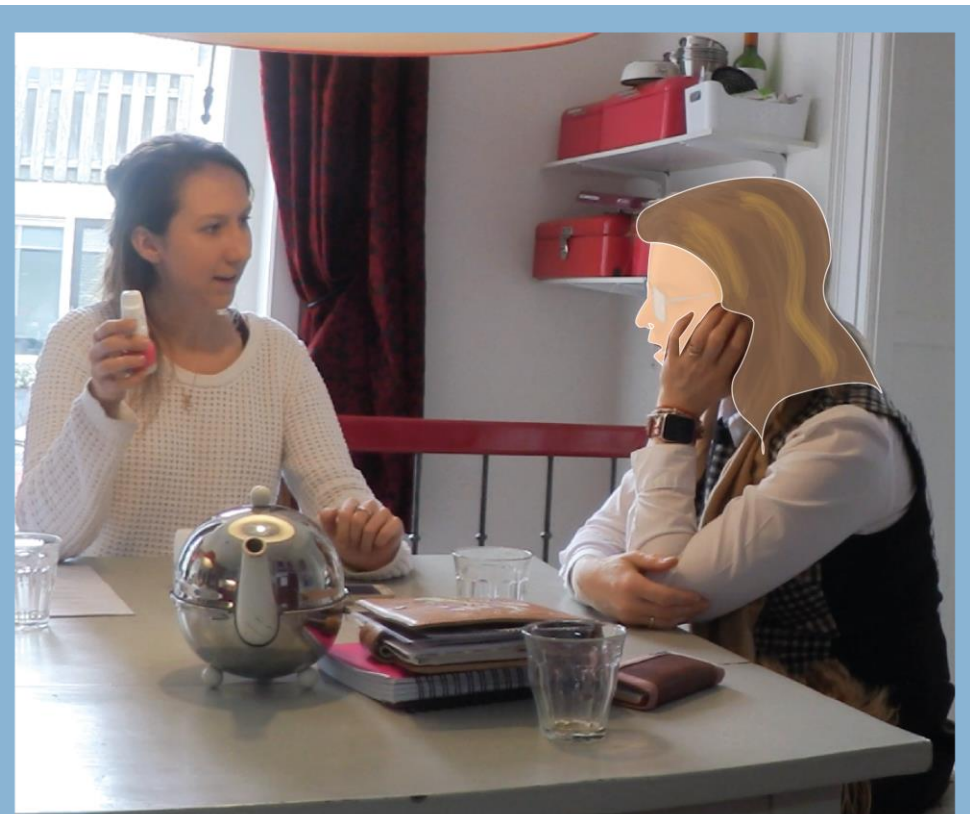
Study Objective

...development of a proof of concept for an asthma self-management eHealth intervention that **motivates patients** to adhere to their medication.

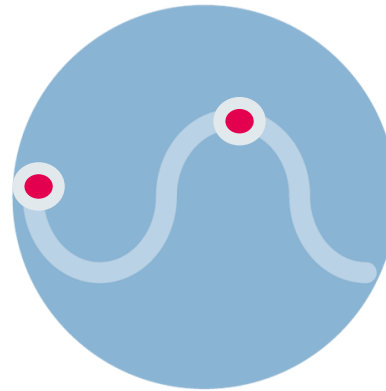


Intelligent
Lack of motivation

Field research



IN-DEPTH INTERVIEWS
people with asthma (n=12)
Health care professionals (n=4)

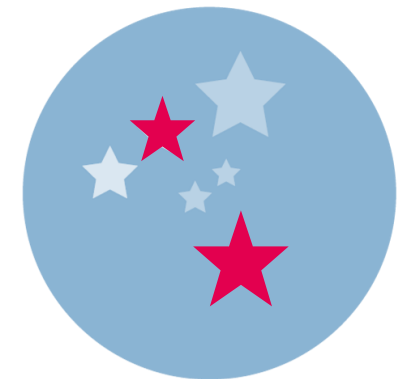


Feels episodic

Feeling well no meds

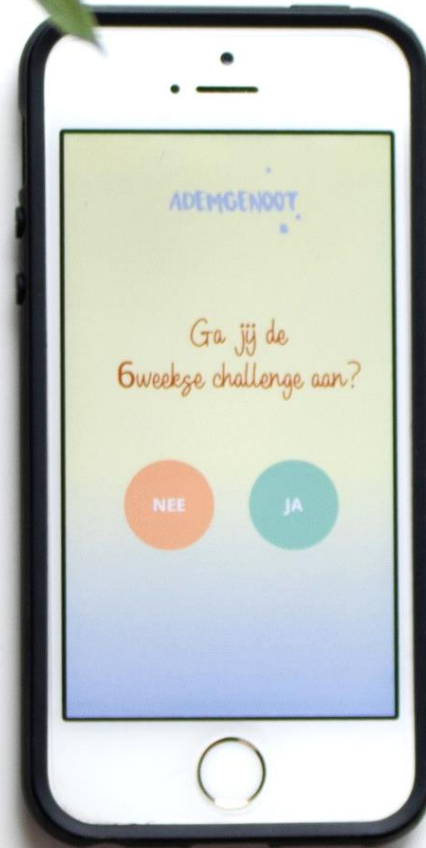


Used to limited lung
capacity



Lack of experience
effect

“Ademgenoot” a serious game aimed to empower patients by increasing awareness about their medication use, symptoms and triggers in a 6-week challenge.



A smart asthma inhaler

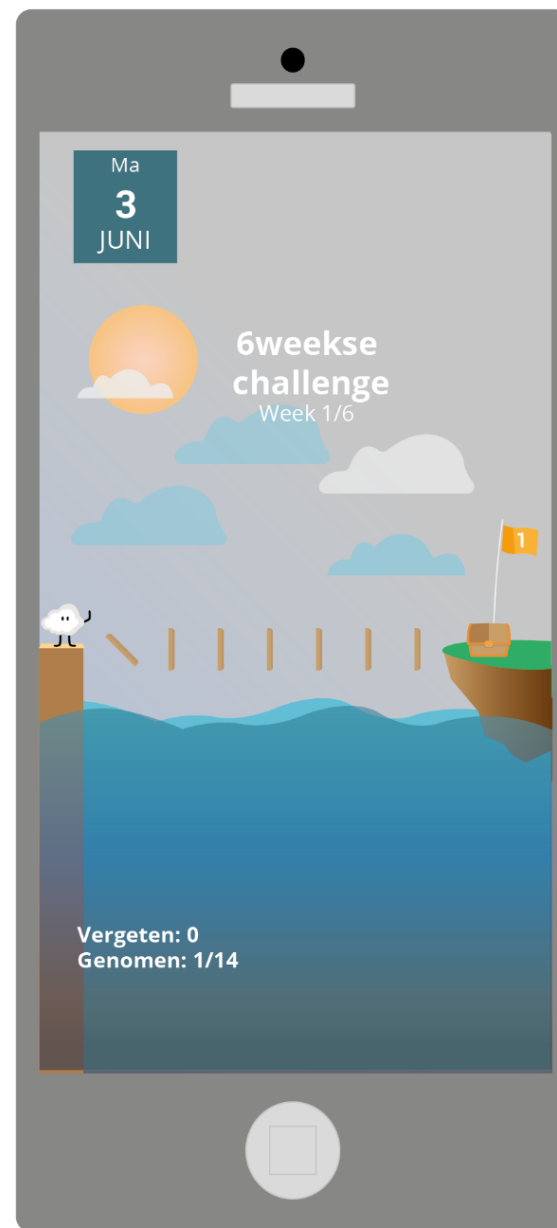
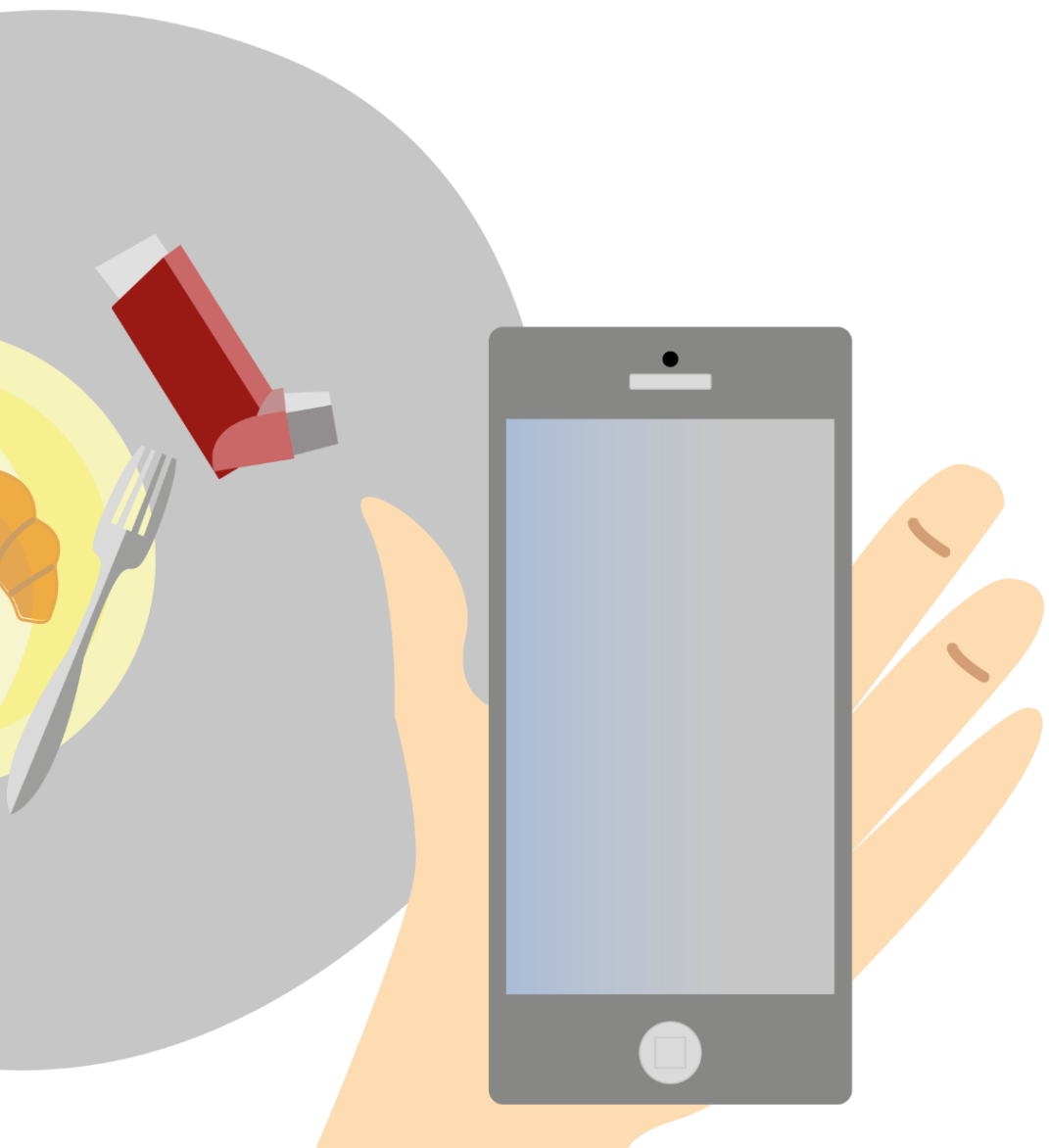


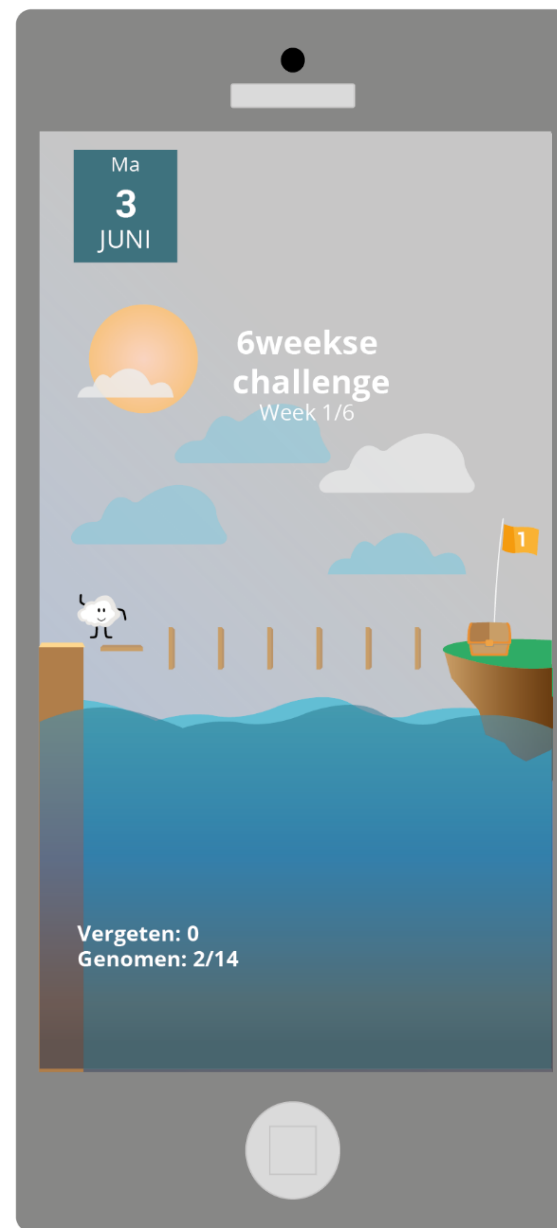
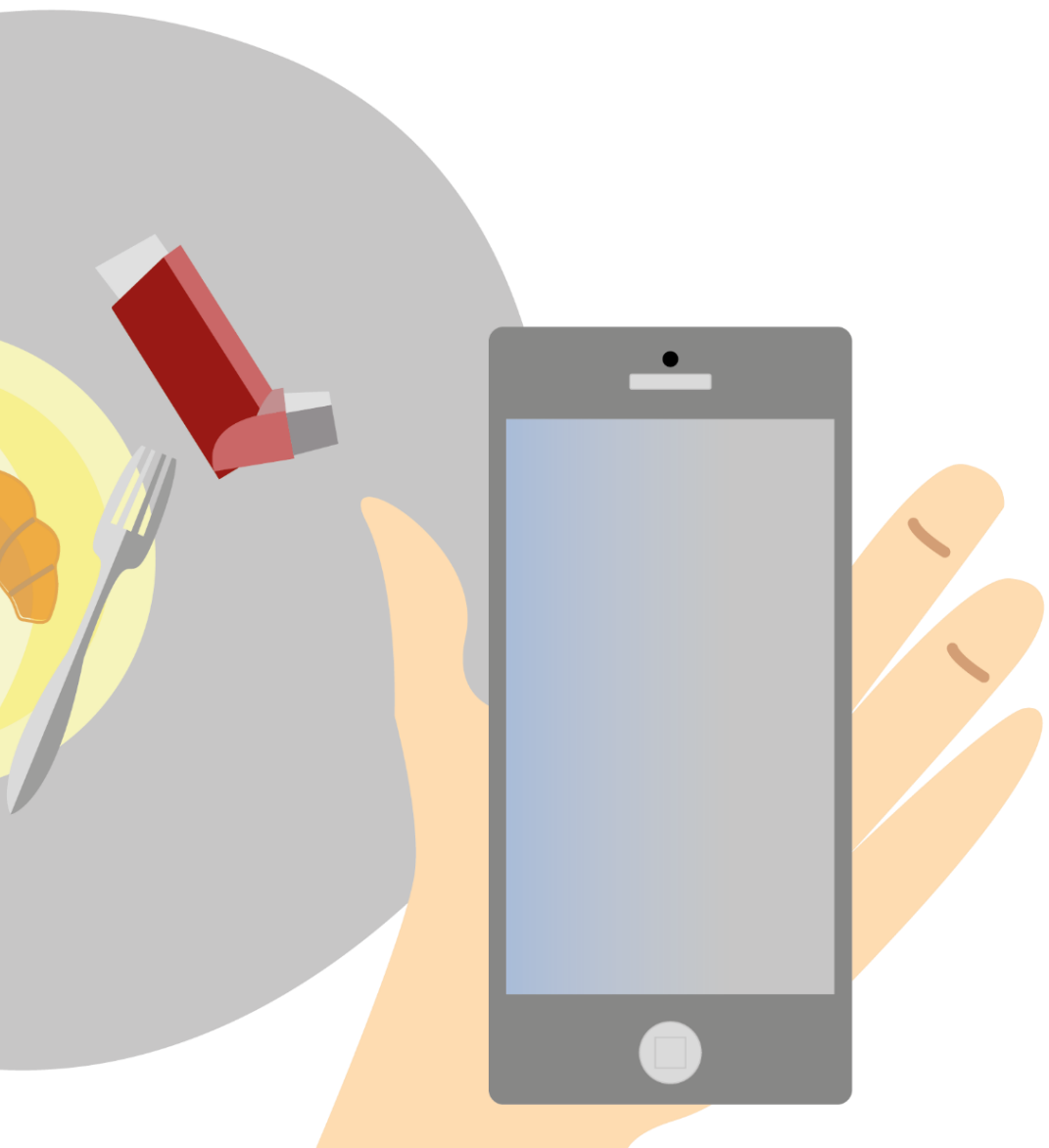
Electronic
monitoring device

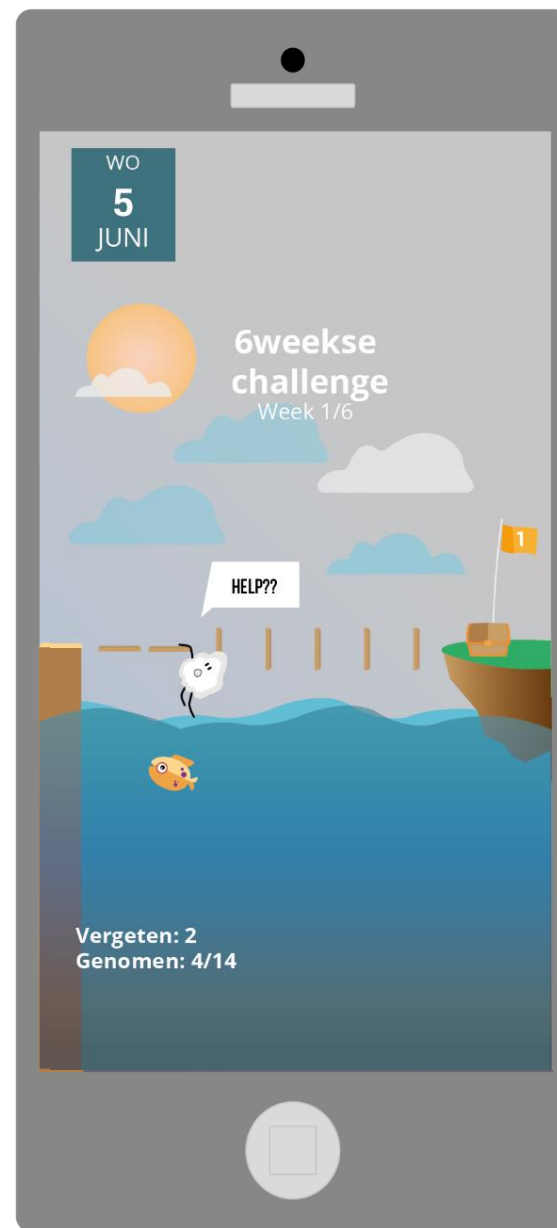
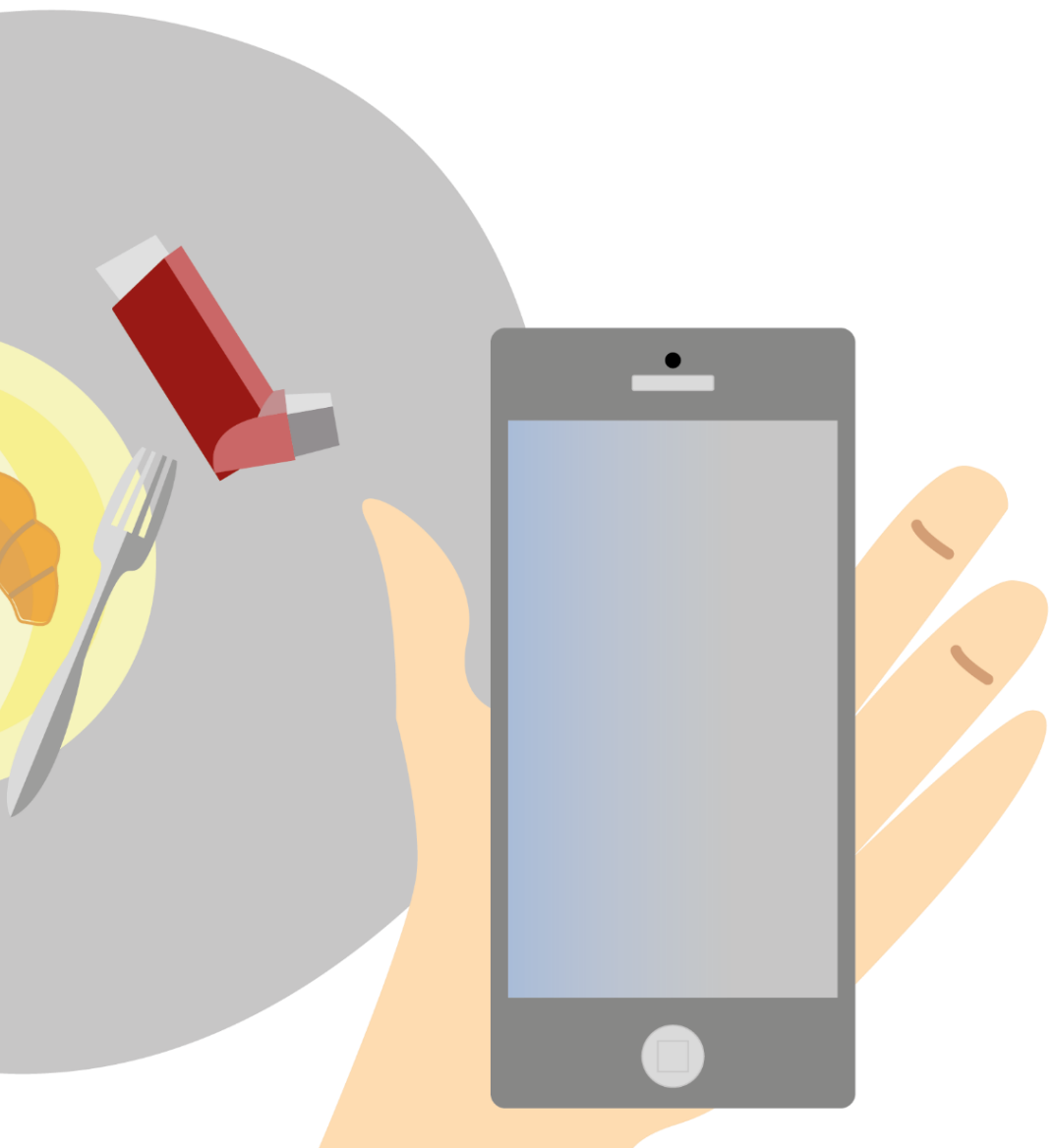
Inhaler

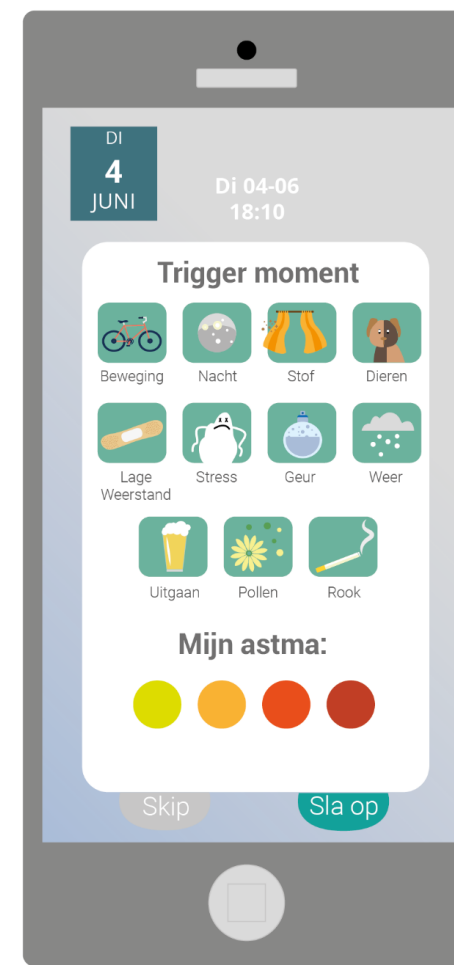
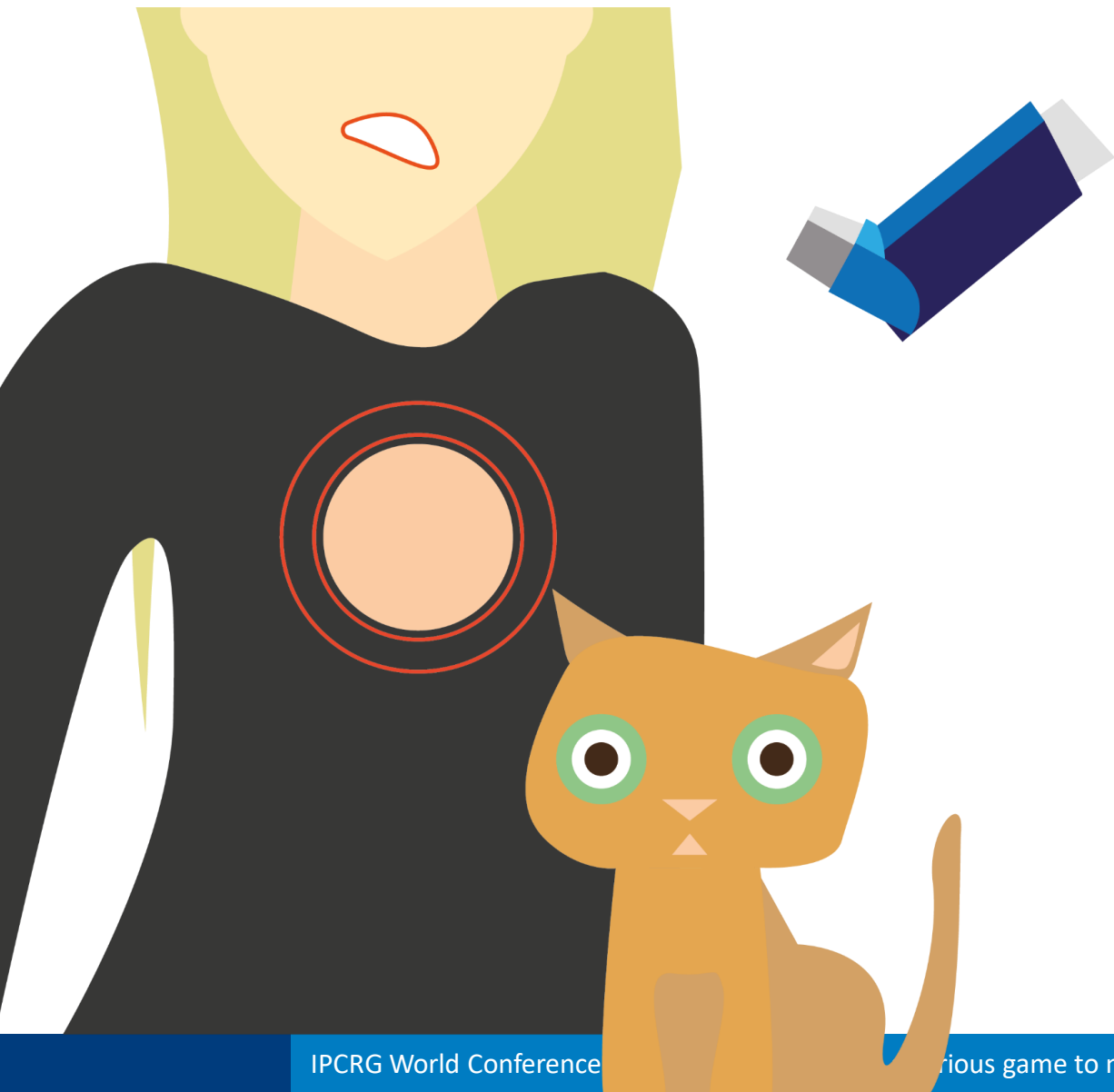
User interface

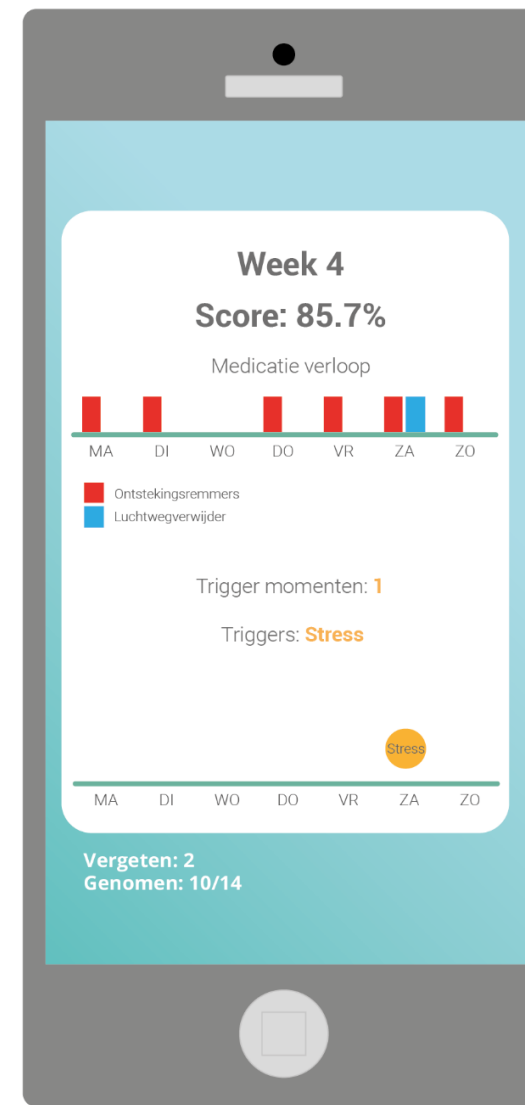
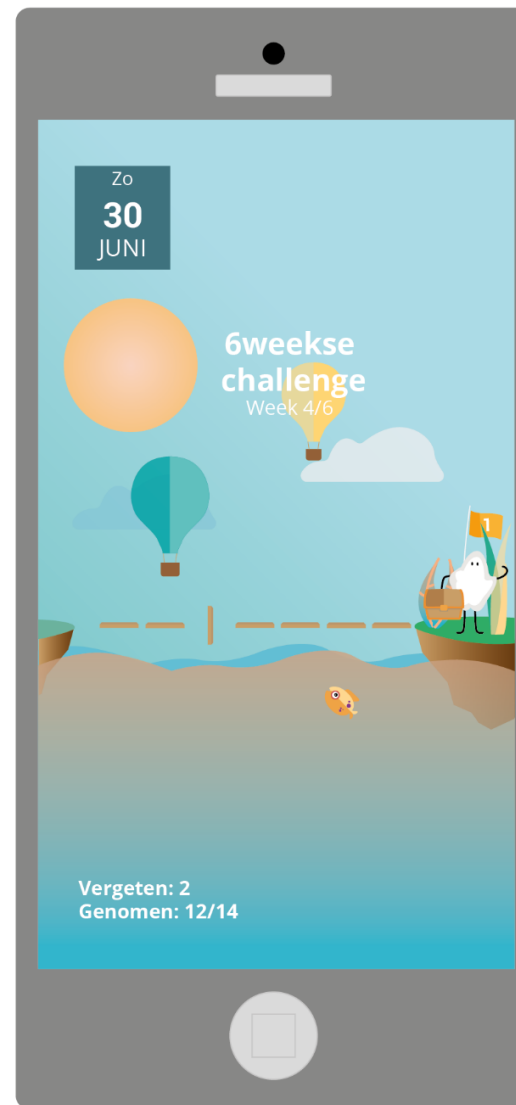
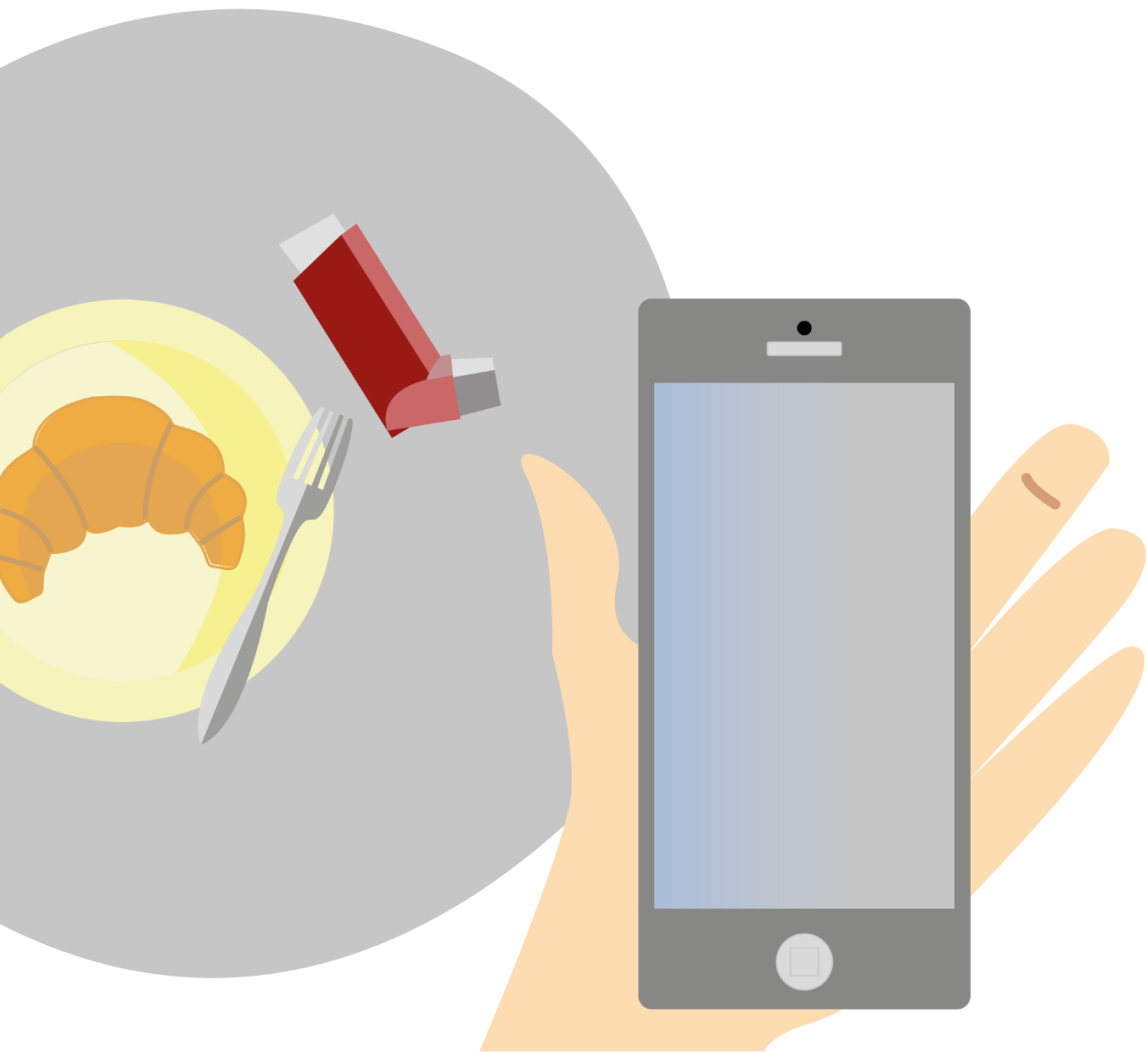




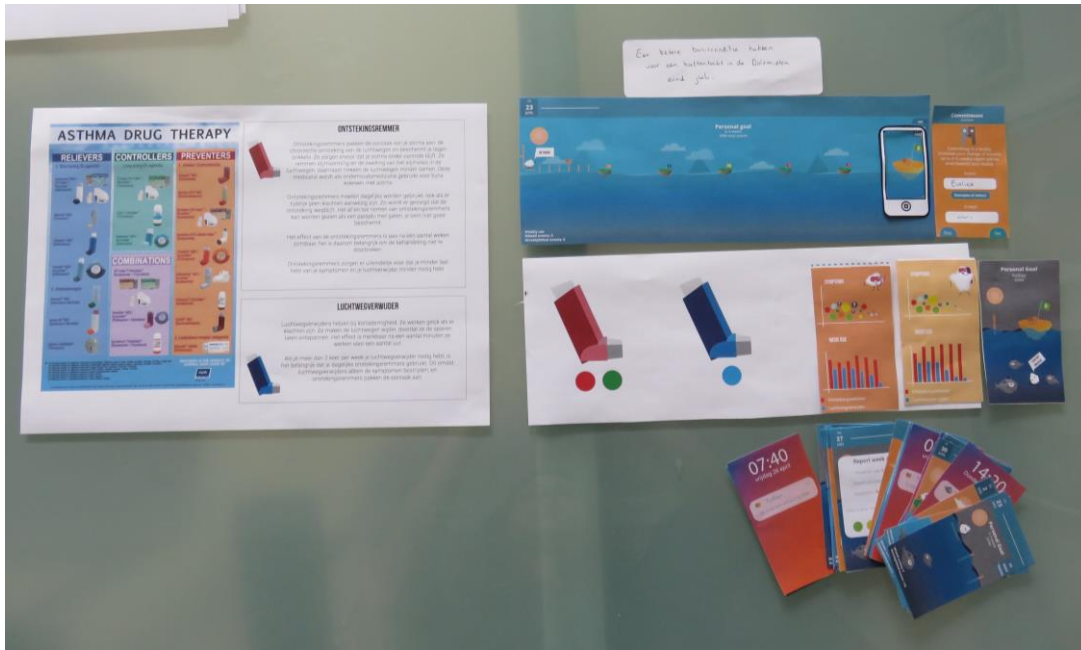




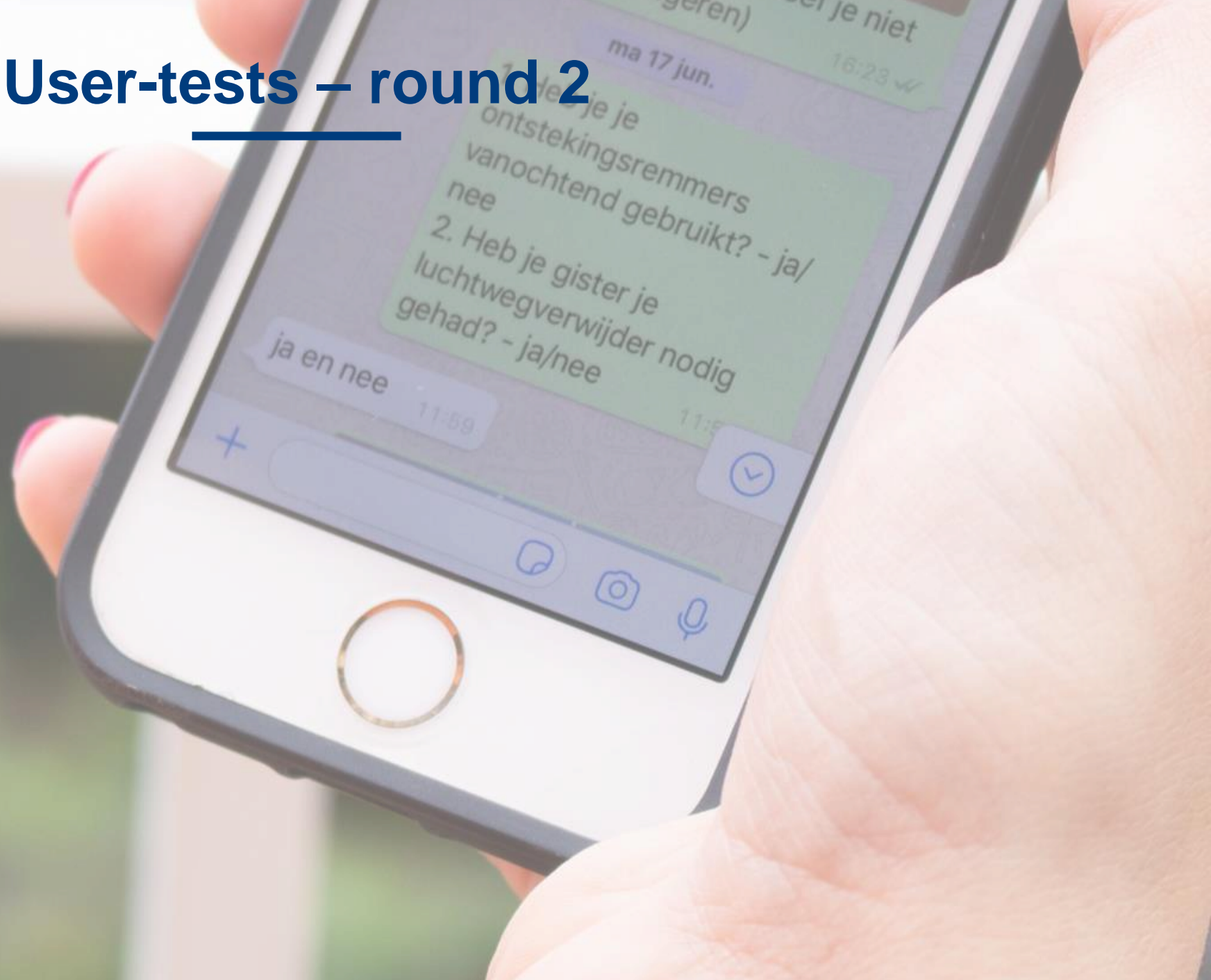




User-tests : round 1



User-tests – round 2



Key-take aways

Motivated by
storyline and
creation of a
habit

Direct feedback and
insight into trigger
moments

Experience that
one can do
better

Personal goal
and
commitment

Rewards



Questions?
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