



**EORNA**  
EUROPEAN OPERATING ROOM  
NURSES ASSOCIATION

# 9th EORNA Congress

16-19 May 2019

The Hague, The Netherlands

CONGRESS ▾

SCIENTIFIC PROGRAMME & ABSTRACTS ▾

REGISTRATION & ACCOMMODATION ▾

PRACTICAL INFORMATION ▾

SPONSORS & EXHIBITORS ▾



## “ON THE MOVE”

9th EORNA Congress

The Hague, The Netherlands

16 - 19 May 2019

# A well prepared patient...to the OR

How to avoid cancellation in the OR













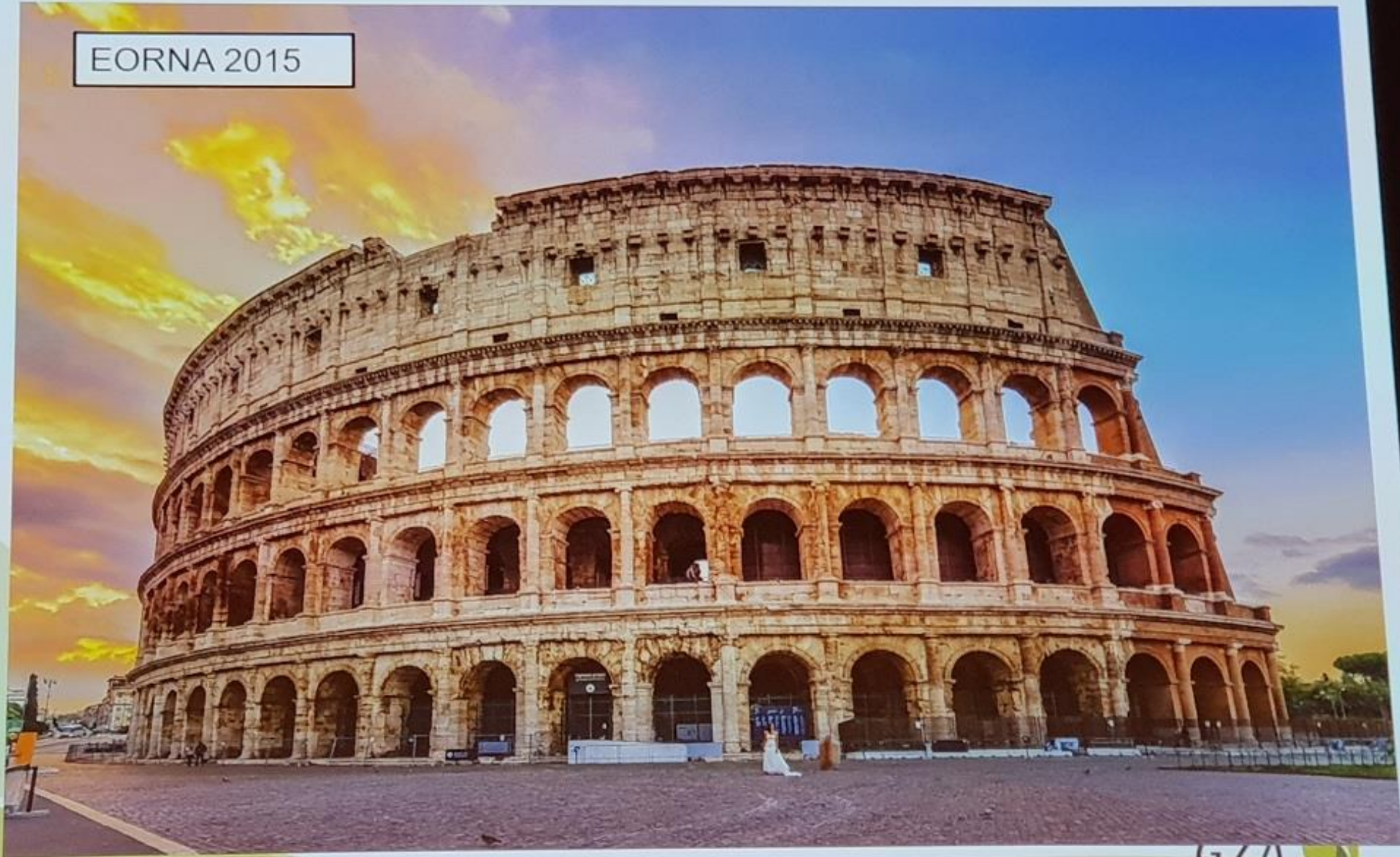








EORNA 2015





EORNA 2017



# Future

- Everybody needs to get a preoperative screening green-red-orange



Have to see a doctor

Have to see the  
preoperative nurse

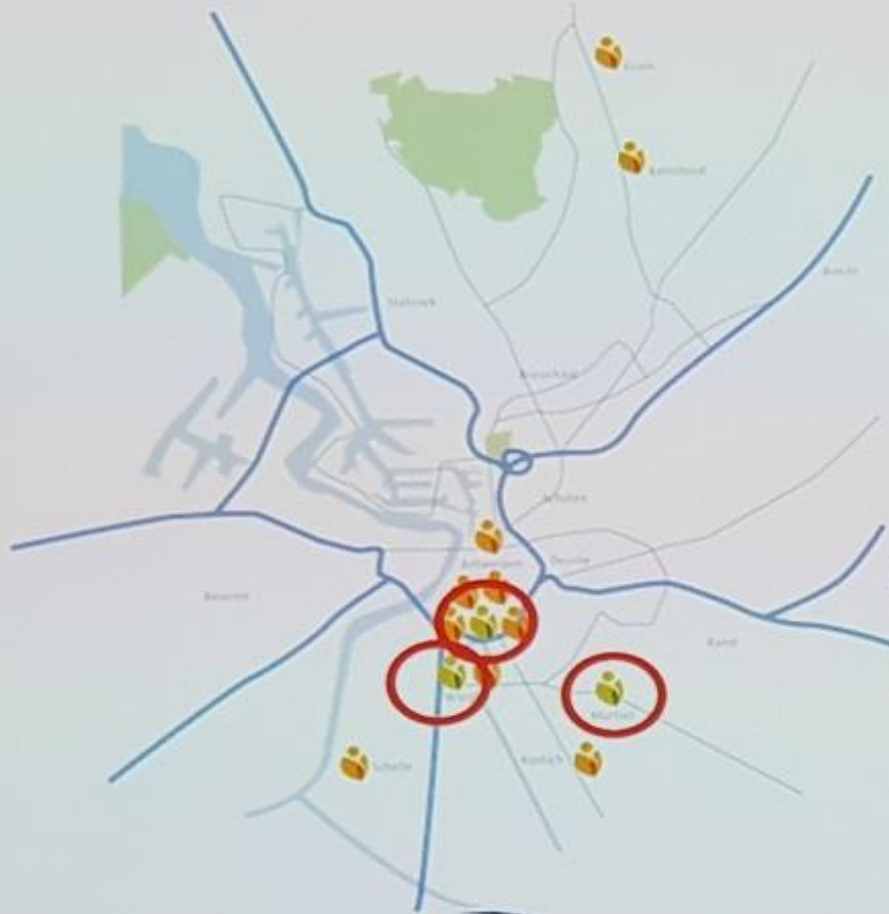
See you the day of  
surgery



EORNA 2019



# GZA Hospitals Situated Antwerp



GZA 

Ziekenhuizen  
Gezusters Antwerpen

Sint-Augustinus - Sint-Vincentius - Sint-Jozef





3000 employees



1000 beds

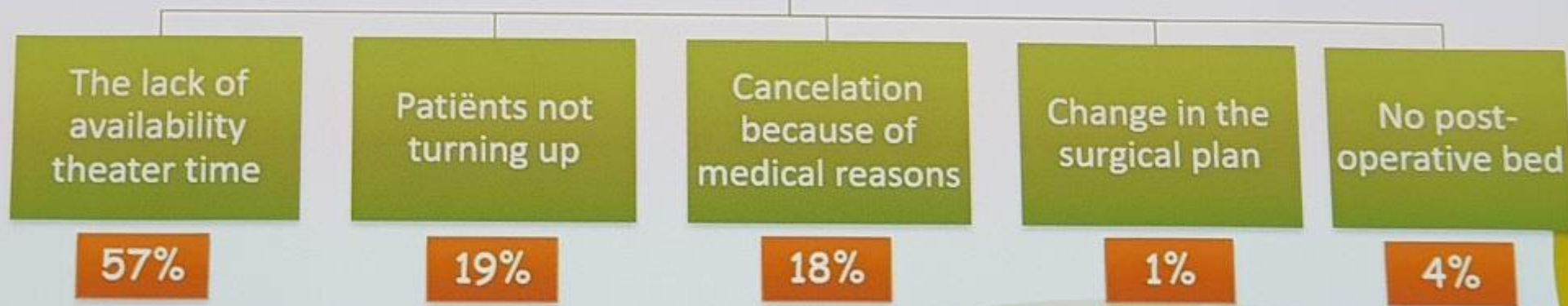


42.000 surgeries

(2018)

# Cancellation of surgery – reason (1/3)

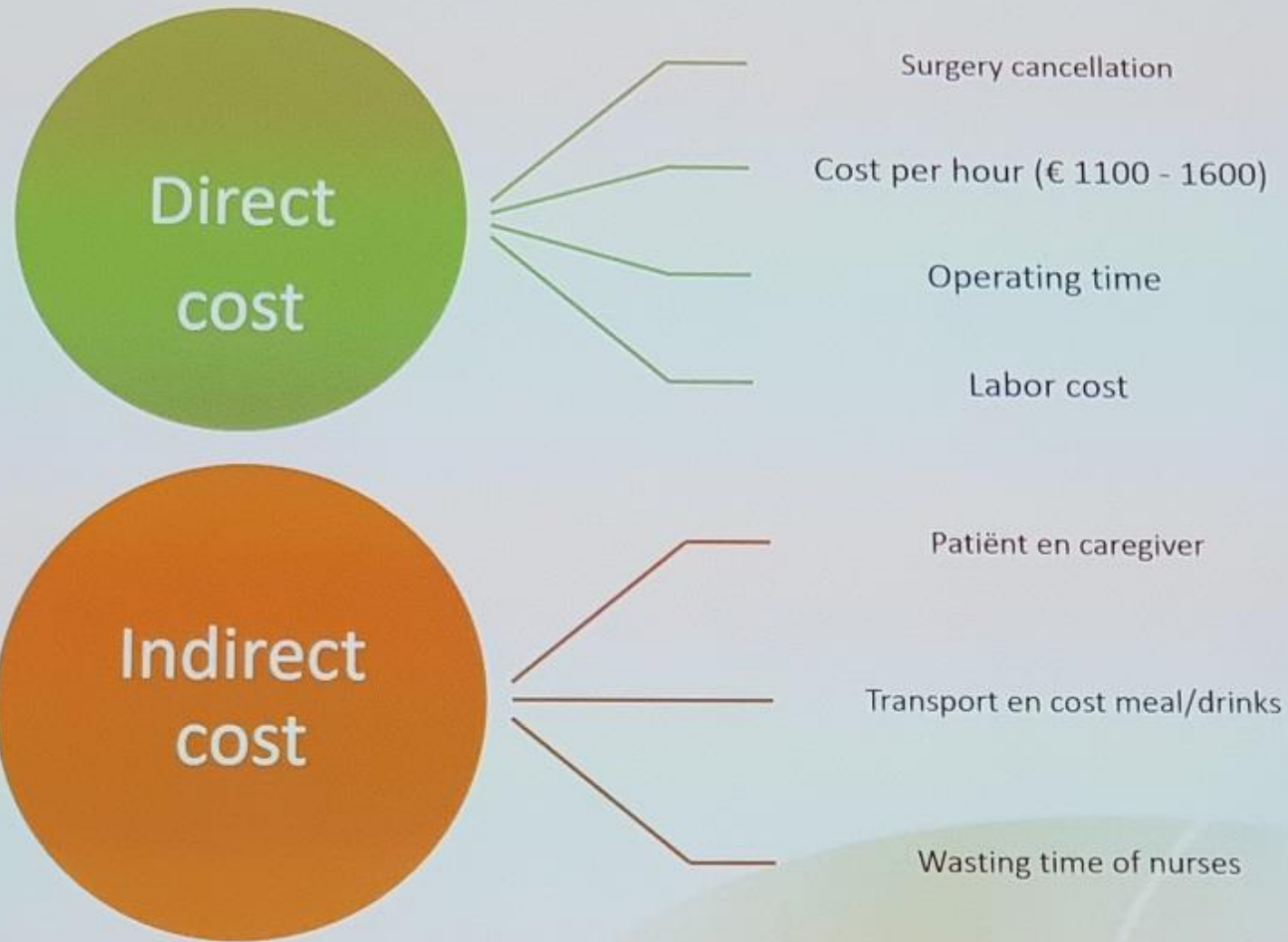
## Main reason for cancellation operations in several studies



(Kumar R, Gandhi R, J. Anaesthesiol Clin Pharmacol, 2012)  
(Kaye A, McDowell J. J Med Pract Manage, 2015)  
(Andreas R. Seim, Tom Fagerhaug, Surr Innov 2009)



# Cancellation of surgery – Cost (2/3)



(Kumar R, Gandhi R, J. Aneaesthesiol Clin Pharmacol, 2012)  
(Zafar A., Mufti TS., J Ayub Med Collabbottabad 2007)  
(Andreas R Seim, Tom Fagerhaug, Surr Innov 2009)

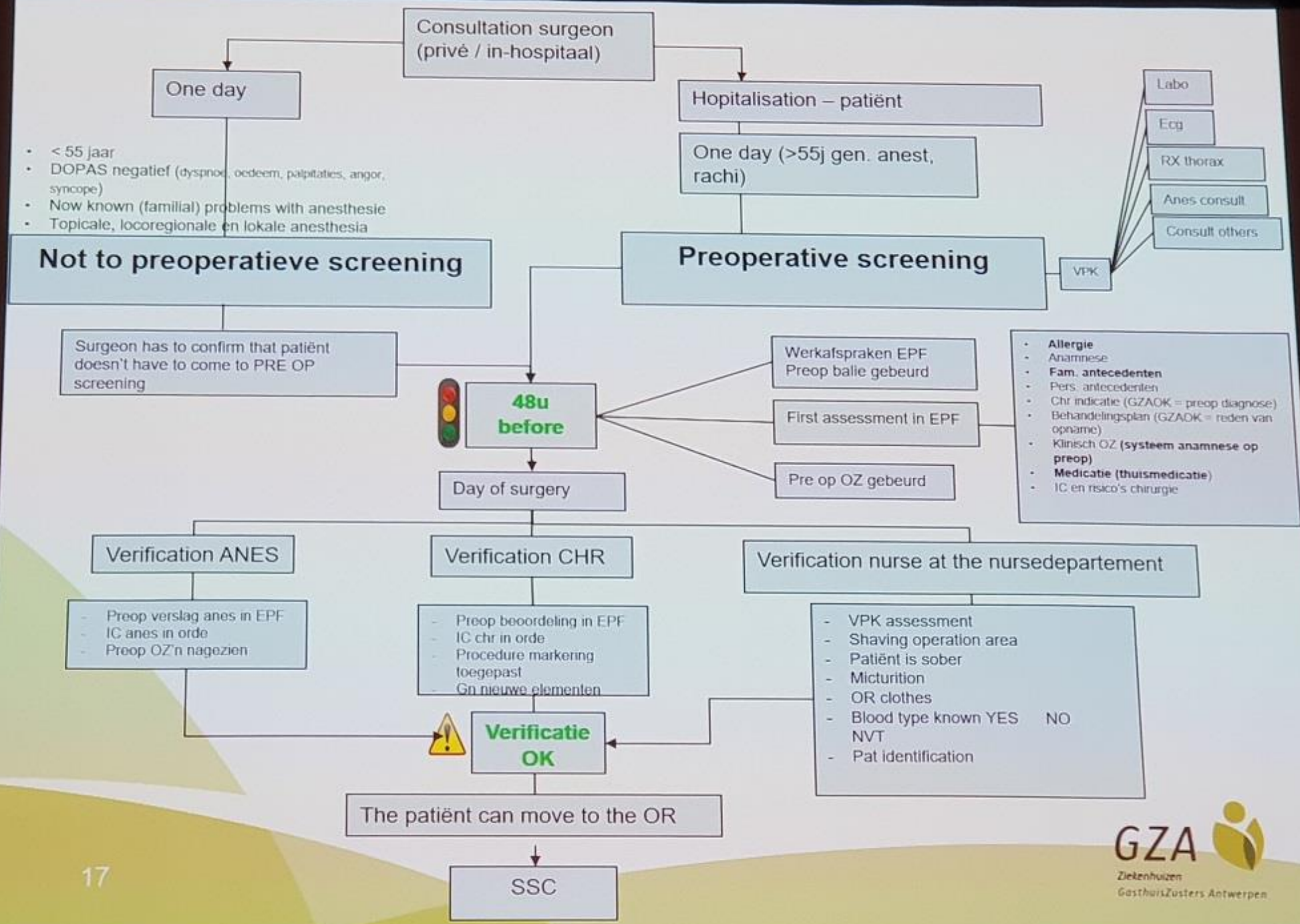
## Cancellation of surgery – what can we do (3/3)



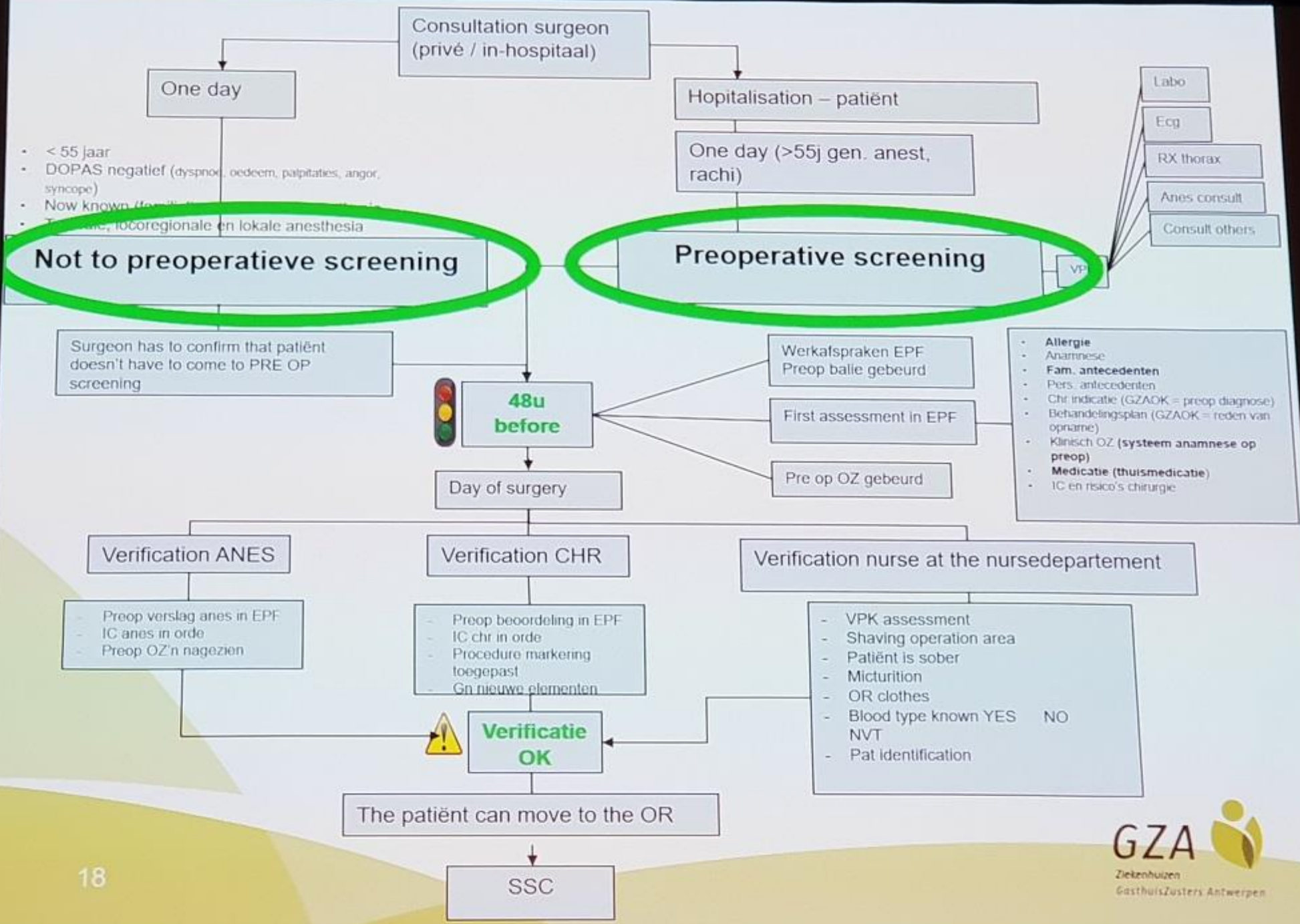


Why everybodye needs  
preoperative screening?

→ Last proces model (Eoma 2017)





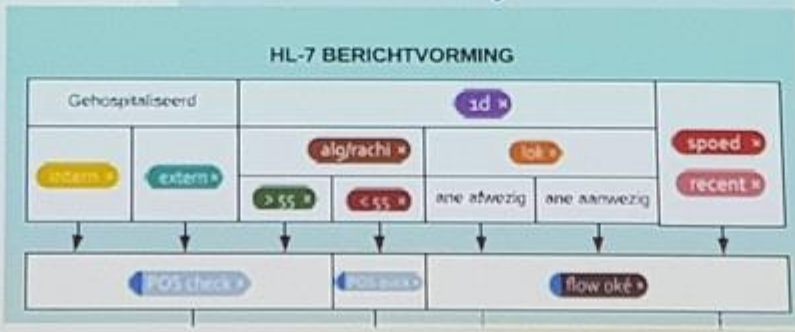
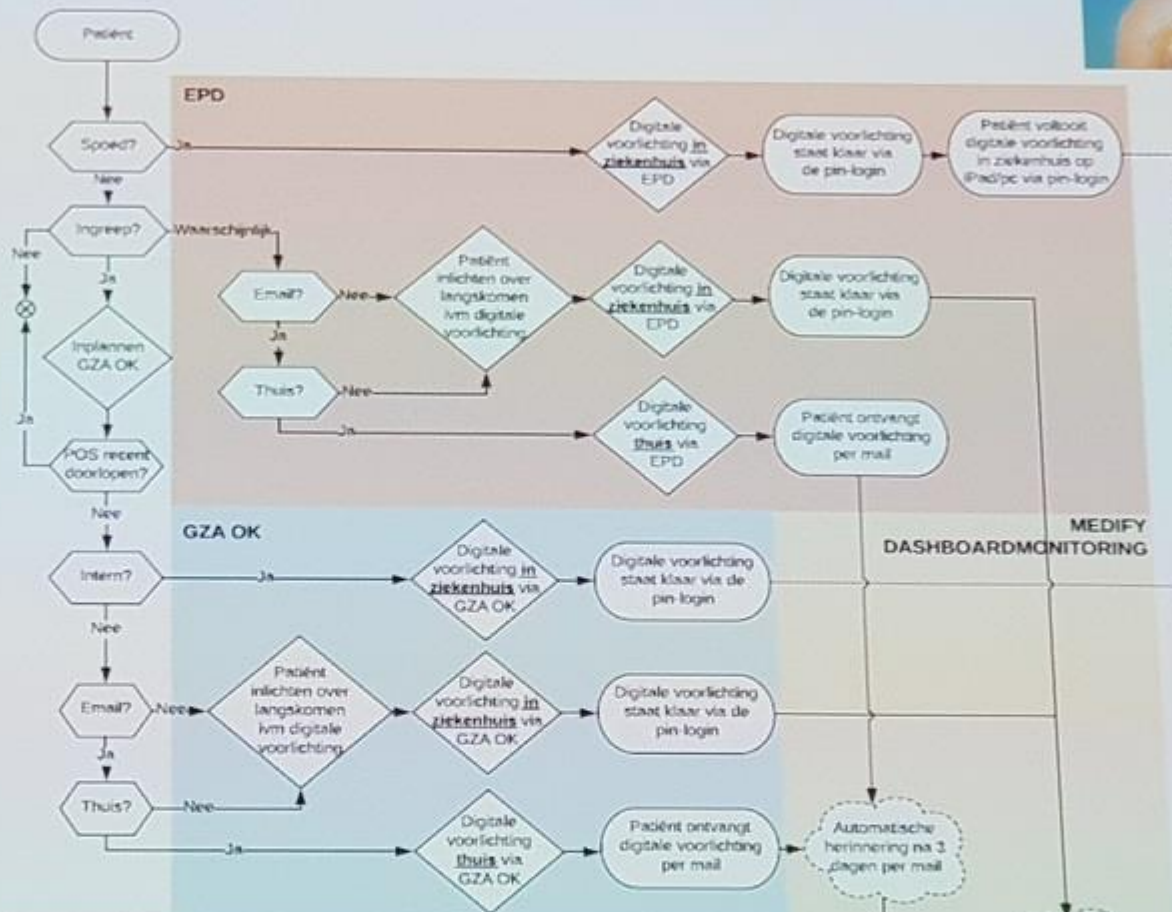


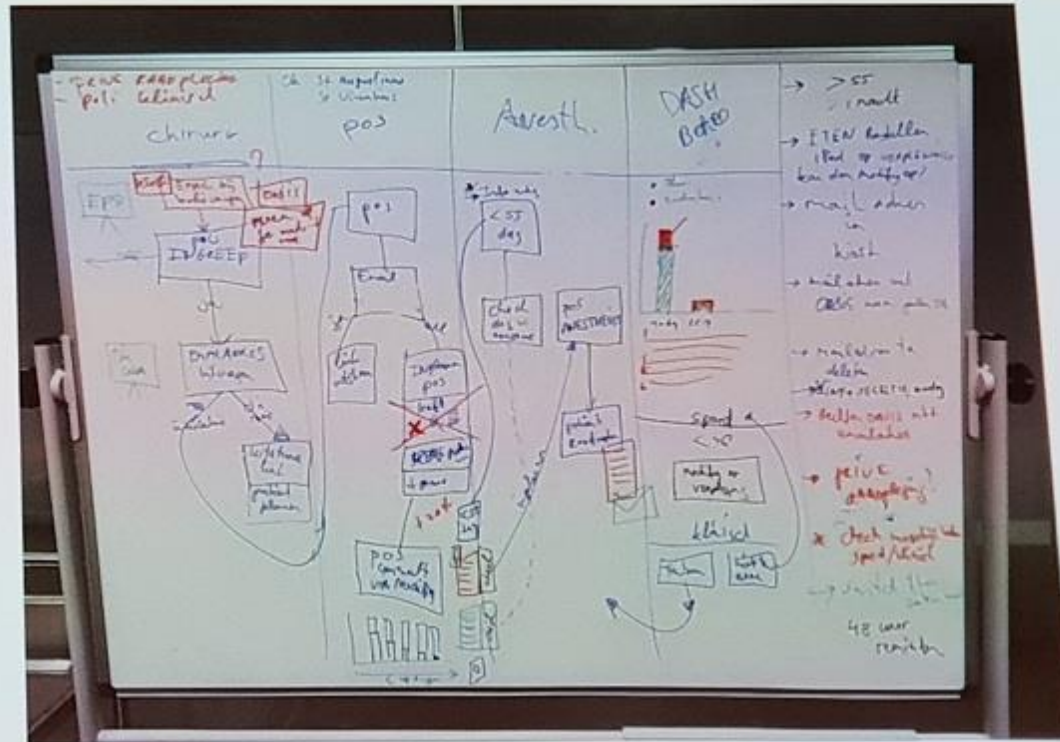
# Disadvantage

- Expensive (17,6 FTE )
- Not every patient got screended (one day <55j diabetic, hart failure in past,...)
- Patients needs to get unnecessary to the hospital (hopsitalisation <55j, no medical history,)
- Speakers of other languages



# GZA anesthesie proces flow & tags versie 7

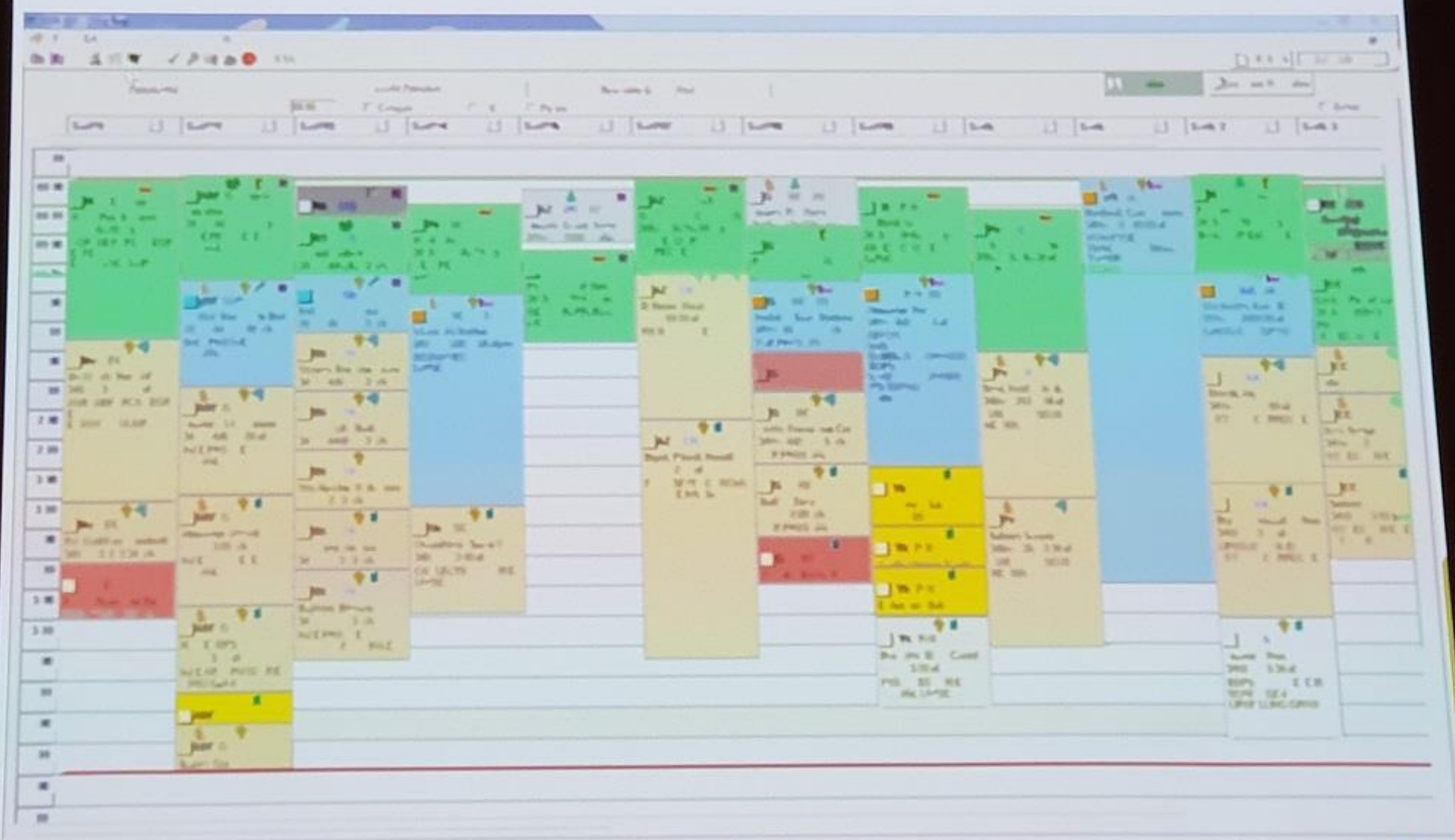






# HOW DOES IT WORK







**Kritiek**

s1:35. Bent of was u in behandeling voor een <strong>longziekte</strong>?

Ja

**Afwijkend**

s1:4. Bent u <strong>allergisch?</strong>

Latex (ballon, handschoen, condoom)

s1:4A. Latex: Vermeld welke reactie u vertoonde: zwelling, ademnood, jeuk, rode vlekken  
jeuk en rode vlekken

s1:17. Werd u vroeger <strong>reeds geopereerd?</strong>

Ja

s1:17A. In welk jaar en voor welke ingrepen?

2002 nek operatie, 2007 operatie brachiale kleeftiste , 2010 elleboog, 2016 gerwel aan aars

s1:18. Reageerde u bij een vorige verdoving op een ongewone manier?

Ja

s1:18A. Omschrijf zo nauwkeurig mogelijk:

heb onderkoeling gehad en zwaar paniek aanval na ontwaken

s1:23. Hebt u problemen bij huishoudelijk werk?

Ja

s1:25. Hebt u soms gezwollen voeten?

Ja

s1:32. Hebt u gemakkelijk blauwe plekken of neusbloedingen?

**Normaal**

s1:1. Wat is uw lichaamslengte in cm? <strong> Let op: vul alleen getallen in bij uw lengte en geen \_ cm \_ hier achter. Bijv.: 173</strong>

Example of a questionnaire that arrives at the dashboard and the EPF

# Dashboard preoperative screening





# Benefits



1. step-by-step ,audiovisual information

2. Questionnaires and automatic follow-up

3. Directly in the EPF with points of attention and actions

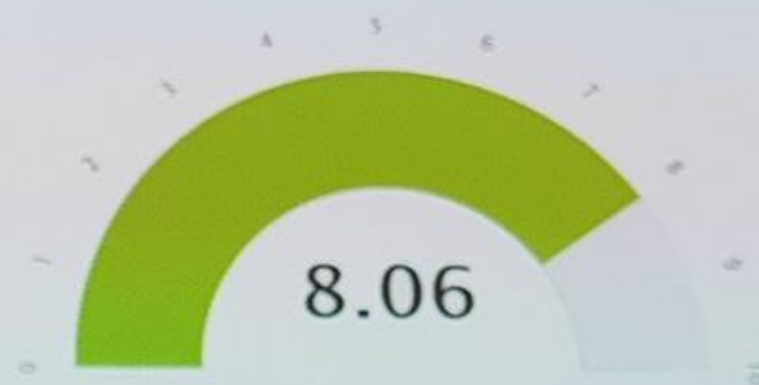
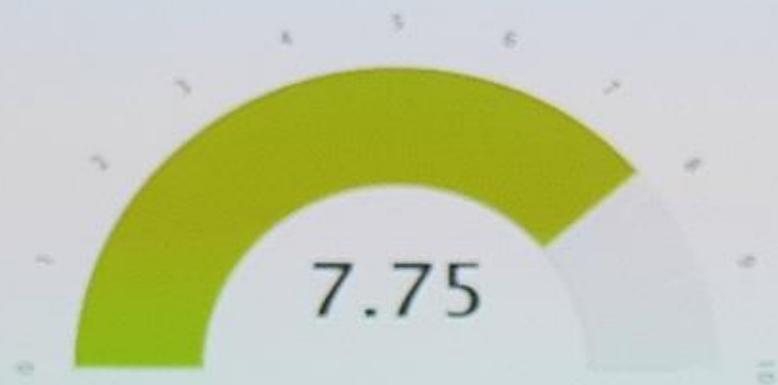
4. Dashboard for control and reporting

5. Young patients who are hospitalized do not necessarily have to come to POS

6. Productivity improvement, administrative simplification,....

- Adults (n = 1486)

Children (n = 120)



Mean grade of our digital intake

*We strongly believe in digital communication as an integral part of the care process and try to participate in this way to improve the quality of care by maximally preparing and informing our patients.*





Digitalization requires the necessary preparation, but in the long term it delivers more quality and efficiency



Digitalization requires the necessary preparation, but in the long term it delivers more quality and efficiency



Patients should not do unnecessary consultations and they are satisfied





Digitalization requires the necessary preparation, but in the long term it delivers more quality and efficiency



Patients should not do unnecessary consultations and they are satisfied



Belgium and the Netherlands are good neighbors



Digitalization requires the necessary preparation, but in the long term it delivers more quality and efficiency



Patients should not do unnecessary consultations and they are satisfied



Belgium and the Netherlands are good neighbors



If you want to know more about Antwerp, I would like to explain this to you with a fantastic Belgian beer



