

Anticiperen op variabiliteit

Innovaties in het Borstcentrum van het Jeroen Bosch Ziekenhuis

Maartje van de Vrugt

Wie?

Jeroen BOSCH  ZIEKENHUIS

CHOIR

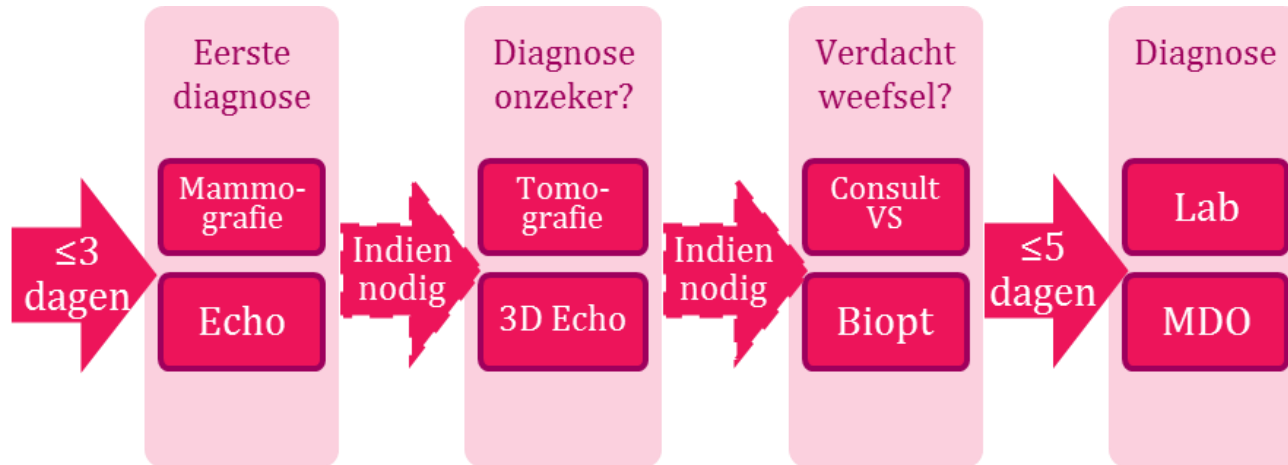

 Leids Universitair
Medisch Centrum



Agenda

- Proces Borstcentrum
- Eerdere verbeteringen
- Anticiperen op variabiliteit
- Conclusie

Proces Borstcentrum



Eerdere verbeteringen

- Extra MDO
- Aantal plekken per dag

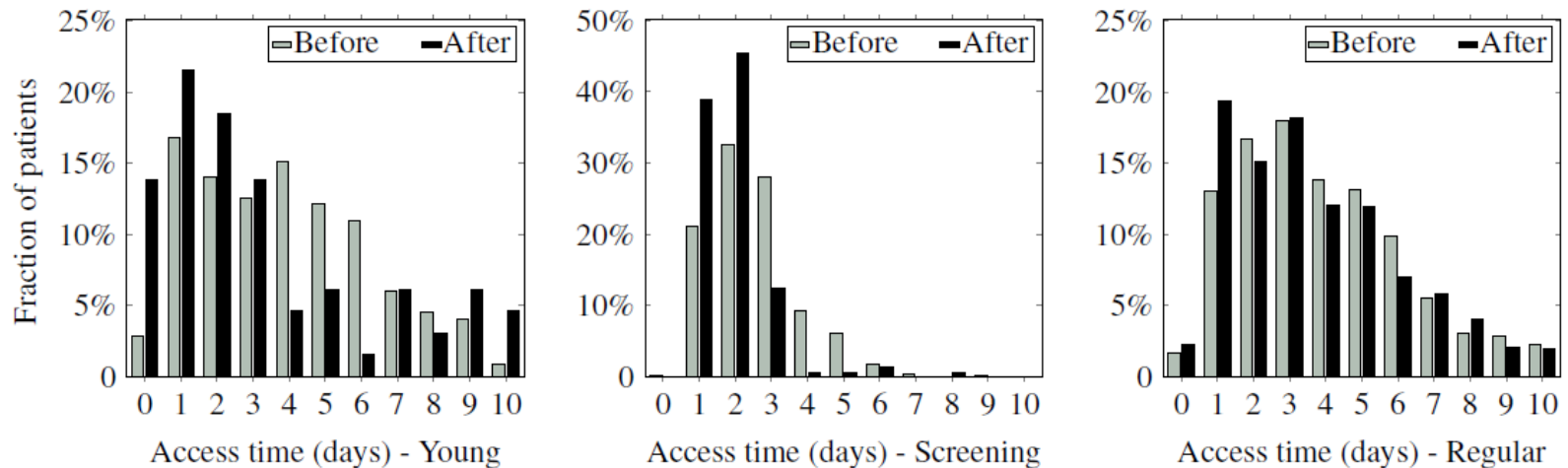
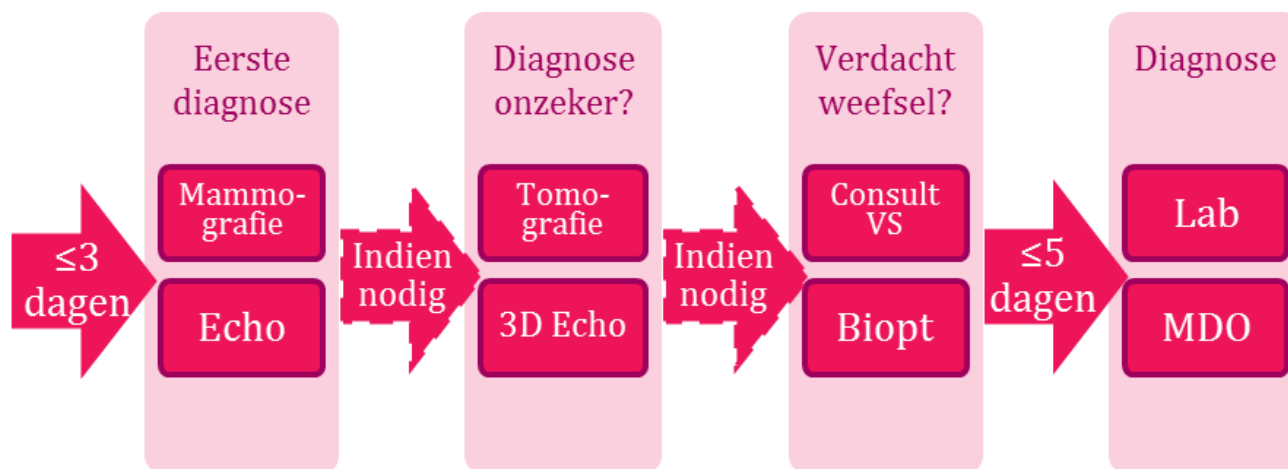


Figure 4: Access time distribution before (Jan 13-Jul 14) and after (Jul 14-Oct 14) interventions.

Wachttijd op de dag



Anticiperen op variabiliteit

“Zorgpaden”

1	Mammo	Beoordelen				
2	Mammo	Beoordelen	Echo	Beoordelen		
3	Mammo	Beoordelen	Echo	VS	Punctie	Beoordelen
4	Mammo	Beoordelen	Echo	3DEcho	Beoordelen	
5	Mammo	Beoordelen	3DEcho	Beoordelen		
6	Mammo	Beoordelen	Echo	VS		
7	Echo	Beoordelen				
8	Echo	VS	Punctie	Beoordelen		
9	Echo	Mammo	Beoordelen			
10	Mammo	Beoordelen	Tomo	Beoordelen		
11	Mammo	Beoordelen	Tomo	Beoordelen	Echo	Beoordelen
12	3DEcho	Beoordelen				
13	Punctie	Beoordelen				
14	Localisatie					

Zorgpaden - data

Table B.4: 'Care pathways' of patients at the breast center.

							Young	Regular	Screening	Returning
1	MG	CR						27.0%		47.0%
2	MG	CR	US	CR				50.3%		26.3%
3	MG	CR	US	NP	BI	CR		3.6%	12.3%	2.2%
4	MG	CR	US	3D	CR			3.4%		
5	MG	CR	3D	CR				5.6%		1.3%
6	MG	CR	US	NP					87.7%	
7	US	CR					93.4%	6.2%		18.6%
8	US	NP	BI	CR			3.6%			
9	US	MG	CR				3.0%			
10	MG	CR	TG	CR				3.9%		2.3%
11	MG	CR	TG	CR	US	CR				2.3%

1 Poli open: 7:59

Dag: 4

2 huidige tijd:

3 **7:59**

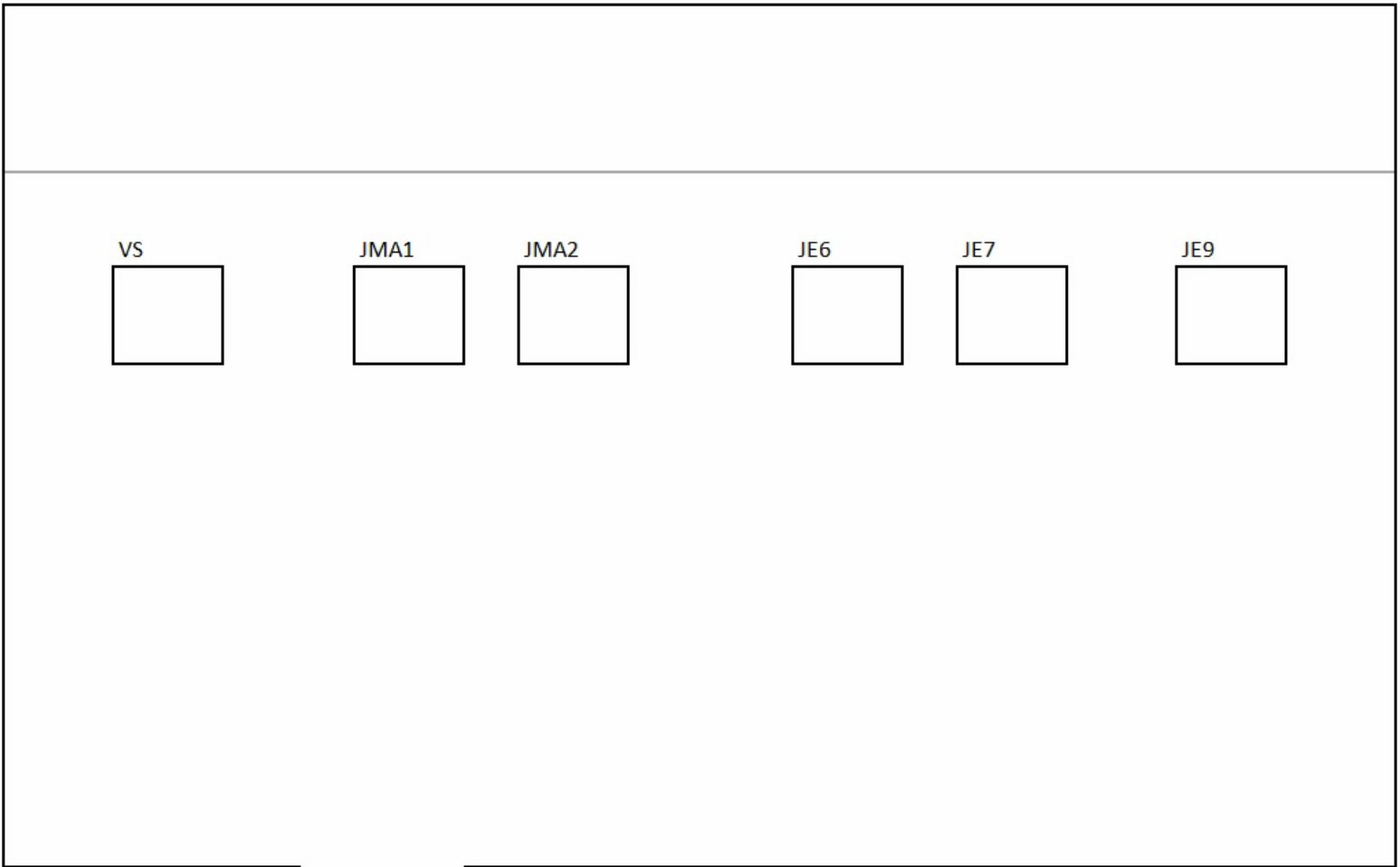
startscherm

Langzamer

Normaal

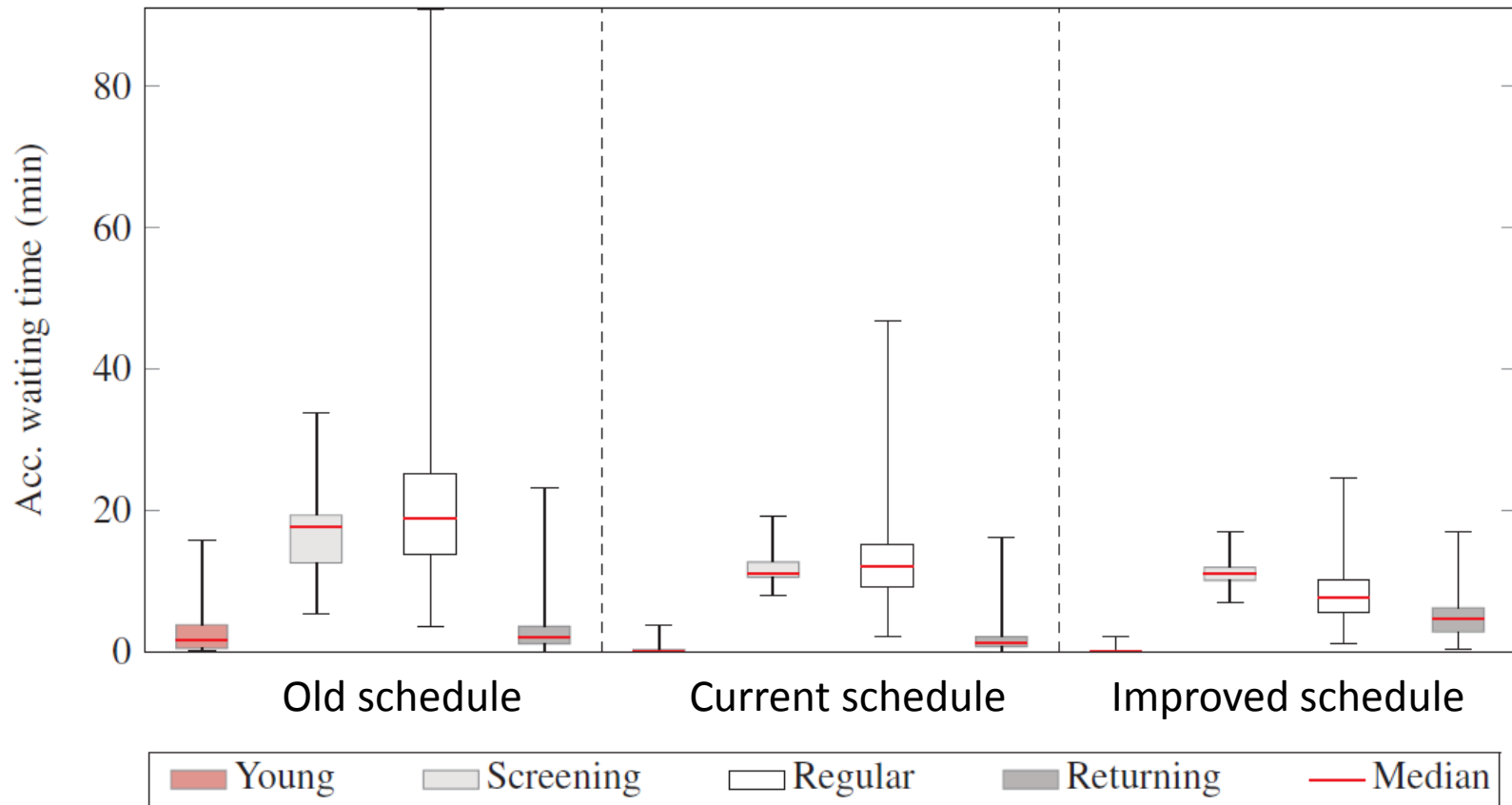
Sneller

STOP

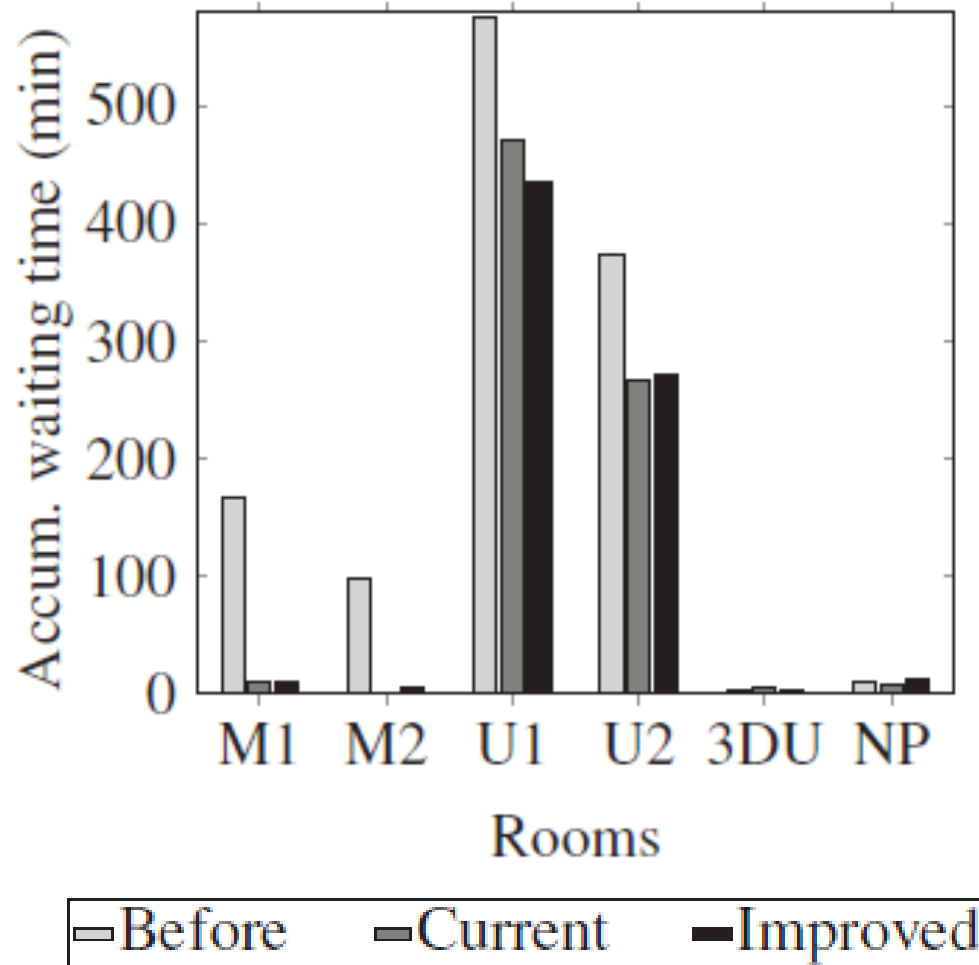


Volgende afspraak:
13:35

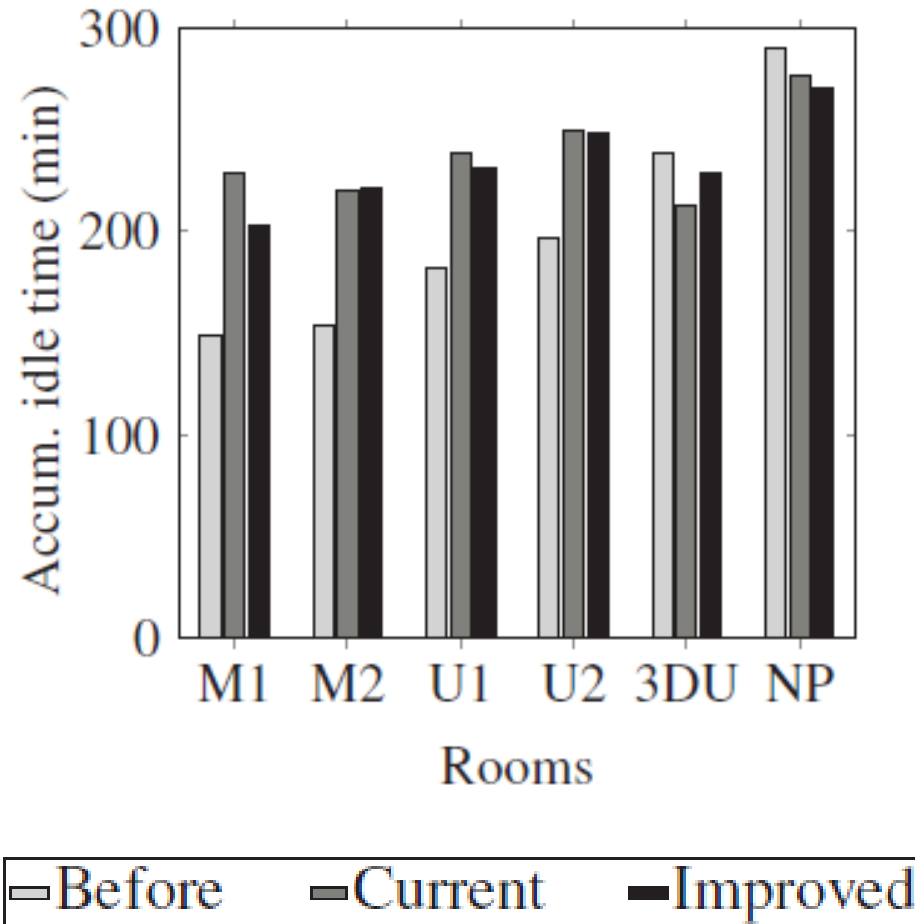
Resultaten simulatie



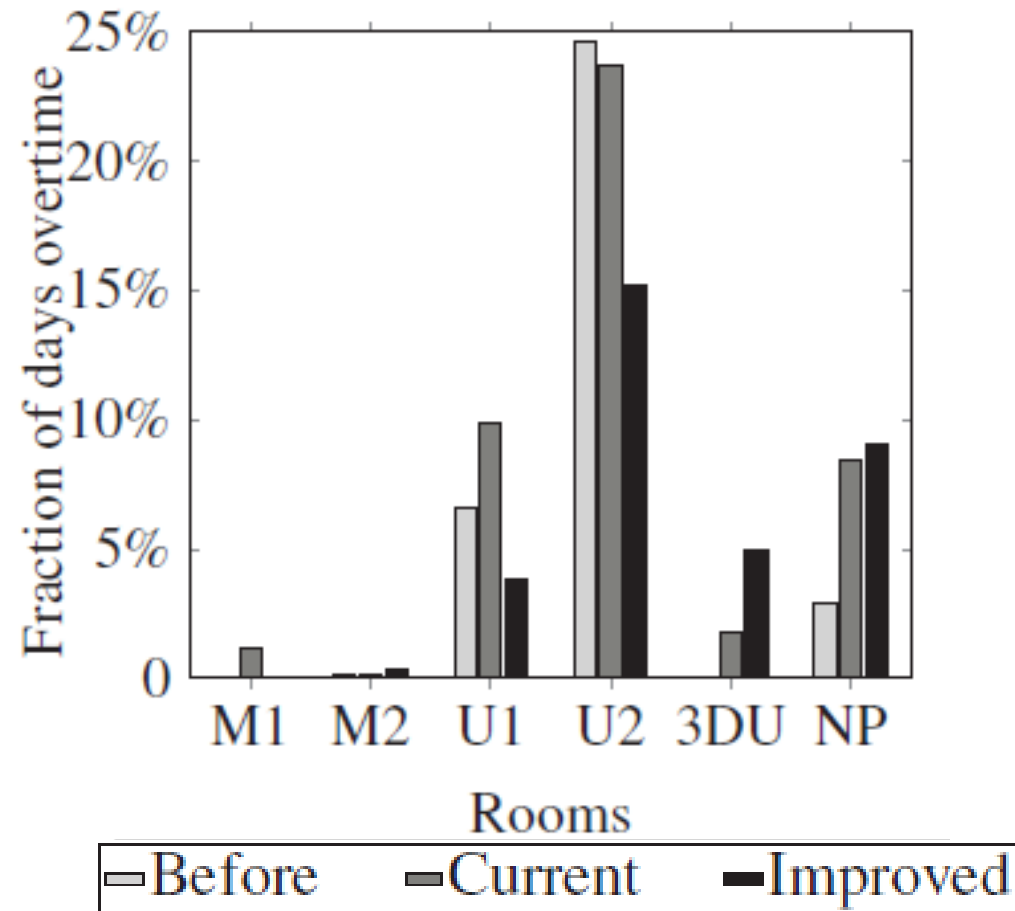
Resultaten wachttijd



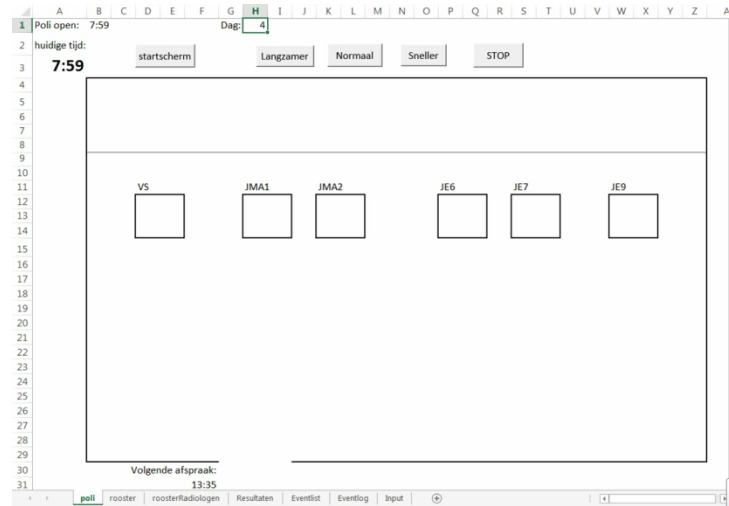
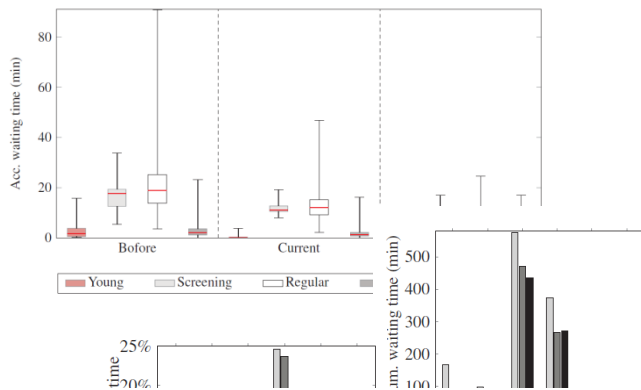
Resultaten leegstand



Resultaten overwerkdagen



Conclusie



Rapid diagnoses at the Breast center of Jeroen Bosch Hospital

Maartje van de Vrugt^{a,b,*}, Richard J. Boucherie^a, Tineke J. Smilde^b, Mathijn de Jong^b, Maud Bessems^b

^aCenter for Healthcare Operations Improvement and Research (CHOIR), University of Twente, Enschede, The Netherlands.

^bBreast Center Jeroen Bosch Hospital, 's Hertogenbosch, The Netherlands.