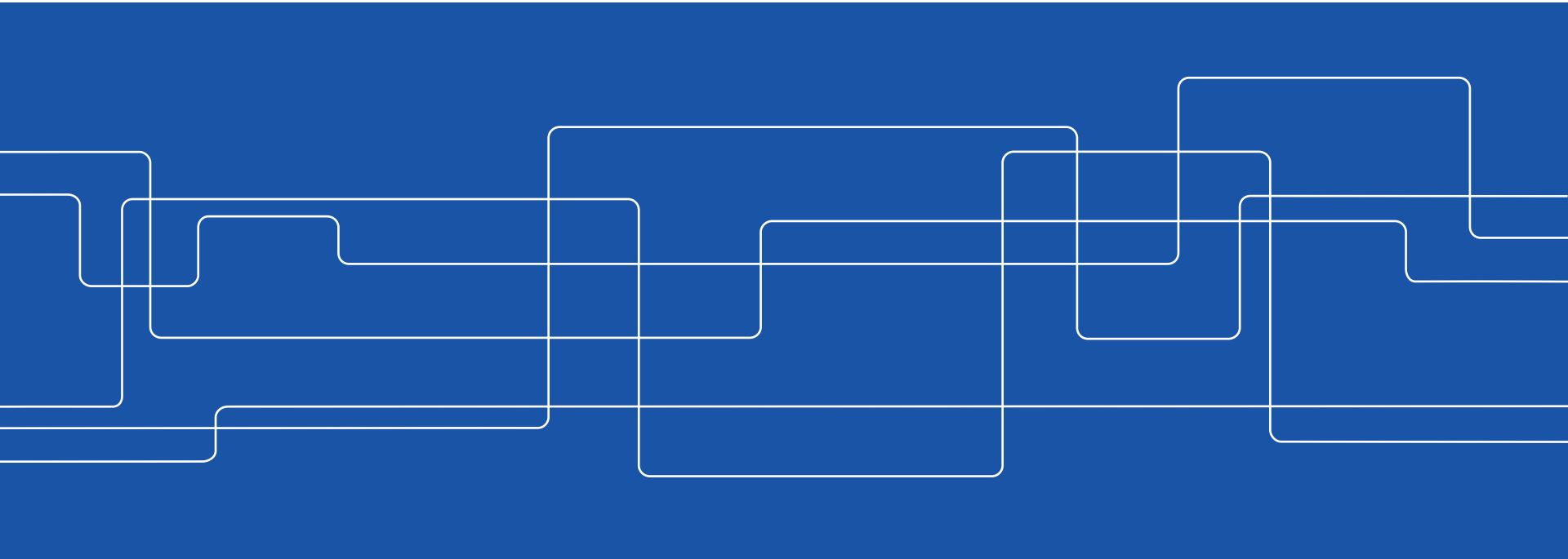




# **An open-game for training first-line managers in health care organizations**

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2018-12



# 1. Open-game vs closed-game

	RULES rule-driven<----->open
RESOURCES	feedback models-----input-output models

What most engineering simulations do

Table 6: Simulation with no actors involved

	RULES rule-driven<----->open
ACTORS	Theatre-----role play

What most digital games do

Table 7: Gaming with no explicit resources

	RULES rule-driven<----->open
ACTORS RESOURCES	Rigid-rule games--behavioural simulations---free-form games

What serious /simulation games do

Table 8: Fully-fledged gaming

Jan Klabbers, The gaming landscape: A taxonomy for classifying games and simulations. 2003



## 2. Training & influencing decision makers

Training first-line managers in HCO can take years

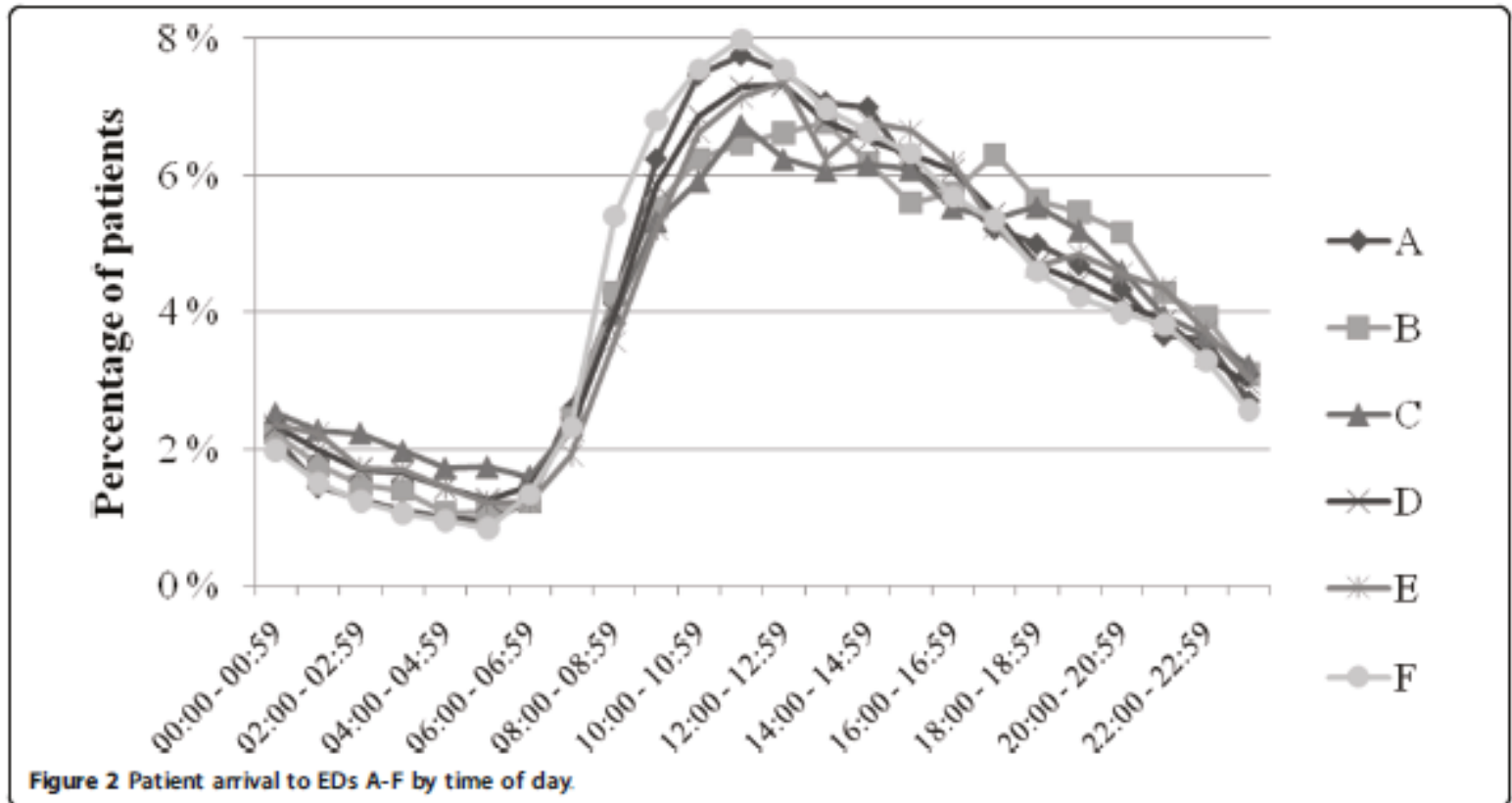
Most challenging part: handling variations of incoming patients at the operational level-managing workload towards the sufficient level for safety, commonly the lower the better

This ILO of this simulation game:

- keep 80% of patients lengthy stays in 4 hours
- reduce the mental workload 20%
- maintain a good quality patient care

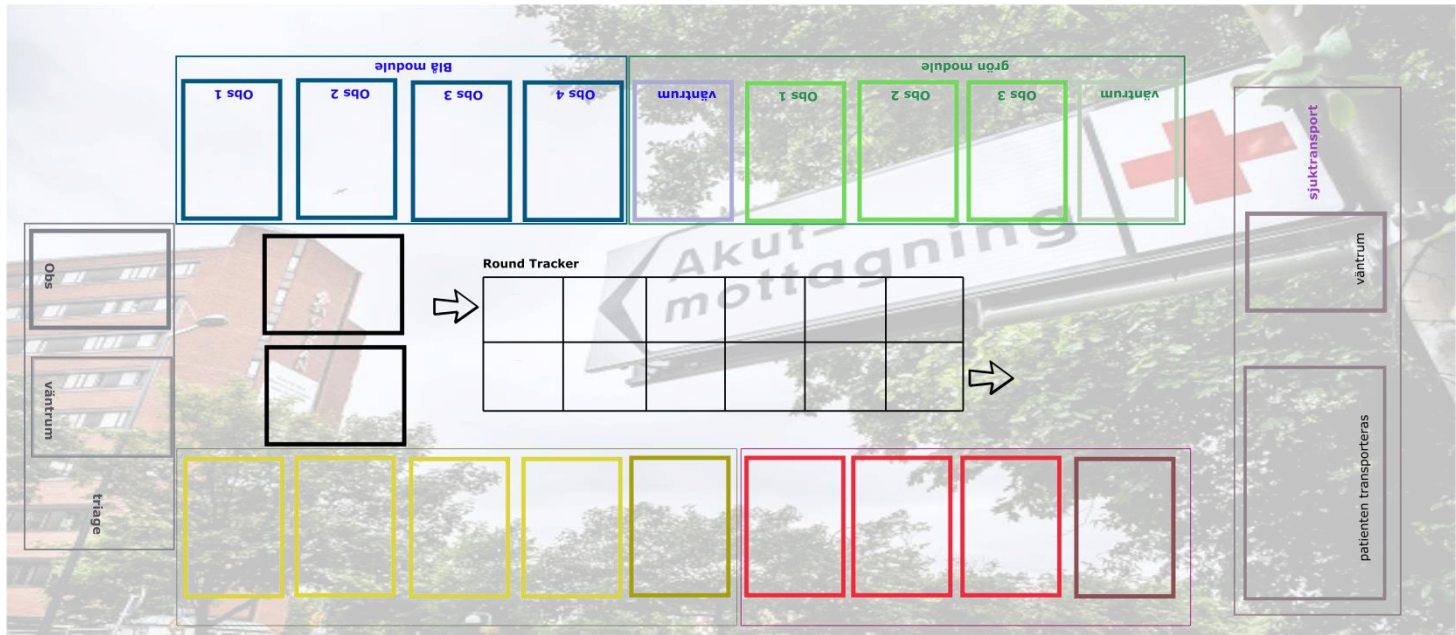
...game analytics available afterwards

### 3. What is simulated?



## 4. Administrrating the floor

4 modulers, 1 triageplace, 1 hospital supporting system  
 2 parallel functioning teams, each has a leading doctor, a nurse  
 1 team for triage and discharge planning



## 5. Deck of patient applications

**Patient Ankomst [ID: 1]**

Katastrofe : Nej      Sätt : Gående      Tid :

**Patient Profile**

Sorsak : Underarmskada

Olycka : Ej

Comments:  
a : återbesök, reponering i lustgas, inte ätit någon  
b : frisk, adhd, inga kända allergier  
c : god distalstatus, ej smärtpåverkad just nu. uppmuntrar till att äta och drid

Har ätit äpple och drukit apelsinjuice. informerar om att fasta from nu

Prioritet :       Läkare in :       Sjuksköterska in :

**Activitet**      **Tid**      **Personal**

Röntgenbeställning  
Röntgenundersökning  
Röntgensvar  
Treducer Behandling

**Vården**

Ansvarig : SU barn      Ut tid :       Till : Hem



Läkare



Nurse



Bed



Fill in by triage



Fill in by läkare/nurse



Place personal needed

## 6. Validation 2018-11-01

