



medsimlinz

www.medsimlinz.com Zentrum für medizinische Simulation Linz

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### Certifications







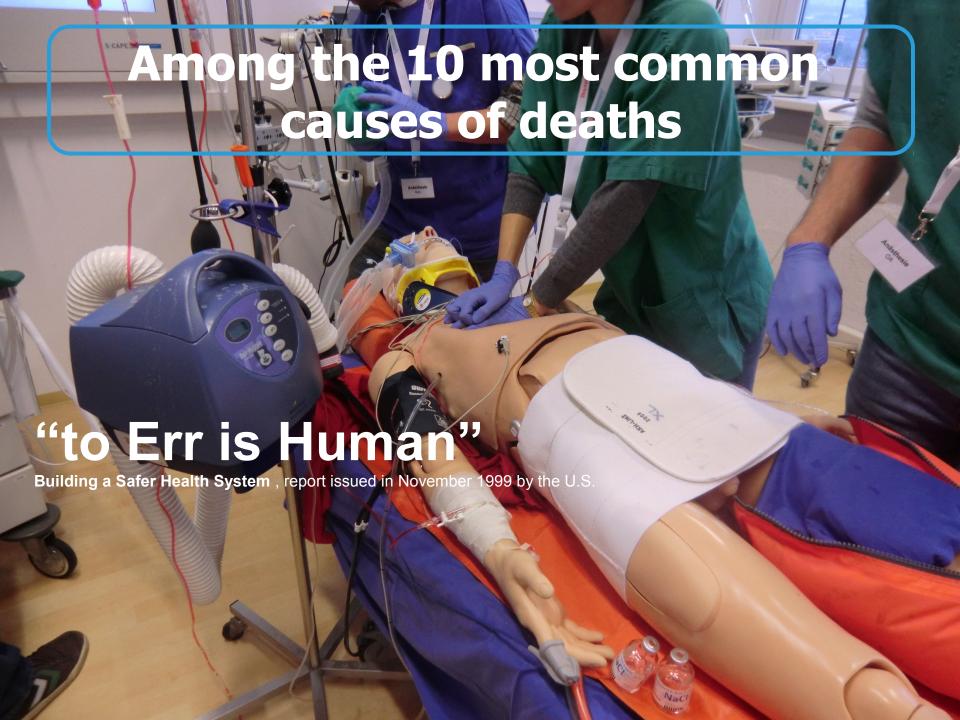
# What we are planning to do today...





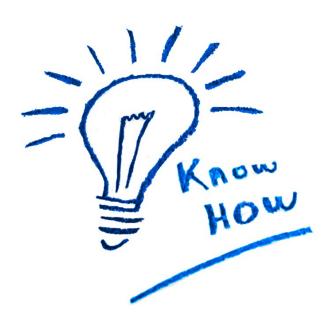








# What do you think are reasons for errors (in medicine)?







# One of the most common: One out of 5 medication applications result in an error

(Barker Flynn Pepper; 2002)

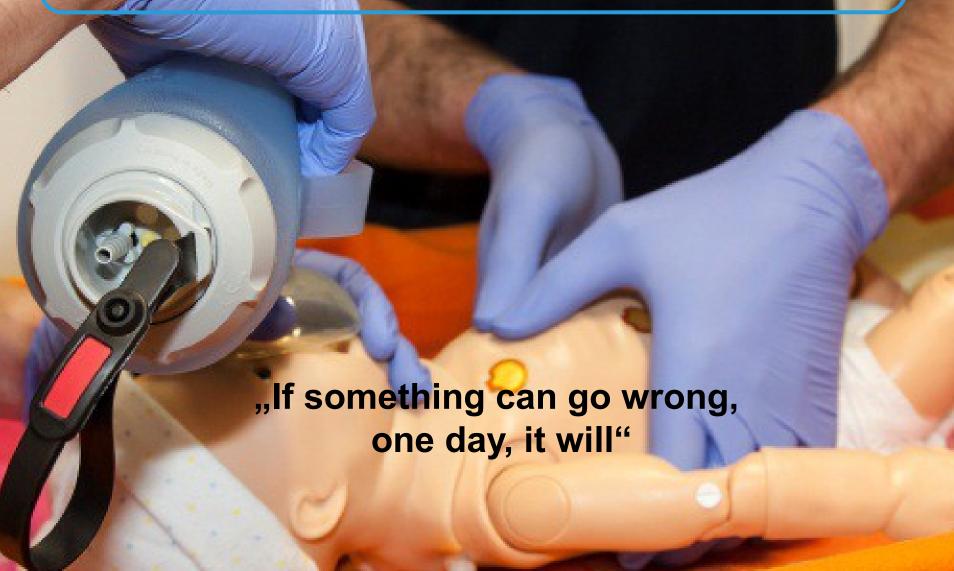


## Asking pilots and physicans/nurses questions ...

- •Even if i am tired, i am capable of handling emergency situations. Answered with yes...
  - Pilots ... 26%
  - Physicians..... 70%

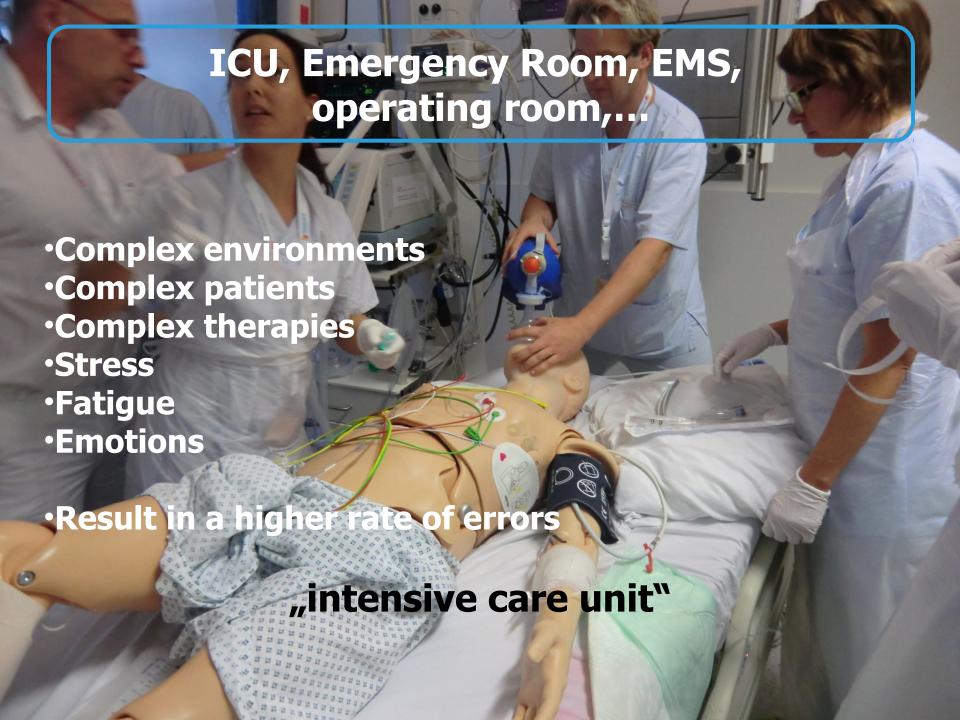
- ·I dont do any mistakes.
  - 30% of physicians and nurses on ICUs answered with yes...











# Why simulating? Why playing with dolls?





# FEAR FACTOR



## What makes learning with simulation so efficient?

Features and uses of high-fidelity medical simulations that lead to effective learning" a BEME systematic review (Issenberg et al, 2005, Medical Teacher)

#### Receiving feedback

- Repeating keypoints
- Different levels of expertise
- Combining different learning strategies
- On demand and broad clinical conditions
- Keep 90% of what you do hands on
- Safe learning environment
- Individual learning
- Learning goals

## So, how does simulation training work now...







Briefing

Scenario

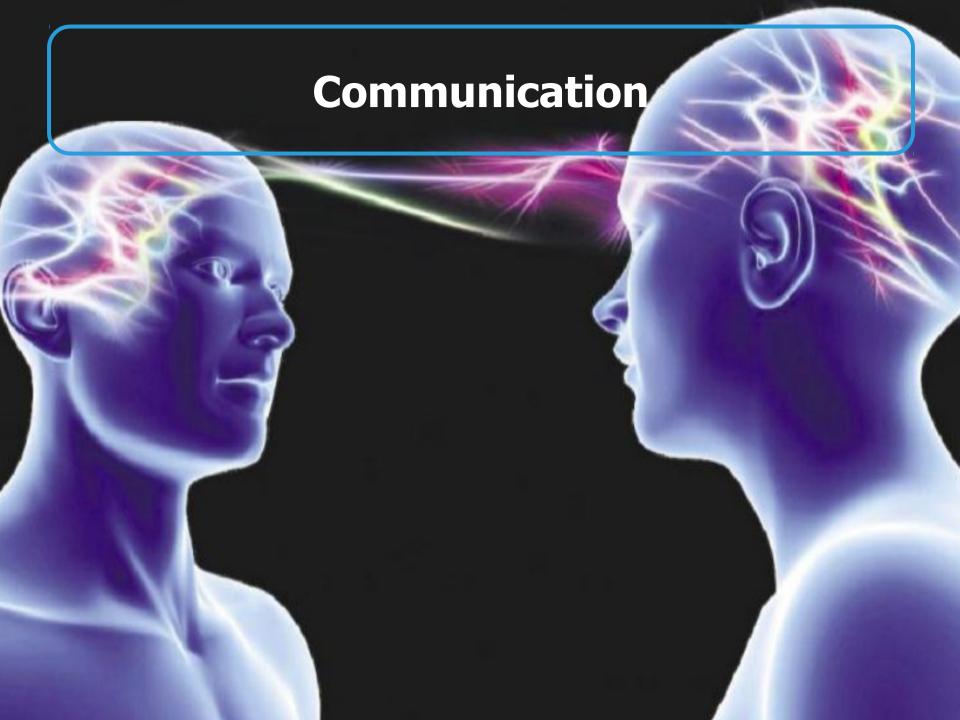
Debriefing

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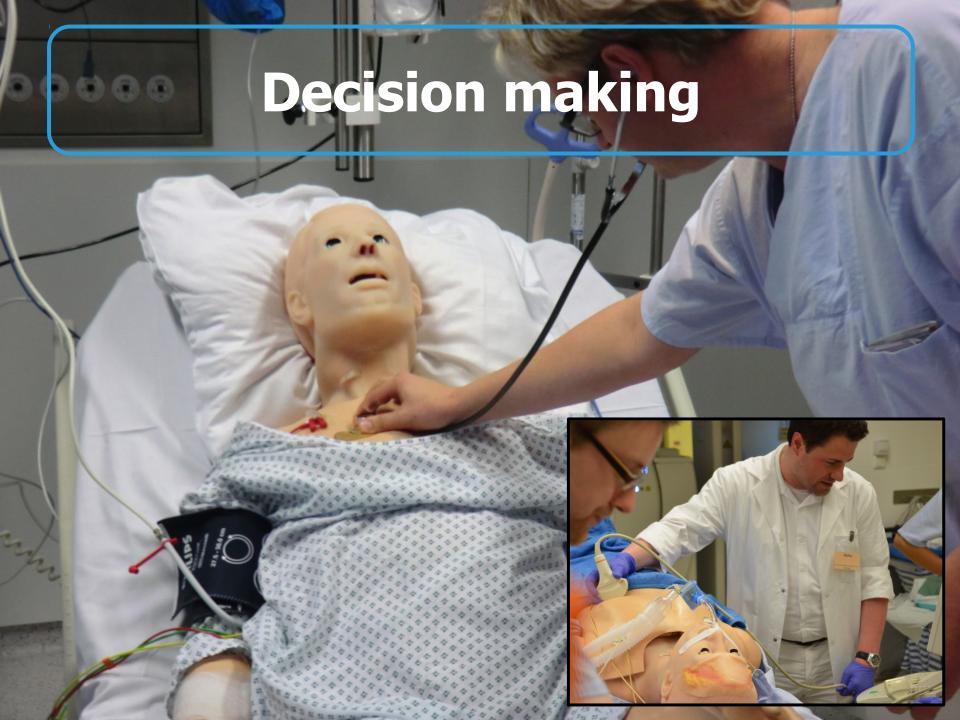
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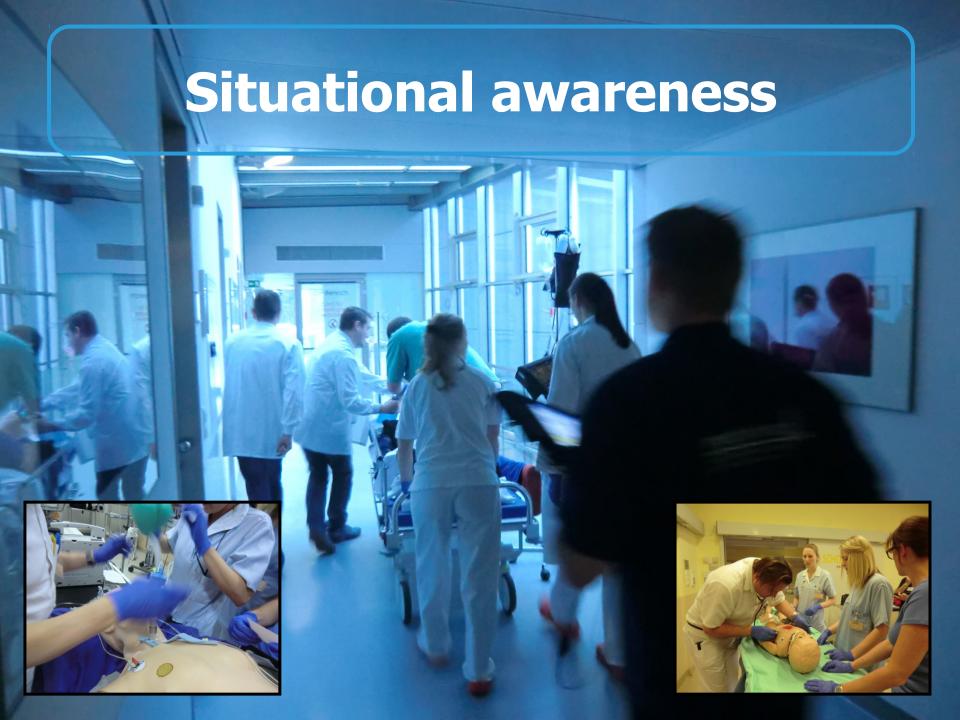
















### OTHERS LIKE: "Have doubts and double check"







### **Simulation Training**



