

# Real life complexity in your hands

## A Variety of Virtual Patients

Babies, children, teens, pregnant women, adults and seniors

## A Range of Difficulty Levels

Choose cases from Basic to Advanced, according to your clinical knowledge

## Real-life Pressure

Every choice influences your patient's reaction! If you don't act quickly enough, the patient's condition will start to deteriorate

## Specialties Covered

Allergy/Immunology, Cardiology, Endocrinology, Gastroenterology, Infectious Diseases, Internal Medicine, Nephrology, Neurology, Oncology, Obstetrics/Gynecology, Orthopaedic, Pediatrics, Pulmonology, Toxicology, Trauma, Urology, Vascular Diseases



## In our Clinical Scenarios, you are the one in charge!

### Starting with the Briefing

At the beginning of each interactive scenario, you'll see a brief description of the patient's clinical history.

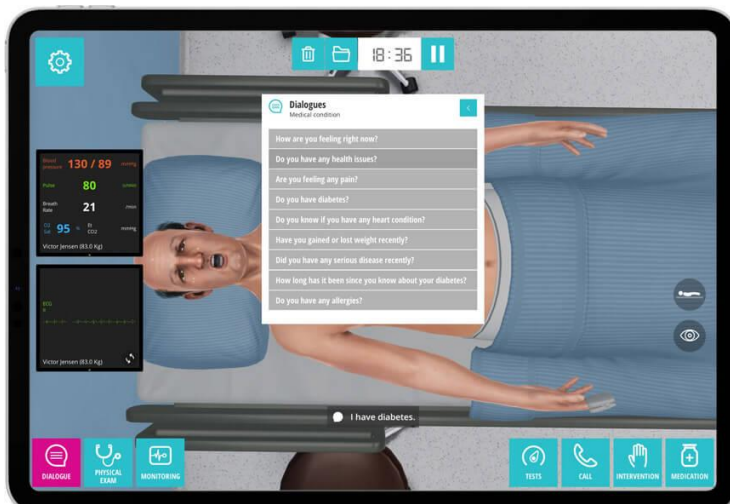
**Time Pressure!** The time for each scenario can be adjusted according to learning objectives.

[#1]  
Victor Jensen

50	83,0	185	25.2
Years	Kg	Cm	BMI

INTERMEDIATE EMERGENCY ROOM ENDOCRINOLOGY

Victor was found collapsed in his office by his coworkers. He had been working overtime last night and skipped lunch today. He was working on a project with a tight deadline.



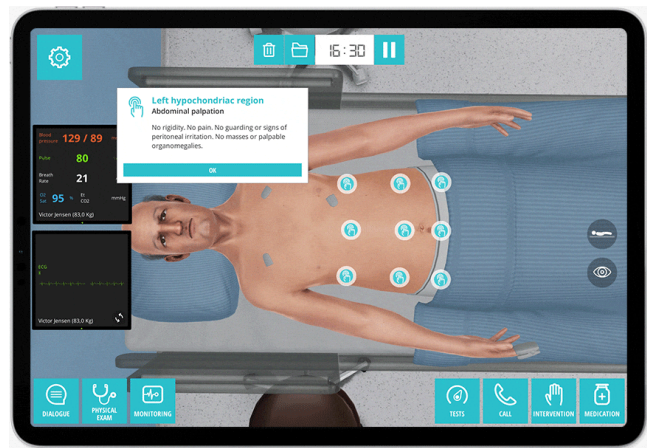
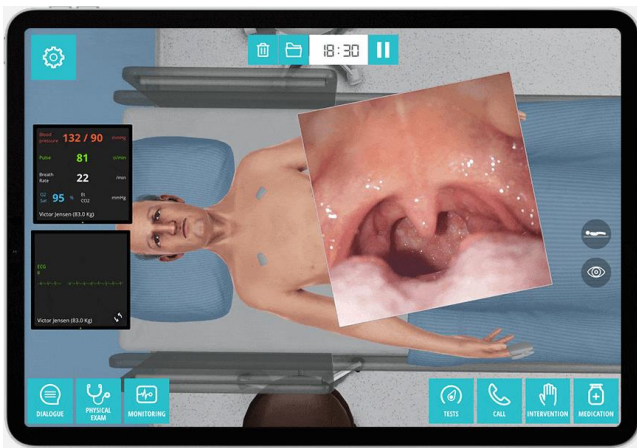
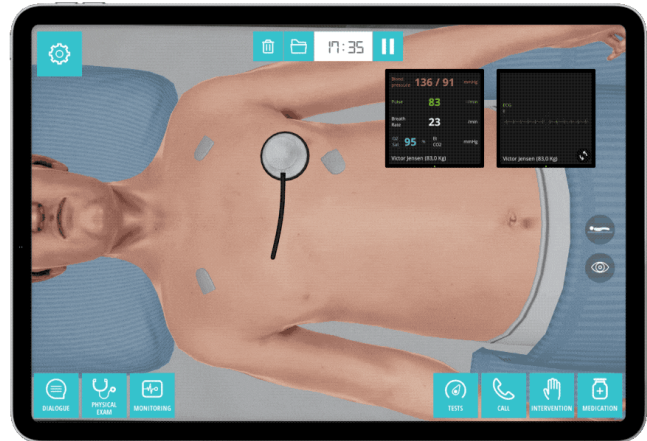
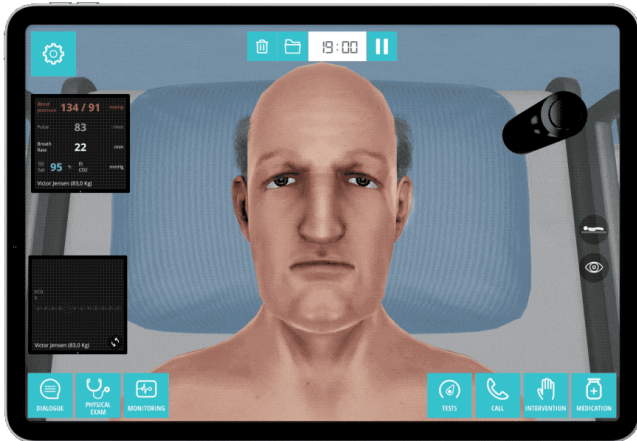
### Dynamic Dialogues

When taking a patient's history, you can ask dozens of questions on a range of different topics.

**Don't forget:** Virtual patients may be aware or confused, agitated or unconscious, or even complaining!

# Physical Examination

Do the Physical Examination following the ABCDE approach  
Airway observation, Breathing, Circulation, Disability and Exposure.



## Monitoring

Real-time vital parameters monitor

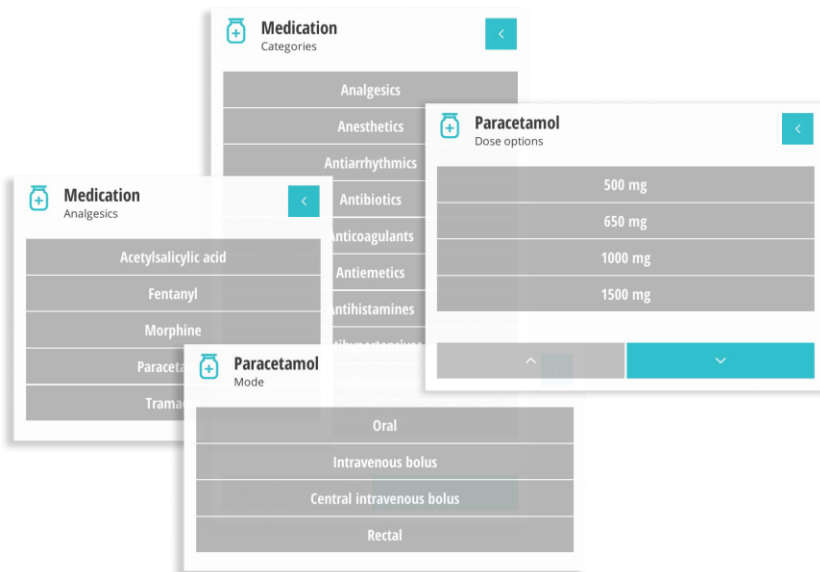
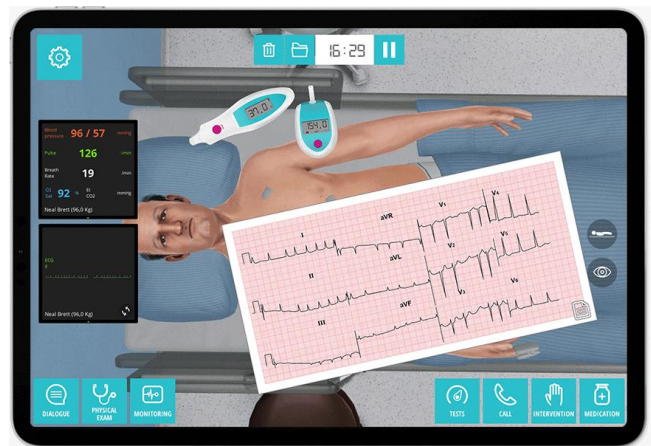
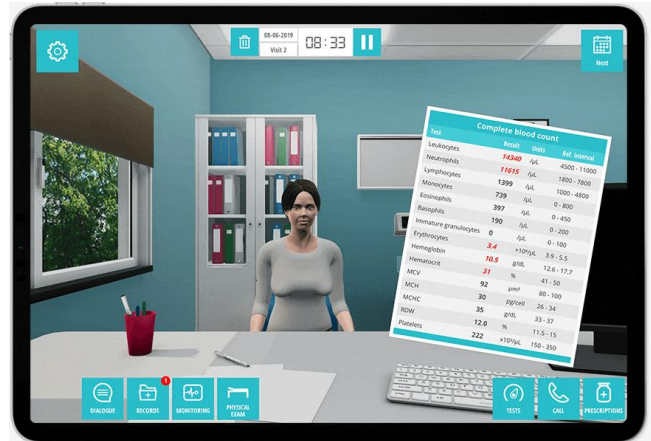
Everything is connected: if the patient deteriorates, all related outcomes will re-adjust.



Design your own diagnosis and treatment plan.  
Just as in the real world, there is no predefined path limiting or forcing your actions.

# Request Exams

Order further examinations to help your diagnosis and treatment plan:  
lab tests, electrophysiology, imaging and decision aids.



## Administering Medication

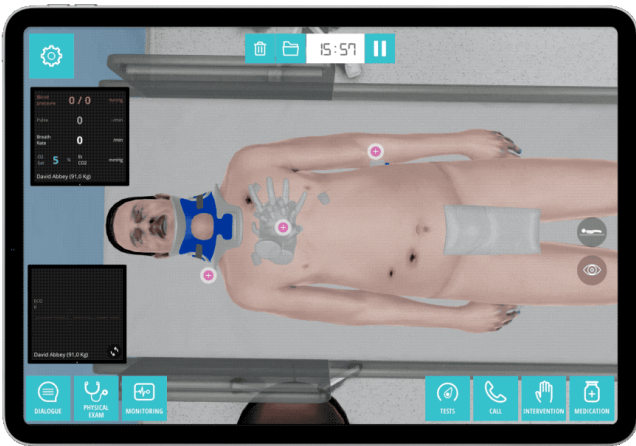
Complete set of drugs and fluids available to be selected by category, administration mode and doses.

Any given medication will have real-time effects on the patient and will change their health condition.

# Intervention

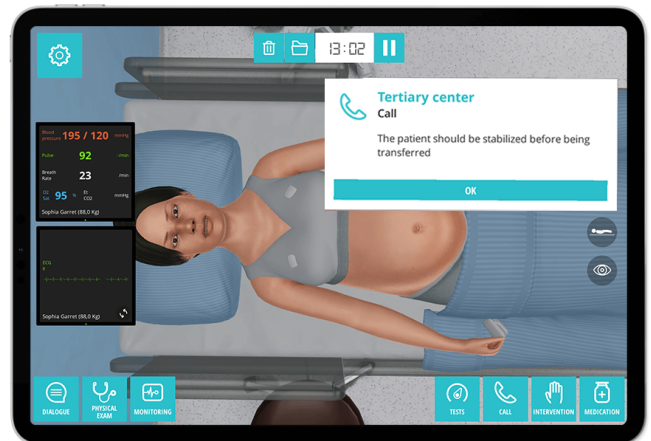
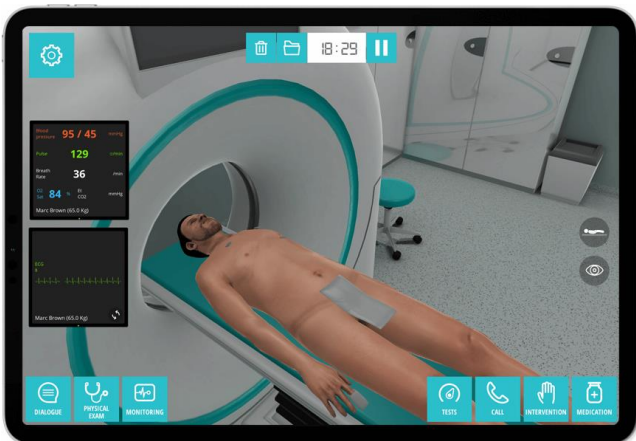
There are plenty of intervention options to be applied, from catheters or defibrillation to chest compressions, oxygen or transfusions.

**You may change patient's position to reduce shortness of breath!**



# Call Specialty

When calling a specialist or other medical staff, you can ask for advice, perform a specific intervention or obtain authorization for a procedure.



## Feedback: the way to success

The key to always keep improving is to understand what you did correctly and how you can learn from mistakes

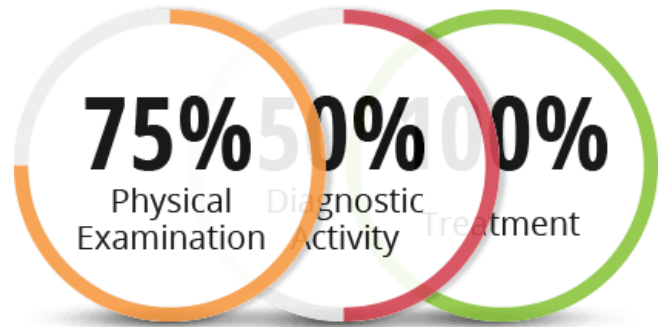
- Check your own performance metrics in accordance to the well-established guidelines.

- The timeline report provides a detailed sequence of actions taken during the simulation. You can debrief on the treatment strategy and the immediate consequences on patient's vitals and health conditions.

Initial health conditions		Monitoring	Untreated conditions
Preeclampsia	Blood pressure	198 / 121 mmHg	
Renal hypoperfusion	Heart rate	94 bpm	
Headache	Respiratory rate	24 /min	
Moderate pain	O2 saturation	95 %	
Severe hypertension	Blood glucose	86 mg/dL	
Oliguria	Temperature	37,1 °C	

Monitoring		Monitoring	Untreated conditions
Blood pressure - ON	Blood pressure	185 / 116 mmHg	Preeclampsia
	Heart rate	88 bpm	Renal hypoperfusion
	Respiratory rate	21 /min	Headache
	O2 saturation	95 %	Moderate pain
	Blood glucose	83 mg/dL	Severe hypertension
	Temperature	37,1 °C	Oliguria



## Инструменты для преподавателей



BI Studio



BI Scenario Editor



BI Augmented Reality