



MedVision

Leonardo VR

Virtual Patient Simulator



Leonardo VR is a comprehensive system to train clinical reasoning and decision making.



EXAMINATION



ANALYSES



TREATMENT



SCREENING



DRUGS



Leonardo VR

A Virtual Patient Simulator is a large interactive multitouch table presenting a virtual patient. The simulator screen also displays physiological parameters, ECG data, assigned laboratory tests results and Xrays of a virtual patient necessary for diagnostic decision making. The simulator allows realtime tracking of any changes in the condition of the virtual patient, manipulations performed by students and relevant patient's reactions to the treatment. After the exercise is finished, the screen displays the assessment of the student's actions according to the specified criteria.

The simulator offers clinical scenarios of different levels of difficulty covering various medical specialties, i.e. cardiology, endocrinology, traumatology, neurology, obstetrics, etc. With the use of the virtual simulator, students greatly improve their skills in making clinical decisions, which increases the competence of health care professionals and reduces the risk of medical errors.

Leonardo VR is a touchscreen table where you can interact with a virtual patient. The table has been designed to acquire diagnostic skills, run treatment, practice clinical decision making and thus accelerate various skills of a healthcare professional.

Control panel

Tap the button and interact with the patient. In the drop-down list, select a question and get a preset reply from the patient.



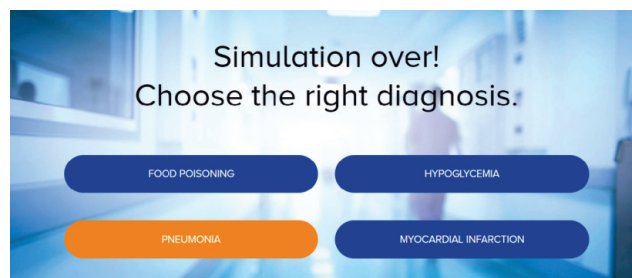
Simulation-based development of clinical reasoning

Patient Library

More than 20...

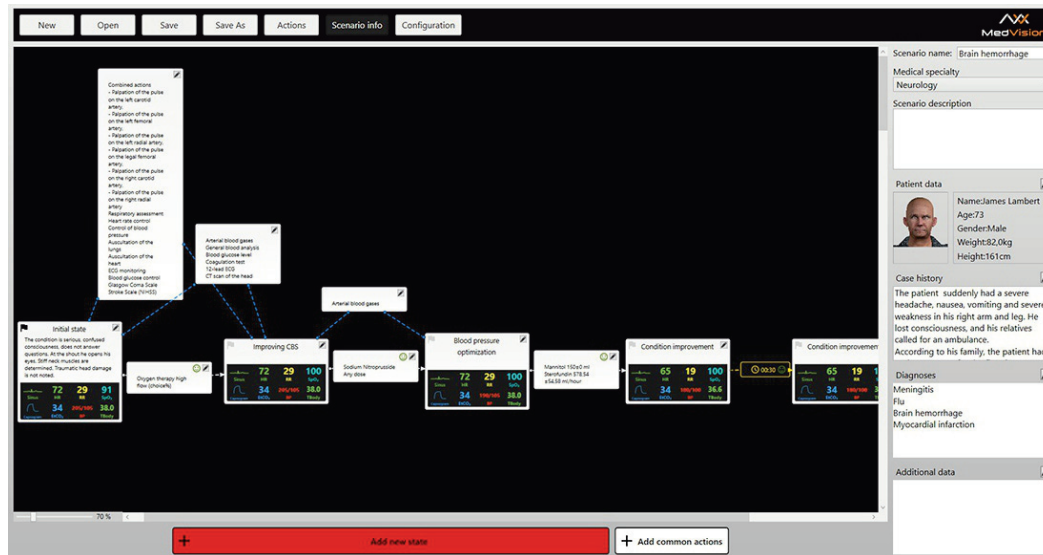


At the end of the simulation, the student should decide upon the diagnosis



Scenario constructor

With Scenario Constructor, you can create an unlimited number of new scenarios and thus build up the functionality of Leonardo VR. The software allows setting the patient's condition as well as triggers causing the change of state.



Clinical case library

- Hypoglycemia
- Septic shock associated with tricuspid valve endocarditis
- Ischemic attack
- Embolic stroke
- Septic shock associated with aortic valve endocarditis
- Diabetes with unstable angina
- ST segment elevation myocardial infarction
- Monomorphic ventricular tachycardia
- Acute hypertensive encephalopathy
- Asthma
- Unstable angina
- Septic shock secondary to pneumonia
- Warfarin-induced brain hemorrhage
- Hypoglycemia induced by sulfonylurea overdoses
- Acute coronary syndrome
- Septic shock associated with hemodialysis with a central venous catheter
- Cardiac tamponade
- Brain hemorrhage

Have you seen our patient simulators?



Leonardo



Mia



Arthur

MedVision is a global company committed to the advancement of quality education in healthcare through simulation. Innovative design and cutting-edge technologies define its range of adult, pediatric, neonatal and surgical simulators.

For further information about any of our products, please contact your local regional representative.

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