

ssmc مدينة الشيخ شخبوط الطبية  
Sheikh Shakhbout Medical City

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Centre of Innovation  
& Medical Simulation

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**“Simulation-based education is the pedagogical approach of providing students with the opportunity to practice learned skills in real-life situations.”**

### **Our Mission**

SSMC strives to deliver holistic, transformational healthcare solutions that exceed expectations and inspire loyalty across the UAE and beyond.

### **Our Vision**

SSMC aspires to become the leading integrated healthcare destination in the region. In alignment, the Simulation Centre aims to be the premier medical education and training hub, providing a safe, effective, simulation-learning environment to enhance the quality of medical care.

### **SCIMS: Pioneering Advanced Medical Simulation**

SCIMS is home to the world’s only Arab-features, high-fidelity simulator. The Leonardo Patient Simulator is designed to represent trauma and intensive care unit patients. It accurately simulates a wide range of cases, including limb amputation, burns, and toxicity.

The Lucina Maternity Simulator is an advanced high fidelity tool, specifically created for complex birth scenarios, providing realistic training for obstetric emergencies.

‘Paediatric Hal’ is an advanced medical care child simulator, capable of facial interactions, visible emotions, and a diverse range of pathologies, making paediatric training more immersive and effective.

In addition, the SSMC Centre of Innovation and Medical Simulation (SCIMS) also boasts both endoscopy and sonography simulators, with over 56 task-specific training modules, covering a wide array of medical procedures.

### **Simulation Progress**

Since the official inauguration of SCIMS, there has been a significant increase in simulation-based training and the fidelity of those trainings. A rise in participant satisfaction and confidence have been noted and, as more data is collected, these statistics will help refine the quality and efficiency of the procedures performed.

### **Introduction to Simulation Courses**

SCIMS offers a variety of programmes aimed at enhancing simulation-based knowledge and faculty development. One of these is the ‘Introduction to Simulation’ course, which provides basic guidelines and practical applications for different simulation-based training methods.

