

SIM X

EMS curriculum

MCA Stroke

- Setting(s): Patient Home & Ambulance
- Description: Assessment and care of an individual with new onset right sided weakness, right sided facial droop, and dysarthria
- Key Learner Goals: Focused neuro assessment, stroke team activation, transport of a patient refusing care

ATLS

- Setting(s): Ambulance
- Description: Assessment and care of a multitrauma patient involved in an MVA
- Key Learner Goals: Primary survey, tension pneumothorax management, secondary survey, tourniquet for hemorrhage control, pain management, report to receiving facility, potential management of cardiac arrest

TCA Overdose

- Setting(s): Patient Home & Ambulance
- Description: Assessment and care of an unresponsive patient with suspected medication overdose
- Key Learner Goals: Manage unknown overdose, check glucose, recognize shock, administer sodium bicarb for TCA overdose/wide QRS, intubate in field, appropriate communication with family

Inferior STEMI

- Setting(s): Ambulance
- Description: Assessment and care of patient with new onset chest pain
- Key Learner Goals: Recognize inferior STEMI, manage shockable cardiac rhythm, activate cath lab, break bad news

Anaphylaxis

- Setting(s): Ambulance
- Description: Assessment and care of an individual with peanut allergy exposure
- Key Learner Goals: Recognize and treat anaphylaxis with option for shock and cardiac arrest

The **most advanced** virtual reality simulation platform **on the planet**



SIM X

EMS curriculum

MCA Stroke

- Setting(s): Patient Home & Ambulance
- Description: Assessment and care of an individual with new onset right sided weakness, right sided facial droop, and dysarthria
- Key Learner Goals: Focused neuro assessment, stroke team activation, transport of a patient refusing care

ATLS

- Setting(s): Ambulance
- Description: Assessment and care of a multitrauma patient involved in an MVA
- Key Learner Goals: Primary survey, tension pneumothorax management, secondary survey, tourniquet for hemorrhage control, pain management, report to receiving facility, potential management of cardiac arrest

TCA Overdose

- Setting(s): Patient Home & Ambulance
- Description: Assessment and care of an unresponsive patient with suspected medication overdose
- Key Learner Goals: Manage unknown overdose, check glucose, recognize shock, administer sodium bicarb for TCA overdose/wide QRS, intubate in field, appropriate communication with family

Inferior STEMI

- Setting(s): Ambulance
- Description: Assessment and care of patient with new onset chest pain
- Key Learner Goals: Recognize inferior STEMI, manage shockable cardiac rhythm, activate cath lab, break bad news

Anaphylaxis

- Setting(s): Ambulance
- Description: Assessment and care of an individual with peanut allergy exposure
- Key Learner Goals: Recognize and treat anaphylaxis with option for shock and cardiac arrest

The **most advanced** virtual reality simulation platform **on the planet**



standard curriculum

Undifferentiated Chest Pain

- Setting(s): Emergency Department
- Description: Assessment of patient with acute onset chest pain and shortness of breath
- Key Learner Goals: Obtain focused history, interpret EKG, interpret chest X-Ray, perform and interpret bedside ultrasound, diagnose massive pulmonary embolism, manage hemodynamic instability, start anticoagulation, consult with intensive care, potential need for ACLS algorithm

Shortness of Breath

- Setting(s): Triage Tent and Isolation Room
- Description: Assessment and care of patients with dyspnea
- Key Learner Goals: Obtain appropriate history, utilize proper PPE, swab for COVID-19, assess and treat dyspnea with potential end states for congestive heart failure, asthma, or pneumonia

Neonatal Resuscitation

- Setting(s): Emergency Department
- Description: Assessment and care of neonatal patient
- Key Learner Goals: Assess pregnant female in labor, recognise low APGAR score, administer positive pressure ventilation, intubate, neonatal CPR, potential for discussion about death

Pediatric Resuscitation

- Setting(s): Emergency Department
- Description: Assessment and care of post syncopal pediatric patient
- Key Learner Goals: Obtain focused history, interpret EKG, interact with EMS, interpret chest x-ray, direct PALS algorithm, consult with pediatric intensive care, explain care to mother

Sepsis (coming soon)

- Setting(s): Emergency Department
- Description: Assessment and care of patient with abdominal pain and fever
- Key Learner Goals: Recognise and appropriately treat sepsis with IV Fluids and antibiotics

Preeclampsia (coming soon)

- Setting(s): Rural Emergency Department
- Description: Assessment and care of pregnant patient with headache
- Key Learner Goals: Recognize preeclampsia with findings including hypertension, right upper quadrant pain, lower extremity edema, and hyperreflexia, eclampsia management with IV magnesium, consult OB/GYN

For more info please contact a representative at
simXvr.com

standard curriculum

Undifferentiated Chest Pain

- Setting(s): Emergency Department
- Description: Assessment of patient with acute onset chest pain and shortness of breath
- Key Learner Goals: Obtain focused history, interpret EKG, interpret chest X-Ray, perform and interpret bedside ultrasound, diagnose massive pulmonary embolism, manage hemodynamic instability, start anticoagulation, consult with intensive care, potential need for ACLS algorithm

Shortness of Breath

- Setting(s): Triage Tent and Isolation Room
- Description: Assessment and care of patients with dyspnea
- Key Learner Goals: Obtain appropriate history, utilize proper PPE, swab for COVID-19, assess and treat dyspnea with potential end states for congestive heart failure, asthma, or pneumonia

Neonatal Resuscitation

- Setting(s): Emergency Department
- Description: Assessment and care of neonatal patient
- Key Learner Goals: Assess pregnant female in labor, recognise low APGAR score, administer positive pressure ventilation, intubate, neonatal CPR, potential for discussion about death

Pediatric Resuscitation

- Setting(s): Emergency Department
- Description: Assessment and care of post syncopal pediatric patient
- Key Learner Goals: Obtain focused history, interpret EKG, interact with EMS, interpret chest x-ray, direct PALS algorithm, consult with pediatric intensive care, explain care to mother

Sepsis (coming soon)

- Setting(s): Emergency Department
- Description: Assessment and care of patient with abdominal pain and fever
- Key Learner Goals: Recognise and appropriately treat sepsis with IV Fluids and antibiotics

Preeclampsia (coming soon)

- Setting(s): Rural Emergency Department
- Description: Assessment and care of pregnant patient with headache
- Key Learner Goals: Recognize preeclampsia with findings including hypertension, right upper quadrant pain, lower extremity edema, and hyperreflexia, eclampsia management with IV magnesium, consult OB/GYN

For more info please contact a representative at
simXvr.com