

PEDIATRIC ASTHMA SIMULATIONS

STORYLINE NAME	OVERVIEW	DESCRIPTION	DISCIPLINE	LEVEL	CONFEDERATE ACTORS OR VIDEO	AUGMENTED REALITY	IPE
Pediatric Asthma	Patrick Armstrong is a 16-year-old patient who present to a clinic for a routine follow- up visit for asthma.	EMR forms are consistent with information usually provided in a clinic setting. He is in stable condition, but in the “yellow zone” on the Asthma Action Plan. Students should perform a focused respiratory assessment using QR codes to simulate various anatomical locations, gather focused subjective data, and document their findings.	Nursing	1		Lung sounds in accurate anatomical locations; Asthma Protocol; Asthma Action Plan; image of peak flow meter	
Pediatric Asthma	Patrick Armstrong is a 16-year-old patient who presents to a clinic for a visit for asthma.	His asthma worsened after being exposed to a cat at a friend’s house, so he called for a same day appointment. He is in stable condition but in the “yellow zone” on the Asthma Action Plan.	Nursing	2		Lung sounds in accurate anatomical locations; videos of correct and incorrect use of peak flow meter; videos of correct and incorrect use of inhalers; Asthma Severity Protocol; Asthma Action Plan; Patient Education Handouts	
Pediatric Asthma	Patrick Armstrong is a 16-year-old patient experiencing an asthma exacerbation.	He attempted to drive himself to the ED, but called 911 when the symptoms worsened. This scenario contains IPE components in that paramedic provides the handoff report to the Nursing student in the ED as the scenario begins, and a respiratory consult occurs in State 2.	Nursing	3	Someone can role play the provider; Someone can role play Respiratory Therapy	Lung sounds in accurate anatomical locations; Asthma Severity Protocol; Asthma Action Plan; Patient Education Handouts	SBAR to provider; SBAR to RT
Pediatric Asthma	Patrick Armstrong is a 16-year-old male patient with known asthma.	He called 911 while experiencing an asthma exacerbation that was worsening when he was trying to drive to the Emergency Department. In the Emergency Department, his condition deteriorated and he did not respond to medical treatment, so he was intubated and placed on mechanical ventilation. Students are entering the situation 30 minutes after he was intubated and placed on a ventilator.	Nursing	4	Video of father; Someone can role play the father; video of RT report; someone can role play the ICU RN	Lung sounds in accurate anatomical locations; video of ventilator alarming; Patient Education Handouts	RT report

