Lakeland Health
Simulation Training Center
The Lakeland Health Simulation Training Center currently offers the following simulations for resident physicians, medical students, nurses, and various other team members:

a. Graduate Medical Education
   i. Bupivicaine OD
   ii. Placenta Previa
   iii. Hepatic encephalopathy
   iv. MI with 3rd degree Atrioventricular block
   v. Acute chest syndrome SSC
   vi. Afib/WPW
   vii. Pancreatitis/ARDS
   viii. OB Trauma
   ix. SCFE
   x. Difficult Airway
   xi. STEMI
   xii. Congenital Adrenal Hyperplasia
   xiii. PPH and Neonatal resuscitation
   xiv. Depression w/suicidal ideation
   xv. Ped. DKA w/ decreased LOC
   xvi. Lightning Strike
   xvii. Hyponatremic Seizure
   xviii. House fire - inhalational injury and cyanide toxicity
   xix. Code Stroke
   xx. Status Epilepticus
   xxi. Adult epiglottitis
   xxii. Calcium channel blocker OD
   xxiii. EM bootcamp- Stroke
   xxiv. EM bootcamp- V tach Stemi
   xxv. Eclampsia
   xxvi. Trauma Fell from horse
   xxvii. OB trauma
   xxviii. Peds anaphylaxis
   xxix. A-fib WPW
   xxx. MI AV Block
   xxxi. Difficult delivery NRP
   xxxii. Organophosphate OD
   xxxiii. Sepsis + cholangitis
   xxxiv. Neck stab wound
   xxxv. Thyroid storm in pregnancy
   xxxvi. Congenital heart defect
   xxxvii. Asthma & tension pneumothorax
   xxxviii. Congenital hyperplasia
   xxxix. House fire - cyanide toxicity
   xl. Herpes encephalitis
   xli. Peds trauma - retroperitoneal bleed
xlii. Hemophilia A (Peds)
xliii. Amitryptiline OD
xliv. CHF - Malignant HTN
xlv. Suicidal aspirin overdose
xlvi. Heatstroke
xlvii. A-fib/RVR
xlviii. Stroke
xl ix. GI Bleed with Hypovolemic shock
  i. COPD/PE
  ii. Hepatic encephalopathy
  iii. Anaphylaxis
  lii. Status epilepticus
liv. Anterior MI
lv. Acute Chest Syndrome – Sickle cell
lvi. Tension Pneumothorax
lvii. Tumor Lysis syndrome
lviii. Tension Pneumothorax
lix. Asthma
lx. GI bleed
lxi. Chest Pain
lxii. Hyperthermia

b. Nursing
  i. Nursing orientation
    1. Code Blue
    2. CHF
    3. Sepsis
    4. Code Stroke
    5. Admission & Assessment
  ii. Advanced nursing
    1. Pancreatitis Assessment and Symptom Management
    2. Pancreatitis Hemodynamic and Respiratory Instability
    3. AICD Malfunctioning
    4. AICD Firing
    5. End of Life Simulation
    6. Hip Fracture – Impaired Mobility
    7. COPD Spontaneous Pneumothorax
    8. Diabetic Hypoglycemia
    9. Bowel Obstruction – Fluid and Electrolytes
    10. Bowel Obstruction – Spiritual Needs
    11. Acute Kidney injury
    12. Acute MI
    13. Severe Asthma
    14. Strep throat
    15. Angina Coronary artery disease
16. CVA- stroke
17. CVA-aspiration
18. CHF-fluid overload
19. CHF-medications management
20. COPD-Oxygen therapy
21. Diabetic insulin administration
22. GI bleed- ethical considerations
23. GI bleed- assessment & patient teaching
24. Hip fracture-impaired mobility
25. Post-op abdominal hysterectomy
26. Liver Cirrhosis-end stage disease
27. Liver cirrhosis-pt. & family teaching
28. Lower leg fracture compartment syndrome
29. Pancreatitis
30. Pneumonia-reaction to antibiotics
31. Post op- PE
32. post op-preventing respiratory emergencies
33. post op abdominal hysterectomy
34. Post-op blood transfusion
35. sickle cell- acute exacerbation
36. sickle cell-acute chest syndrome
37. spinal cord injury- skin integrity
38. spinal cord injury- autonomic dysreflexia

iii. In-Situ Nursing
   1. In-situ COPD
   2. In-situ CHF
   3. In-situ Fundamentals

c. Obstetrics
   i. Post-partum Hemorrhage
   ii. Shoulder Dystocia
   iii. Malignant Hyperthermia

d. Surgery/post-peri op
   i. Malignant Hyperthermia

e. Respiratory therapy
   i. Ventilator Management

f. Sexual Assault Services
   i. Patient interview skills

g. Nutrition services
   i. Patient assessment skills

h. CVL
   i. IABP Competency
   ii. Malignant Hyperthermia

i. AHA
   i. ACLS
ii. BLS
j. American Academy of Pediatrics
   i. NRP
k. Community
   i. Texting-and-Driving
   ii. SWAT Team