Advanced Ultrasound-Resuscitation

Directors: Andrew Butki, DO  
Jereme Long, DO

Locations/Time:  
9/20/21  MSUCHM-Secchia Center - Grand Rapids, MI 1PM-5PM  
10/27/21  Henry Ford Wyandotte - Wyandotte, MI 8AM-12PM  
11/10/21  McLaren Oakland - Pontiac, MI 1PM-5PM

Course Description:

In a rapidly alternating lecture-practice format, emergency medicine residents gain motor skills for image acquisition and learn interpretation of ultrasound images for:

➢ Cardiac
  o Image acquisition
    ▪ Parasternal long axis (PLAX)
    ▪ Parasternal short axis (PSAX)
    ▪ Apical four chamber (A4C)
    ▪ Subxiphoid (SubX)
  o Interpretation
    ▪ Contractility
    ▪ Measurement of End Point Septal Separation (EPSS)
    ▪ Pericardial effusion
    ▪ Pericardial Tamponade
    ▪ Right heart strain
      • D-sign
      • McConnell’s sign
      • Tricuspid annular plane systolic excursion (TAPSE)

➢ Pulmonary
  o Image acquisition
    ▪ Lung sliding
  o Interpretation
    ▪ Lung sliding
    ▪ A-lines, B-lines
    ▪ Pleural effusion

➢ Inferior Vena Cava