BJH & WashU EMS Critical Care Symposium

Date/Time: Monday - October 25, 2021, 8am - 4pm

Location: Mid Campus Center at Barnes/WashU (4590 Children’s Pl, St. Louis, MO 63110), 5th floor

Audience: Emergency Medicine, Critical Care & EMS providers: Paramedics, MD, NP, PA, RN/BSN

General Info: This will be a hands-on conference where people can walk around and go session to session. Each session will be around 25 - 50 minutes w/ 5-10 learners per sessions. (CME/CEU/CNE provided)

Cost: $20.00 per attendee includes food (Please bring cash, check, or money order. No cards please).


Schedule:
08:00 – 08:50  - Opening lecture and introduction to the conference (people will be split into groups).
09:00 – 09:50  - Session 1 (Stations can last 25 - 50 minutes so students may do 1-2 stations per session)
10:00 – 10:50  - Session 2
11:00 – 11:50  - Session 3
12:00 – 12:50  - Lunch (provided)
13:00 – 13:50  - Session 4
14:00 – 14:50  - Session 5
15:00 – 15:50  - Session 6

Educational Stations:
- **ECMO**
  - Live Maquet & Centrimag ECMO set ups
  - indications for ECMO & how it works
  - basic troubleshooting
- **Impella**
  - Live device demo with indications & uses
  - Troubleshooting and tips/tricks for transport
- **VADs**
  - Heart Mate II & III along w/ Heart Ware HVAD simulator
  - Live patients with actual implanted LVADs to interact with
- **Intra-Aortic Balloon Pumps**
  - What it is, how it works, troubleshooting
  - Tips and tricks for EMS and transport
- **Trans Venous Pacers**
  - Simulator on how to float one
  - How to hook it up and adjust settings
• **Ventilator**
  - Hands on setting manipulation
  - Alarms
  - ARDS management
  - Hands on Proning workshop
• **Transesophageal Echo**
  - Basic views & manipulation
  - Cardiac arrest management
• **Transthoracic Echo**
  - Rapid Ultrasound in Hypotension (RUSH Exam)
    - Pneumothorax, tamponade, PE, Dissection, Shock etc...
• **Procedure Lab:**
  - Cricothyrotomy
  - Tracheostomy
  - Chest tube insertion
  - Central line insertion
  - Arterial line insertion
• **Equipment**
  - End tidal CO₂ interpretation, set up and trouble shooting
  - Arterial line set up, trouble shooting and Interpretation
  - PA catheter waveforms
  - General monitor manipulation (pacer mode & data manipulation)
• **Medications**
  - Vasoactive agents (pressors, pump setup & inotropes)
  - Sedation & paralytics (Dosing & how to test twitches)
  - Inhaled pulmonary vasodilators.

**Conference Coordinators & Contact:**

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