

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).

Registration: www.bit.ly/washu-ems

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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