

# Guns, Gels, Drills, & Kings

## Pediatric Airway Management & IO Access

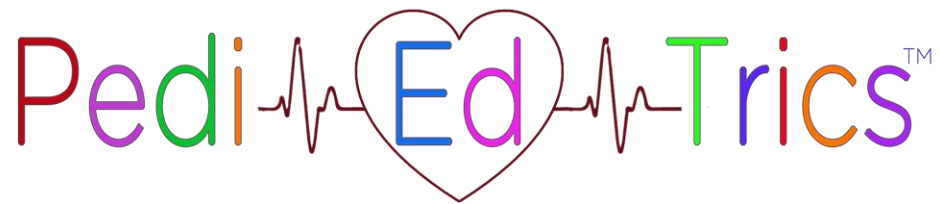
Scott DeBoer RN,MSN,CEN,CPEN,CCRN,CFRN,EMT-P  
Founder: Pedi-Ed-Trics Emergency Medical Solutions  
Scott@PediEd.com

### - Intraosseous (IO) access

- Why?
- Why not?
- How long between "sticking the same bone"?
- Where?
  - Proximal tibia
  - Distal tibia
  - Distal femur
  - Humerus
  - Sternum (only adults)
- Age?
- Which meds?
- Complications?
- How long can you leave an IO in?
- Types of IO toys
  - Jamshidi & Cook - "twist & pop"
  - Bone injection gun (BIG) - "bone gun"
  - EZ-IO - "bone drill"
  - FAST (civilian/military) & TALON (only military) "sternal IOs"

### - Alternate airway management

- Bagging vs. backup/alternate airways
- Bagging vs. intubation & kids
- King airways
  - What size for what size kid?
  - How much air to inflate with?
  - Gastric access
- Laryngeal mask airways (LMA's)
  - What size for what size kid?
  - How much air to inflate with?
  - Gastric access
- i-gels
  - What size for what size kid?
  - Gastric access
- Verification of placement with EtCO<sub>2</sub>?
- Attach to a ventilator?
- How long can you leave them in?
- ABCDE of pediatric cardiac arrest (Handtevy style)



Emergency Medical Solutions, LLC  
Scott@PediEd.com 888-280-PEDS (7337) www.PediEd.com

FOLLOW US



*/PediEdTrics*



*Pedi-Ed-Trics  
Emergency Medical Solutions*



*@PediEd*