



PEDIATRIC INTRAOSSEOUS INFUSION

Candidate: _____ **Date:** _____

Skill Evaluator: _____ **Scenario #:** _____

Time Start: _____ **Station #:** _____

Checks selected IV fluid for: - Expiration date (1 point) - Clarity (1 point)	2	
Selects appropriate equipment to include: - IO needle (1 point) - Syringe (1 point) - Saline (1 point)	3	
Selects proper administration set	1	
Connects administration set to bag	1	
Prepares administration set [fills drip chamber appropriately and flushes tubing]	1	
Draws up 5-10 ml of IV fluid in syringe	1	
Cuts or tears tape prior to IO puncture	1	
Takes/verbalizes body substance isolation precautions prior to IO puncture	1	
Identifies proper anatomical site for IO puncture	1	
Cleanses site appropriately	1	
Performs IO puncture: - Stabilizes tibia (1 point) - Inserts needle at proper angle (1 point) - Advances needle with twisting motion until "pop" is felt (1 point) - Unscrews cap and removes stylette from needle (1 point)	4	
Simulates or verbalizes disposal of needle in proper container	1	
Attaches syringe to extension set or IO needle and aspirates for bone marrow	1	
Slowly injects saline	1	
Connects administration set and adjusts flow rate as appropriate	1	
Assesses proper placement of needle - Needle stands upright (1 point) - IV fluid flows freely (1 point) - No edema noted around injection site (1 point)	3	
Secures needle with tape and supports with bulky dressing	1	

Time End: _____

TOTAL 25

CRITICAL CRITERIA

- _____ Failure to establish a patent and properly adjusted IO line within the 6 minute time limit
- _____ Contaminates equipment or site without appropriately correcting situation
- _____ Failure to assure correct needle placement before attaching administration set
- _____ Failure to successfully establish IO infusion within 2 attempts during 6 minute time limit
- _____ Performing IO puncture in an unacceptable manner [improper site, incorrect needle angle]
- _____ Failure to dispose of needle in proper container or recaps needle
- _____ IV fluid bolus amount not within acceptable range according to scenario

COMMENTS: _____
