

Community College of Aurora
 Practical Exam Skill Sheet
 Pediatric Intraosseous Infusion

Modeled after the National Registry of Emergency Medical Technicians Advanced Level Practical Examination

Student name: _____ Date: _____

Examiner: _____

Signature: _____

Start time _____	Possible Points	Points Awarded
Takes or verbalizes body substance isolation precautions	1	
Checks selected IV fluid for: <ul style="list-style-type: none"> • Proper fluid • Clarity 	2	
Selects appropriate equipment to include: <ul style="list-style-type: none"> • IO needle • Syringe • Saline • Extension 	4	
Selects proper administration set	1	
Connects administration set to bag	1	
Prepares syringe and extension tubing	1	
Cuts or tears tape (at any time before IO puncture)	1	
Identifies proper anatomical site for IO puncture	1	
Cleanses site appropriately	1	
Performs IO puncture <ul style="list-style-type: none"> • Stabilizes tibia • Inserts needle at proper angle • Advances needle with twisting motion until “pop” is felt • Unscrews cap and removes stylette from needle 	4	
Disposes of needle in proper container	1	
Attaches syringe and extension set to IO needle and aspirates	1	
Slowly injects saline to assure proper placement of needle	1	
Connects administration set and adjusts flow rate as appropriate	1	
Secures needle with tape and supports with bulky dressing	1	
Total	23	

End time _____

<i>CRITICAL CRITERIA</i>	
	Failure to establish a patent and properly adjusted IO line within the 6 minute time limit
	Failure to take or verbalize body substance isolation precautions prior to performing IO puncture
	Contaminates equipment or site without appropriately correcting situation
	Performs any improper technique resulting in the potential for air embolism
	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, etc.)
	Failure to dispose of needle in proper container
	Orders or performs any dangerous or potentially harmful procedure

You must factually document your rationale for checking any of the above critical items on the reverse side of this form.