



Department of Human Services  
EMS & Trauma Systems Section  
PO BOX 14450  
PORTLAND OR 97293  
971-673-0520



Exam Date: \_\_\_\_\_

Examiner: \_\_\_\_\_

Certifying Officer: \_\_\_\_\_

Candidate Name: \_\_\_\_\_  
(Last name, First name)

Initial: YES/NO (circle one)

PASS/FAIL

Retest: YES/NO (circle one)

PASS/FAIL

Examiner: \_\_\_\_\_

Time: \_\_\_\_\_  
start finish

### EMT-Intermediate Pediatric IO

Time Limit: 6 minutes

EVENT	Possible Points	Points Awarded
Checks selected IV fluid for: Proper fluid (1 point) Clarity (1 point)	2	
Selects appropriate equipment to include: IO needle (1 point) Syringe (1 point) Saline (1 point) Extension set (1 point)	4	
Selects proper administration set	1	
Connects administration set to bag	1	
Prepares administration set [fills drip chamber and flushes tubing]	1	
Prepares syringe and extension tubing	1	
Cuts or tears tape [at any time before IO puncture]	1	
Takes or 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	
Disposes of needle in proper container	1	
Attaches syringe and extension set or 3-way stopcock 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	

**SEE CRITICAL CRITERIA ON REVERSE SIDE**

**CRITICAL CRITERIA**

*You must factually document your rationale for checking any of the above critical items this form below.*

- \_\_\_\_\_ 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 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, etc.]
- \_\_\_\_\_ Failure to dispose of needle in proper container
- \_\_\_\_\_ Orders or performs any dangerous or potentially harmful procedure