

National Registry of Emergency Medical Technicians[®] Paramedic Psychomotor Competency Portfolio Manual INTRAOSSEOUS INFUSION SKILLS LAB

Student Name:				Date:				
Instructor Evaluator:		Student Evaluator:						
		Signature			Signature			
SCORING								
N/A	Not appli	cable for this patient						

N/A	Not applicable for this patient				
0	Unsuccessful; required critical or excessive prompting; inconsistent; not yet competent				
1	Not yet competent, marginal or inconsistent, this includes partial attempts				
2	Successful; competent; no prompting necessary				
Actual Time Started:		SCORE			
Clearly exp	lains procedure to patient				
Selects, ch	ecks, assembles equipment				
	ution				
	ministration set				
IO 1	needle and insertion device				
Sha	rps container				
Ant	iseptic swabs, gauze pads, bulky dressing, syringe, etc.				
Spikes bag					
Che	cks solution for:				
	Proper solution				
	Clarity or particulate matter				
	Expiration date				
	Protective covers on tail ports				
Che	cks administration set for:				
	Drip rating				
	Tangled tubing				
	Protective covers on both ends				
	Flow clamp up almost to drip chamber and closed				
Ren	noves protective cover on drip chamber while maintaining sterility				
Ren	noves protective cover on solution bag tail port while maintaining sterility				
	erts IV tubing spike into solution bag tail port by twisting and pushing until inner				
seal	is punctured while maintaining sterility				
Tur	ns solution bag upright				
Squ	eezes drip chamber and fills half-way				
Tur	ns on by sliding flow clamp and bleeds line of all air while maintaining sterility				
Shu	ts flow off after assuring that all large air bubbles have been purged				
Performs i	ntraosseous puncture				
Tea	rs sufficient tape to secure IO				
Оре	ens antiseptic swabs, gauze pads				
	es appropriate PPE precautions				
	ntifies appropriate anatomical site for IO puncture				
	anses site, starting from the center and moving outward in a circular motion				
	pares IO needle and insertion device while maintaining sterility				
•	Inspects for burrs				
Stal	bilizes the site in a safe manner (if using the tibia, does not hold the leg in palm of				
	d and perform IO puncture directly above hand)				

Inserts needle at proper angle and direction (away from joint, epipheseal plate, etc.)				
Recognizes that needle has entered intermedullary canal (feels "pop" or notices less				
resistance)				
Removes stylette and immediately disposes in proper container				
Attaches administration set to IO needle				
Slowly injects solution while observing for signs of infiltration or aspirates to verify				
proper needle placement				
Adjusts flow rate as appropriate				
Secures needle and supports with bulky dressing				
Assesses patient for therapeutic response or signs of untoward reactions				
Affective				
Accepts evaluation and criticism professionally				
Shows willingness to learn				
Interacts with simulated patient and other personnel in professional manner				
Actual Time Ended:				
				
TOTAL	/80			
Critical Criteria				
Failure to take or verbalize appropriate PPE precautions				
Failure to dispose of blood-contaminated sharps immediately at the point of use				
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				
Performs IO puncture in an unacceptable or unsafe manner (improper site, incorrect needle	e angle,			
holds leg in palm and performs IO puncture directly above hand, etc.)				
Failure to manage the patient as a competent EMT				
Exhibits unacceptable affect with patient or other personnel				
Uses or orders a dangerous or inappropriate intervention				
Failure to receive a total score of 62 or greater				
Comments:				
	C			
STUDENT SELF-EVALUATION (The examiner is to ask the student to reflect on his/her per				
and document his/her response to the following question:)				
Were you successful or unsuccessful in this skill?				
☐ Unsuccessful				