



National Registry of Emergency Medical Technicians®
Paramedic Psychomotor Competency Portfolio Manual
INTRAOSSIOUS INFUSION SKILLS LAB

Student Name: _____ Date: _____

Instructor Evaluator: _____ Signature _____ Student Evaluator: _____ Signature _____

SCORING	
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 explains procedure to patient	
Selects, checks, assembles equipment	
Solution	
Administration set	
IO needle and insertion device	
Sharps container	
Antiseptic swabs, gauze pads, bulky dressing, syringe, etc.	
Spikes bag	
Checks solution for:	
Proper solution	
Clarity or particulate matter	
Expiration date	
Protective covers on tail ports	
Checks administration set for:	
Drip rating	
Tangled tubing	
Protective covers on both ends	
Flow clamp up almost to drip chamber and closed	
Removes protective cover on drip chamber while maintaining sterility	
Removes protective cover on solution bag tail port while maintaining sterility	
Inserts IV tubing spike into solution bag tail port by twisting and pushing until inner seal is punctured while maintaining sterility	
Turns solution bag upright	
Squeezes drip chamber and fills half-way	
Turns on by sliding flow clamp and bleeds line of all air while maintaining sterility	
Shuts flow off after assuring that all large air bubbles have been purged	
Performs intraosseous puncture	
Tears sufficient tape to secure IO	
Opens antiseptic swabs, gauze pads	
Takes appropriate PPE precautions	
Identifies appropriate anatomical site for IO puncture	
Cleanses site, starting from the center and moving outward in a circular motion	
Prepares IO needle and insertion device while maintaining sterility	
Inspects for burrs	
Stabilizes the site in a safe manner (if using the tibia, does not hold the leg in palm of hand and perform IO puncture directly above hand)	

