



Unlocking
Common ED
Procedures

Feelin' It in my Bones: A Review of Intraosseous Access in the Emergency Department

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✓ Rapid Procedure Review – Intraosseous Access

1. Position patient and site of interest.
2. Palpate landmarks to determine insertion point; mark the skin.
3. Don sterile gown and gloves, apply sterile drape, and sterilize site with antiseptic.
4. (AWAKE ONLY) Anesthetize insertion tract with 2% lidocaine.
5. Insert IO until bone resistance decreases suddenly.
6. Remove stylet/trocar.
7. Examine for correct placement (upright position + flush), attempt to aspirate bone marrow.
8. (AWAKE ONLY) Slowly infuse 2% lidocaine for anesthesia.
9. Flush IO with saline; palpate for infiltration; connect IV tubing.
10. Secure IO with gauze/tape or dressing.



Looking for more detailed information on procedural steps, indications, contraindications, pearls, and pitfalls?

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