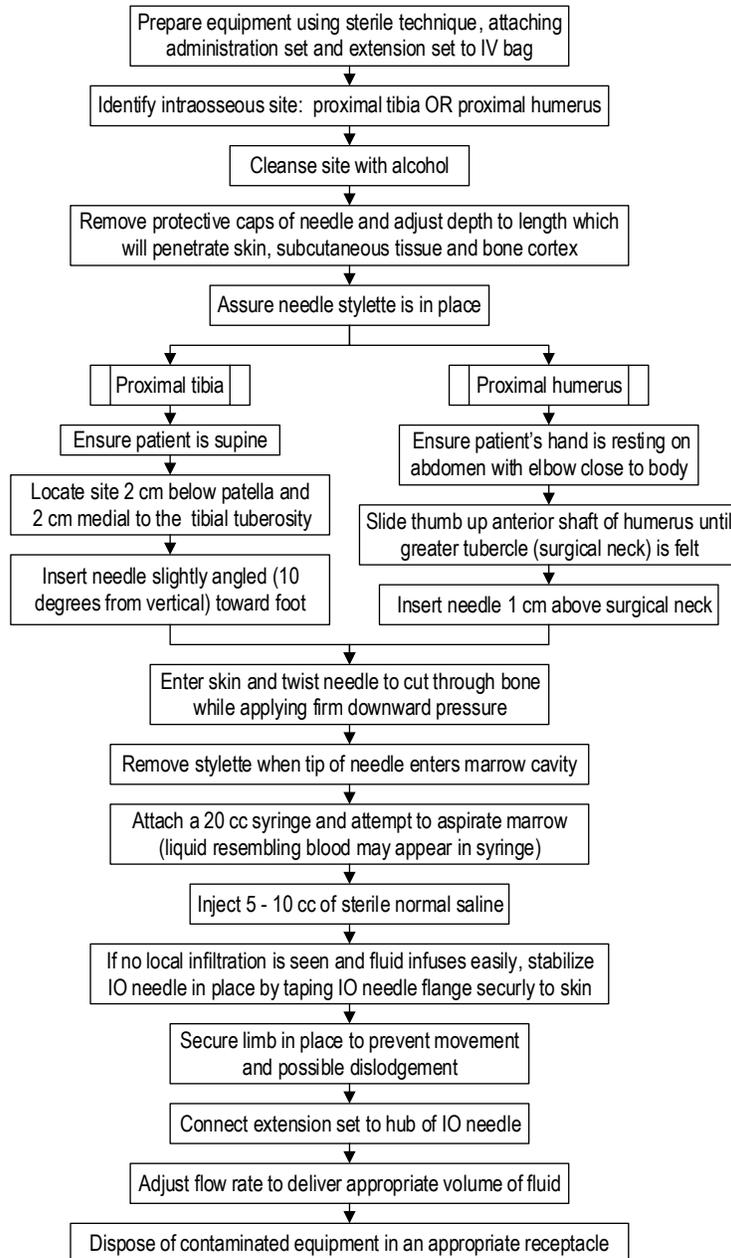


Initial: 9/92
Revised: 11/1/14
Revision: 5

**MILWAUKEE COUNTY EMS  
PRACTICAL SKILL  
INTRAOSSEOUS INFUSION**

Approved: M. Riccardo Colella, DO, MPH, FACEP
Page 1 of 1

<b>Purpose:</b> To provide access to the bone marrow canal as an alternative to an intravenous line for administration of fluids and medication		<b>Indications:</b> An IO line may be established in a patient with signs/symptoms of shock and altered LOC in whom an IV line cannot be established	
<b>Advantages:</b> Provides route for fluid administration Provides route for medication administration	<b>Disadvantages:</b> Requires special equipment and insertion technique	<b>Complications:</b> Infiltration Infection Tibial fracture	<b>Contraindications:</b> Leg fracture Infection over site Delay in transport



**NOTE:**

- Monitor carefully for infiltration. Extravasation of some medications can cause tissue sloughing.
- If initial insertion is unsuccessful, do not remove the needle. Secure the needle, leave in place, and attempt insertion on another limb.