ADULT INTRAOSSEOUS INFUSION
ALWAYS USE BODY SUBSTANCE ISOLATION PRECAUTIONS

INDICATION
- Patient in extremis, cardiac arrest, profound hypovolemia, or septic and in need of immediate delivery of medications / fluids and immediate IV access is not possible

CRITICAL INFORMATION
- All approved ALS IV medications may be administered IO
- No more than 2 attempts for IO access at scene
- Absolute contraindications:
  - Recent fracture of involved bone (less than 6 weeks)
  - Vascular disruption proximal to insertion site
  - Inability to locate landmarks
- Relative contraindications:
  - Infection or burn overlying the site
  - Congenital deformities of the bone
  - Metabolic bone disease

SPECIAL CONSIDERATION
- Pressure bags for optimal flow of IO infusions
- Administer Lidocaine 2% prior to saline bolus if patient responsive to painful stimuli

DOCUMENTATION- ESSENTIAL ELEMENTS
- Insertion site

RELATED POLICIES/ PROCEDURES
- Adult Intraosseous Procedure ALS PR 2