

**INTRAVENOUS/ INTRAOSSEOUS MEDICATION ADMINISTRATION  
EMMCO WEST ALS GUIDELINE**

**Criteria:**

- A. Referring protocol indicates that a patient's condition is indicative of medication administration via IV or IO.

**Exclusion Criteria:**

- A. Patient has allergy to the medication referred to in protocol.
- B. IV line patency is in question. Restart IV in such cases.<sup>1</sup>

**Procedure:****A. IV Bolus**

1. Use appropriate BSI
2. Confirm the indication, medication, dose, and expiration date
3. Draw up medication or prepare prefilled syringe as appropriate
4. Identify the proximal IV port and cleanse with alcohol.
5. Pinch the tubing distal to the port
6. Inject the medication as indicated.
7. Remove the needle release tubing
8. Flush with 20 cc of fluid by opening regulator
9. Dispose of needle appropriately
10. Monitor patient for negative and positive effects.

**B. IV Drip**

1. Use appropriate BSI
2. Confirm indication, medication, dose, and expiration date
3. Prepare fluid bag or bottle, if premixed go to step 9
4. Draw up medication with syringe
5. Cleanse the medication port
6. Insert the medication into the port and inject the medication
7. Gently mix the contents.
8. Label the bag or bottle
9. Connect tubing to drip bag, fill drip chamber then tubing
10. Place the drip tubing needle in the administration bag's port and secure.
11. Reconfirm indication, drug, dose, and route of administration
12. Shut down the primary administration bag
13. Adjust drip rate as indicated or use IV pump as indicated.
14. Monitor patient for negative and positive effects.

**Notes:**

1. Some medications can be very caustic to soft tissue if IV is not patent.
2. Most IV drips use micro drip tubing.

**Possible Medical Command Orders:**

- A. See specific protocol