

# Intramuscular (IM) Injection

**Applies to:**

**P**

Paramedic

## Clinical Indications:

1. Patients with symptomatic signs or symptoms of any of the following:
  - a. Allergic reaction/ Anaphylaxis
  - b. Dystonic reaction
  - c. Pain
  - d. Hypoglycemia
  - e. Seizure
  - f. Hyperactive delirium
  - g. Respiratory depression or apnea associated with opioid overdose
  - h. Vomiting/ Severe nausea
  - i. Vaccinations (only as authorized)



## Procedure:

1. Attach blunt tip or needle to syringe, maintaining aseptic technique.
2. Confirm correct medication and remove cap from medical vial and clean top of vial with alcohol prep. If using a glass ampule, break open ampule at scored neck and discard top of ampule in sharps container. If drawing medication from glass ampule, a filter needle shall be used.
3. Insert needle into vial/ ampule and withdraw appropriate volume of medication.
4. Remove air bubbles from syringe and expel any additional air and fluid to reach correct volume.
5. Replace needle/ blunt tip used to draw medication with a 23 g 1" or longer needle. If needle becomes contaminated at any time prior to injection, change needle.
6. Confirm eight (8) rights for medication administration.
7. Cleanse **LATERAL THIGH** site with alcohol prep using an expanding circular motion.
8. Flatten skin with thumb and forefinger. Make sure not to touch cleansed area.
9. Insert needle at 90° angle to skin.
10. Stabilize needle and depress plunger to inject full dose.
11. Remove needle and activate needle safety mechanism and dispose of needle and syringe in proper sharps container.

