

Medication Injection

INTRAMUSCULAR:

1. Draw up the required dose of medication and expel any air from the syringe.
 - **NOTE:** Injection of *each* deltoid should not exceed 1mL and injection of *each* buttock or thigh should not exceed 2mL (*unless administering IM Ketamine for excited delirium, in which case the entire amount may be injected in one site*).
 - **NOTE:** In infants, the thigh should be used, and quantity should not exceed 1mL per site.
- 2. Perform a medication Cross-Check before administration and inquire about drug allergies.**
3. Expose the target site and cleanse the skin with an antiseptic swab.
4. Flatten the skin with the non-dominant hand, and insert the needle into the muscle at a 90 degree angle.
5. Aspirate for blood.
6. If there is no blood aspirated, inject the medication.
7. Withdraw the needle and dispose of it in a sharps container.
 - **NOTE:** Many accidental needlesticks occur while attempting to recap or handoff a needle. Best practice is to personally discard the needle immediately after use without recapping.
8. Apply pressure to the site and dress with a band-aid.
9. Reassess the patient (including vital signs) and document the medication, dose, route, and time administered.



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SUBCUTANEOUS:

1. Draw up the required dose of medication and expel any air from the syringe.
 - **NOTE:** Injection volume in one site should not exceed 1mL.
 - **NOTE:** In infants, the thigh should be used, and quantity should not exceed 1mL per site.
- 2. Perform a medication Cross-Check before administration and inquire about drug allergies.**
3. Expose the target site and cleanse the skin with an antiseptic swab.
4. Bunch up the tissue with the non-dominant hand, and insert the needle at a 45 degree angle.
5. Aspirate for blood.
6. If there is no blood aspirated, inject the medication.
7. Withdraw the needle and dispose of it in a sharps container.
 - **NOTE:** Many accidental needlesticks occur while attempting to recap or handoff a needle. Best practice is to personally discard the needle immediately after use without recapping.
8. Apply pressure to the site and dress with a band-aid.
9. Reassess the patient (including vital signs) and document the medication, dose, route, and time administered.

