

Medical Procedures**Administration of Endotracheal Medications****Date: 07/01/2023****Policy #7050****I. Purpose:**

- A. To establish indications, guidelines, and the standard procedure for administering endotracheal medications in the prehospital setting.

II. Authority:

- A. Health and Safety Code Section 1797.220, 1798. Title 22, Section 100169

III. Policy:

- A. Only medications approved by Imperial County EMS may be given via the endotracheal route via an established endotracheal tube.
- B. Approved medications for administration via ET tube are in the mnemonic LEAN:
 1. Lidocaine
 2. Epinephrine
 3. Atropine
 4. Naloxone

IV. Procedure:

- A. Ventilate prior to administration of medications
- B. Stop compressions prior to administration if CPR is occurring
- C. Administer drug by inserting syringe into ETT opening and inject medication into ET tube.

Momentarily occlude ETT opening with finger while reattaching oxygenation device to prevent medication from expelling. Ventilate 5 times to disperse drug

- D. Utilize doses in accordance to Imperial County Treatment Protocols

- E. Administration:

1. Adults: Utilize approximately 10 ml of the medication with solution for each administration
2. Pediatrics: Utilize approximately 5 ml of the medication with solution for each administration
3. Neonates: Utilize approximately 2 ml of the medication with solution for each administration

- F. Total volume should not exceed 30 ml. for adults, 15 ml for pediatrics, 6 ml for neonates

- G. Resume compressions if CPR is occurring

- H. Entire medication administration process should not exceed 10 seconds

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APPROVED:

Signature on File

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