

Medical Procedures**Date: 07/01/2021****Administration of Endotracheal Medications****Policy #7050****I. Purpose:**

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

II. Authority:

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

III. Policy:

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

IV. Procedure:

1. Ventilate prior to administration of medications
2. Stop compressions prior to administration if CPR is occurring
3. 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
4. Utilize doses in accordance to Imperial County Treatment Protocols
5. Administration:
 - i. Adults: Utilize approximately 10 ml of the medication with solution for each administration
 - ii. Pediatrics: Utilize approximately 5 ml of the medication with solution for each administration
 - iii. Neonates: Utilize approximately 2 ml of the medication with solution for each administration
6. Total volume should not exceed 30 ml. for adults, 15 ml for pediatrics, 6 ml for neonates
7. Resume compressions if CPR is occurring
8. Entire medication administration process should not exceed 10 seconds

APPROVED:

Signature on FileKatherine Staats, M.D.
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