

Name: _____

SCC #: _____

INGALLS HOSPITAL
EMERGENCY MEDICAL SERVICES

Pharmacology

February 2010

Reading Assignment: Mosby's Paramedic Textbook Third Edition, Chapters 17, 18 and Region VII SMOs.

List the slowest to fastest administration routes for medication absorption.

Define the following routes of administration and give an example of each:

- Topical:

- Pulmonary:

- Parental:

- Enteral:

What factors may influence the actions of drugs?

Discuss the 5 rights of patient drug administration:

Define the following:

- Absorption:

- Distribution:

- Metabolism:

- Excretion:

- Indication:

- Contraindication:

- Antagonism:

Discuss a minimum of three safety considerations when administering medications:

Briefly discuss the Controlled Substance Act and list two medications which may fall under this legislation.

Discuss the blood-brain barrier and the placental barrier.

List the indications and pathophysiology of insulin and streptokinase.

Define the following and list an example for each:

- Antihistamine:

- Diuretic:

- Opiate Antagonist:

Discuss the indications and administration guidelines for:

- Dopamine:

- Lidocaine:

- Aspirin:

- NTG:

List common side effects for the following:

- Diphenhydramine:

- NTG:

- Morphine:

Be prepared to answer questions on the following SMOs:

- Crush Injury
- Hazardous Materials
- Drug Overdose
- Suspected cardiac patient

List the medications that may be safely given down the ET:

Discuss the difference in administration techniques for sub q and IM injections.