



SMART PHARMACOLOGY

LESSON 5

Task 1

Please identify the drugs affecting afferent innervation.

Describe their mechanism of action.

<i>Decreasing the sensitivity of nerve endings</i>	<i>Increasing the sensitivity of nerve endings</i>

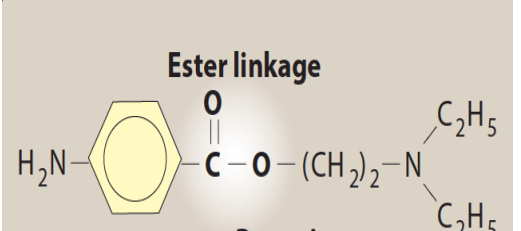
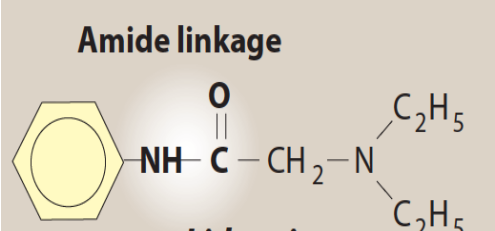
Task 2

Please continue the phrase and define the stages of anesthesia.

Local anaesthetics are medicines

Task 3

Please name the anesthetics according to their classification and fill in the Table.

Characterisitcs	<p style="text-align: center;">Ester linkage</p> 	<p style="text-align: center;">Amide linkage</p> 
Name of the drugs		
Systemic toxicity		
Allergic reactions		
Stability of solutions		
onset of action		

Among the given drugs please define the ones which have antiarrhythmic (A), hypotensive (H), central analgesic activities (CA).

Task 4

Please describe the pharmacodynamics of the following groups of drugs:

- **Coating drugs** _____

- **Astringent drugs** _____

- **Antacids** _____

	Coating	Astringent	Anti-inflammatory	Gastro-protective	Anti-bacterial	Spasmolytic	Adsorbent	Antacid
Aluminium hydroxide								
Maalox								
Almagel								
De-Nol								
Phosphalugel								
Magnesium oxide								
Rennie								

Task 5

Specify the mechanism of action of volatile oils and their peculiarities.

Medicines	Menthol	Validol	Pepper mint	Mustard seed	Eucalyptus leaf
Local irritant					
Distracting					
Anti-inflammatory					
Spasmolytic					
Sedative					
Antiseptic					

Task 6

Please name the drugs that have expectorant activity. Specify their mechanism of action.