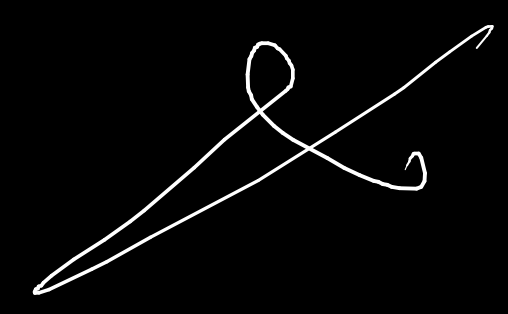
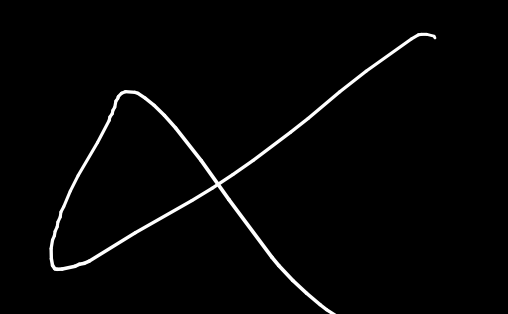
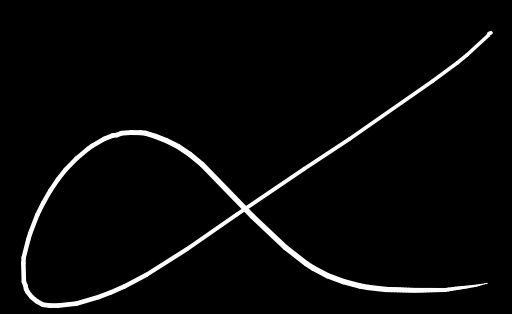
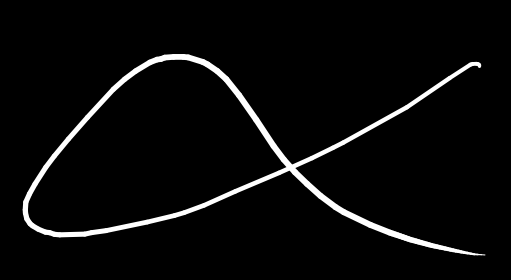
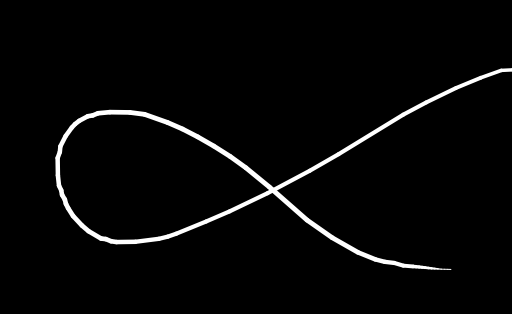
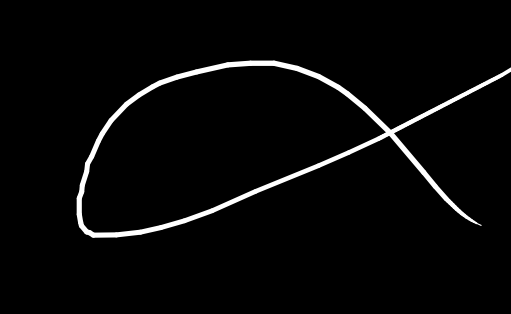
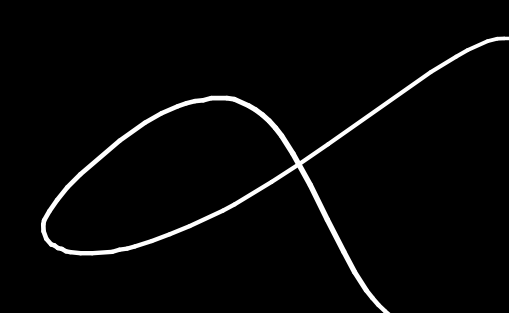
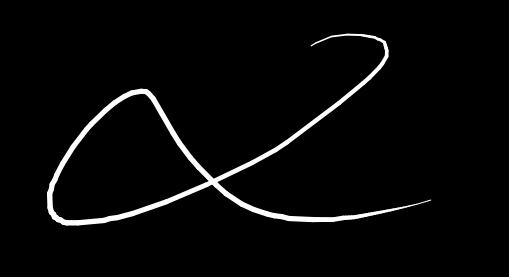


@HzStudy

	Drugs	Mechanism Of Action	Adverse Effect	Therapeutic Uses	More Details
5HT3 Blockers	1-Ondansetron 2-Granisetron 3-Palonosetron 4-Dolasetron	Blockade of central & peripheral 5HT3 receptors	*Headache *Dizziness *Constipation	Prevention & treatment of nausea & vomiting	undergo metabolism by cytochrome P450
NK1 Blockers	Aprepitant	Central blockade of NK1 receptor in CTZ & vomiting center	*Fatigue *Dizziness *Diarrhea	Prevention & treatment of nausea & vomiting	*metabolized by CYP3A4 *inhibit metabolism of other drugs metabolized by CYP3A4
D2 Blockers	1-Metoclopramide 2-Domperidone	*Block D2 receptor in GIT *Block D2 receptor in CTZ	*Elevated prolactin levels (both) *Restlessness & other CNS adverse effect (metoclopramide)	1-in impaired gastric emptying 2-treatment of GERD 3-Prevention & treatment of nausea & vomiting	*in GIT lead to Ach release increase lower esophageal sphincter enhancing gastric emptying *only metoclopramide cross BBB & block receptors in CTZ
H1 Blockers	1-Dimenhydrinate 2-Meclizine 3-Cyclizine		*Dizziness *Dry Mouth	Prevention & treatment of nausea & vomiting	*weak antiemetics if use as single agents
M1 Blockers	Hyoscine or Scopolamine		*Urinary Retention		*Hyoscine (scopolamine) is better tolerated as transdermal patch
Corticosteroids	1-Dexamethasone 2-Methylprednisolone			prevention & treatment of chemotherapy induced nausea & vomiting	enhance efficacy of 5HT3 receptor antagonist
Benzodiazepines	1-Lorazepam 2-Alprazolam			Treating anticipatory vomiting or Vomiting caused by anxiety	
Antipsychotic	1-Prochlorperazine 2-Droperidol 3-Haloperidol	Inhibition of dopamine , muscarinic & histamine receptors	*Extrapyramidal effects *Hypotension *Droperidol can induce arrhythmia	prevention & treatment of chemotherapy induced nausea & vomiting	
Cannabinoids	1-Dronabinol 2-Nabilone		*Euphoria & Dysphoria *Tachycardia *Orthostatic Hypotension	used as appetite stimulant & antiemetics	*Dronabinol is major psychoactive chemical in marijuana

5HT3 Blockers = — setron
Corticosteroids = — one
Benzodiazepines = — am
Antipsychotics = — dol