

Reproductive System - Common Medications

Hormonal Contraception – Birth Control				
Uses:	Subclass	Mechanism of Action	Side Effects	Available Formulations
<ul style="list-style-type: none"> Prevention of pregnancy Dysmenorrhea Hormonal regulation for acne 	Progestin Only	Inhibits the secretion of luteinizing hormone (LH) to prevent follicular maturation and ovulation	<ul style="list-style-type: none"> Breast Tenderness Headaches Fatigue Mood Changes 	<ul style="list-style-type: none"> Tablets IM Injection
	Estrogen & Progestin	Inhibits the production of follicular stimulating hormone (FSH) and LH to prevent ovulation	<ul style="list-style-type: none"> Blood Clots Bloating Heart Attack Nausea Stroke Weight Gain <p>**In addition to the progestin side effects**</p>	<ul style="list-style-type: none"> Tablets Patch Vaginal Ring

Treatment of Menopause				
<u>Hormonal Replacement</u>		Brand	Available Formulations	Side Effects
	Estrogen Only	Vivelle Dot	<ul style="list-style-type: none"> Patch 	<ul style="list-style-type: none"> Bloating Blood Clots Fatigue Headaches Heart Attack Mood Changes Nausea Stroke Weight Gain
		Estring	<ul style="list-style-type: none"> Vaginal Ring 	
		Premarin	<ul style="list-style-type: none"> Oral Tablet Topical Cream 	
	Estrogen & Progestin	Premphase	<ul style="list-style-type: none"> Oral Tablet 	
		Prempro	<ul style="list-style-type: none"> Oral Tablet 	
<u>Non-Hormonal Replacement</u> (approved for the treatment of hot flashes)		Brisdella (Paroxetine – SSRI)	<ul style="list-style-type: none"> Oral Tablet 	<ul style="list-style-type: none"> Constipation Diarrhea Sexual Dysfunction

Treatment of Erectile Dysfunction			
<u>Phosphodiesterase 5 (PDE-5) Inhibitors</u>	Generic (Brand)	Available Formulations	Side Effects
<p>MOA: Increase blood flow to the penis by dilation of the blood vessels</p>	Sildenafil (Viagra)	Oral Tablet	<ul style="list-style-type: none"> Hypotension Headache Flushing Priapism
	Tadalafil (Cialis)	Oral Tablet	
	Vardenafil (Levitra)	Oral Tablet	
	Avanafil (Stendra)	Oral Tablet	
	Alprostadil (Caverject/MUSE)	Injection/Intraurethral Suppository	<p>**DO NOT use nitrates + oral PDE-5 inhibitors!</p> <p>Increased risk of hypotension**</p>

Treatment of Hypogonadism			
Testosterone Replacement Therapy	Brand	Available Formulations	Side Effects
	AndroGel and Testim	Metered-Dose Pumps	<ul style="list-style-type: none"> ▪ Blood Clots ▪ Hyper/hypoglycemia ▪ Hypertension ▪ Increased Cholesterol ▪ Increased Risk of Prostate Cancer ▪ Irritability ▪ Mood Swings
	Androderm	Patch	
	Striant	Buccal Tablet	
	Axiron	Topical Solution	
	Fortesta	Topical Gel	
	Depo-testosterone	IM Injection	