Optum

Long-Acting Reversible Contraception (LARC)

Devices	Paragard [®] - Effective 10 years	Mirena [©] - Effective 8					
Devices	- Effective		1:1-44-©				
	 No hormones Copper based Can be used for emergency contraception 	years 20 mcg/day of levonorgestrel. 10 mcg/d yr 6 Can be used for emergency contraception Amenorrhea rate: • Year 1: 20%	Liletta® - Effective 8 years ~20 mcg/day of levonorgestrel Amenorrhea rate: • Year 1: 19% • Year 2: 27% • Year 5: 42%	Kyleena® - Effective 5 years ~9 mcg/day of levonorgestrel Amenorrhea rate: • Year 1: 12% • Year 2: 20% • Year 5: 23%	Skyla® - Effective 3 years ~6 mcg/day of levonorgesterel Amenorrhea rate: • Year 1: 6% • Year 2: 12%	Nexplanon® - Effective 3 years 68 mg etonogestrel implant; releases ~30-70 mcg/day Amenorrhea rate: • Year 2: 22%	
Where are they placed?	Uterus					Upper arm	
How do they work?	Releases a small amount of copper, causing an inflammatory reaction that decreases sperm's ability to reach the egg	g mucus.				Releases progestin to stop ovulation and prevents sperm from reaching the eggs by thickening the cervical mucus	
Potential Side Effects	Heavier menstrual bleeding and cramps, particularly in the first 6 months 1. Inter-menstrual spotting in the early months 2. Reduces menstrual blood loss significantly and possibly leads to no periods (amenorrhea) after a couple of years of therapy 3. Hormone-related: headaches, nausea, breast tenderness, mood changes, ovarian cyst formation, acne, weight changes. These are less likely with the hormone-releasing IUDs, since the hormones are released within the uterus.						
Efficacy	>99% effective						
Safety	Rare adverse events: Partial or complete expulsion (<5%); consult your healthcare provider if there is an increase in menstrual bleeding. Uterine/cervical perforation (<1%) Ectopic pregnancy (<0.2%) The IUD and the implant do not protect against sexually transmitted infections (STIs), including human immunodeficiency virus (HIV). A male or female condom should be used to provide STI protection.						



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