

Copper T 380A		Levonorgestrel Intrauterine System (LNG-IUS)			
Brand Name	ParaGard®	Mirena®	Liletta®	Kyleena™	Skyla®
Description	T-shaped polyethylene frame with approximately 176 mg of copper wire coiled along the vertical stem and a 68.7 mg collar on each side of the horizontal arm with white threads.	T-shaped polyethylene frame with a steroid reservoir containing 52 mg of LNG; releases approximately 20 mcg per day, decreasing to 10 mcg after 5 years. Silver threads.	T-shaped polyethylene frame with a drug reservoir containing 52 mg of LNG, releases approximately 18.6 mcg per day, decreasing to 12.6 mcg per day at 3 years. Blue threads.	T-shaped polyethylene frame with steroid reservoir containing 19.5 mg of LNG, releases approximately 17.5 mcg per day, decreasing to 7.4 mcg per day after 5yrs. Silver ring visualized on ultrasound and blue threads.	T-shaped polyethylene frame with a steroid reservoir containing 13.5 mg of LNG; releases approximately 14 mcg per day, decreasing to 5 mcg per day after 3 years. Silver ring visualized on ultrasound and silver threads.
Duration of approved use	10 years	5 years	5 years	5 years	3 years
Efficacy	> 99%	> 99%	> 99%	>99%	> 99%
Size of device	32mm x 36mm	32mm x 32mm	32mm x 32mm	28mm x 30mm	28mm x 30mm
Benefits	<ul style="list-style-type: none"> Long term reversible method as effective as sterilization No long-term fertility effects after discontinuation Safe for women who cannot or prefer not to take estrogen 		<ul style="list-style-type: none"> Safe for all ages Safe to use if you have or have not had a child Safe to use with breastfeeding 		
Other Benefits	Can be used as emergency contraception Contains no hormones	May reduce period cramps and make menstrual period lighter FDA approved to treat heavy menstrual bleeding	May reduce period cramps and make menstrual period lighter	May reduce period cramps and make menstrual period lighter	May reduce period cramps and make menstrual period lighter
Bleeding patterns					
➤ First 3-6 months	Increased amount and duration of bleeding	Unpredictable with frequent light bleeding	Increased amount of bleeding and irregular spotting	Increased amount of bleeding and irregular spotting	Increased amount of bleeding and irregular spotting
➤ Common bleeding patterns	Typically heavier and longer with approximately 50% increase in blood loss	Dramatically decreases menstrual bleeding with up to 90% reduction by 6 months	Regular menstrual bleeding decreases, but irregular bleeding and spotting may continue	Regular menstrual bleeding decreases, but irregular bleeding and spotting may continue	Regular menstrual bleeding decreases, but irregular bleeding and spotting may continue
➤ % with no bleeding	0%	1 year: 20% 5 years: 40%	1 year: 19% 3 years: 38%	1 year: 12% 5 years: 23%	1 year: 6% 3 years: 12%
Side effects	Menstrual bleeding changes (heavier and longer periods); cramping after insertion and/or during periods	Menstrual bleeding changes (spotting, lighter or absence of periods); cramping after insertion; abdominal or pelvic pain; benign ovarian cysts; headache or migraine; increased vaginal discharge, vulvovaginitis	Menstrual bleeding changes (spotting and lighter periods); cramping after insertion or during periods; benign ovarian cysts; vaginal/vulvovaginal infection; acne	Menstrual bleeding changes (spotting and lighter periods); cramping after insertion or during periods; vulvovaginitis; benign ovarian cyst; acne abdominal/pelvic pain; headache/migraine	Menstrual bleeding changes (spotting and lighter periods); cramping after insertion or during periods; vulvovaginitis; benign ovarian cyst; abdominal/pelvic pain; headache/migraine; acne