

Endometrial Ablation Treatment Comparison

	minerva ^{ES+1}	NovaSure ^{® 2}	Genesys HTA ^{® 3}	Mara ^{™ 4}	Cerene ^{® 5}
Hysterectomy Rate 3-Year follow up	0.9%	6.3%	10.2%	No Data Available	5%
Success Rate (PBLAC ≤ 75) 1-Year follow up	93%	77.7%	68%	79%	77%
Success Rate (PBLAC ≤ 75) 3-Year follow up	93%	77%	68%	74%	Not Reported
Amenorrhea Rate (zero bleeding) 1-Year follow up	72%	36%	35%	19%	10%
Amenorrhea Rate (zero bleeding) 3-Year follow up	57%	33%	39%	23%	14.4%
Ablation Method	Plasma Thermal Conduction (3 Mechanisms of Ablation)	Predetermined Impedance Termination (Bipolar RF Energy)	Hot Saline (Circulating)	Water Vapor (Steam)	Cryothermic Energy (Liquid N2O)
Power Delivered	Max. 40 Watts Declines during treatment	Max. 180 Watts Constant during treatment	N/A	N/A	N/A
Energy Delivery Time	120 seconds	Avg. 90 seconds	10 minutes	120 seconds	150 seconds
Uterine Perforation Detection Test	Yes 2-Stage (Before treatment)	Yes 1-Stage (Before treatment)	Yes Fluid Pump & Valves (During treatment)	Yes 2-Stage (Before treatment)	Yes 2-Stage (Before treatment)

REFERENCES: (1) Minerva Endometrial Ablation System [Operator's Manual, Sect 8.1]. Santa Clara, CA: Minerva Surgical, Inc; L0120. (2) The NovaSure disposable device [Instructions For Use] Manual. AW-10121-001_004_01_NovaSure Classic device.pdf. Accessed on April 9, 2024. (3) Genesys HTA System [Genesys HTA User's Manual]. Santa Clara, CA: Minerva Surgical, Inc.; 2022, L0131. (4) Mara Water Vapor Ablation System [Instructions For Use] <https://maratreatment.com/healthcare-professionals/hcp-resources/>. Accessed on April 9, 2024. (5) Cerene[®] Cryotherapy Device PMA [Instructions For Use] – IFU 2995 Rev 08. <https://cerene.com/>. Accessed on April 9, 2024. **Note:** Based on Comparing Operators Manuals /SSEDs/IFU's -Not based on head-to-head studies. Results from different clinical investigations are not directly comparable. Information provided for educational purposes only. **Intended Use:** The Minerva endometrial ablation procedure is for premenopausal women with heavy periods due to benign causes who are finished childbearing. The Genesys HTA System is a hysteroscopic thermal ablation device intended to ablate the lining of the endometrial lining of the uterus in premenopausal women with menorrhagia (excessive uterine bleeding) due to benign causes for whom childbearing is complete. **Caution:** Federal (USA) law restricts this device to sale by or on the order of a physician. Rx only. The physician using the system must have sufficient and adequate experience in performing procedures in the uterine cavity, such as IUD insertion, or dilation and curettage (D&C), and diagnostic hysteroscopy. Prior to use, consult the Instructions For Use and/or Operators Manual For Indications and a complete list of contraindications, potential adverse events, warnings and precautions, visit www.minervasurgical.com/safety.