

# Mygen™ V-1000 Generator

Dedicated RF Generator for Gynecologic RFA with Enhanced Safety Features.



### MYOBLATE™ RFA

**Auto Mode** – An impedance-controlled algorithm stops power generation automatically and temporarily in response to increased impedance values.

### EMBLATE™ RFA

**Temperature Mode** – Real-time temperature-controlled algorithm.

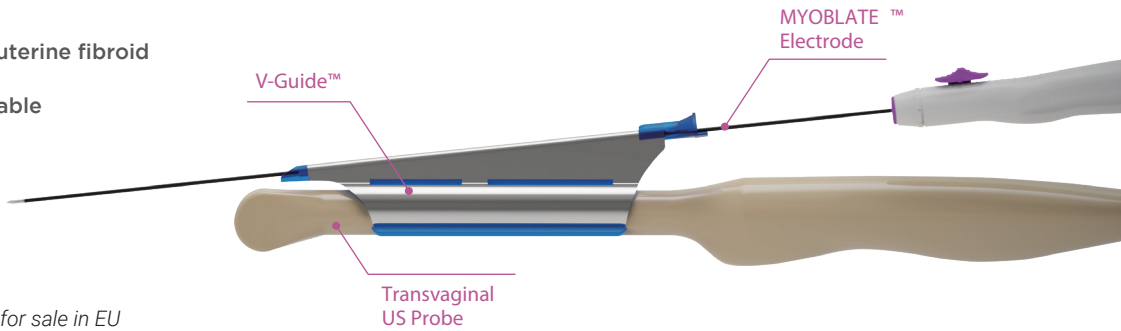
& **Manual Mode** for customized procedures.

### \*V-Guide™

The non-conductive guide allows the electrode to be inserted parallel to the ultrasound probe and facilitates fibroid targeting.

**01** Helps to target the uterine fibroid

**02** Universal fit, disposable and easy to use



\* V-guide is not yet available for sale in EU

# Certification

- ✓

FDA 510(k) cleared
- ✓

ISO 13485
- ✓

CE 1639
- ✓

KFDA / KGMP
- ✓

Brazil ANVISA
- ✓

Saudi Arabia
- ✓

Egypt
- ✓

Vietnam
- ✓

Indonesia
- ✓

United Arab Emirates

\* Availability of Electrodes varies by market, and specific items may not be available for sale in your region.

1.

Hyun Hee Cho, MD, PhD, Mee Ran Kim, MD, PhD\*, and Jang Heub Kim, MD, PhD. Outpatient Multimodality Management of Large Submucosal Myomas Using Transvaginal Radiofrequency Myolysis. Journalof Minimally Invasive Gynecology, Vol 21, No 6, November/December 2014

2.

Chung-Hoon Kim, So-Ra Kim, Hyang-Ah Lee, Sung-Hoon Kim, Hee-Dong Chae, and Byung-Moon Kang. Transvaginal ultrasound-guided radiofrequency myolysis for uterine myomas. Human Reproduction, Vol.26, No.3 pp. 559–563, 2011

3.

Young Lee, MD, PhD, Hyun Hee Cho, MD, PhD, Jin Hong Kim, MD, PhD, Jang Heub Kim, MD, PhD, Mee Ran Kim, MD, PhD, Young Ok Lew, MD, PhD, and SungJin Hwang, MD, PhD. Radiofrequency Thermal Ablation of Submucosal Leiomyoma: A Preliminary Report on Health, Symptom, and Quality of Life Outcomes. JOURNAL OF GYNECOLOGIC SURGERY. Volume 26, Number 4, 2010

4.

Kim CH, Kim SR, Lee HA, Kim SH, Chae HD, Kang BM. Transvaginal ultrasound-guided radiofrequency myolysis for uterine myomas. Hum Reprod. 2011 Mar;26(3):559-63. doi: 10.1093/humrep/deq366. Epub 2011 Jan 7. PMID: 21216788.

5.

Huser M, Papiková Z, Dziaková M, Hudeček R, Ventruba P. Radiofrequency endometrial ablation - new possibility of heavy menstrual bleeding conservative treatment. Ceska Gynekol. 2018 Winter;83(6):418-423. English. PMID: 30848146.

6.

Lee EJ, Kang H, Kwon HJ, Chung YJ, Kim JH, Lee SH. Radiofrequency endometrial ablation with a novel endometrial tip for the management of heavy menstrual bleeding and abnormal uterine bleeding: a prospective study. Int J Hyperthermia. 2020;37(1):772-776. doi: 10.1080/02656736.2020.1778196. PMID: 32619371.

# Specifications

## Mygen™ V-1000 Generator

Product Code	V-1000
Protection Class	I
Protection Type	BF
Input Power Voltage	AC220V - 240V
Input Power Frequency	50/60Hz
Maximum Input Power	300VA
Output RF Frequency	480kHz
Output RF Power	140W
Measuring Temperature	0 ℃ - 200 ℃
Load Impedance Range	Z=25-1000 ff at 480kHz
Alarm Sound	65dB
Software Type	Type G (Auto, Temperature, Manual Mode)



## MYOBLATE™ Electrodes

Product Code	Diameter	Length	Exposure	Product Code	Diameter	Length	Exposure	Type	Application
BTM 2505R(B)	Ø1.5mm	25cm	0.5cm	BTM 2505Q(B)	Ø1.65mm	25cm	0.5cm	Cooled Tip	Uterine Fibroids & Adenomyosis
BTM 2510R(B)	Ø1.5mm	25cm	1.0cm	BTM 2510Q(B)	Ø1.65mm	25cm	1.0cm		
BTM 2515R(B)	Ø1.5mm	25cm	1.5cm	BTM 2515Q(B)	Ø1.65mm	25cm	1.5cm		
BTM 2520R(B)	Ø1.5mm	25cm	2.0cm	BTM 2520Q(B)	Ø1.65mm	25cm	2.0cm		
BTM 2525R(B)	Ø1.5mm	25cm	2.5cm	BTM 2525Q(B)	Ø1.65mm	25cm	2.5cm		
BTM 2530R(B)	Ø1.5mm	25cm	3.0cm	BTM 2530Q(B)	Ø1.65mm	25cm	3.0cm		
BTM 3005R(B)	Ø1.5mm	30cm	0.5cm	BTM 3005Q(B)	Ø1.65mm	30cm	0.5cm		
BTM 3010R(B)	Ø1.5mm	30cm	1.0cm	BTM 3010Q(B)	Ø1.65mm	30cm	1.0cm		
BTM 3015R(B)	Ø1.5mm	30cm	1.5cm	BTM 3015Q(B)	Ø1.65mm	30cm	1.5cm		
BTM 3020R(B)	Ø1.5mm	30cm	2.0cm	BTM 3020Q(B)	Ø1.65mm	30cm	2.0cm		
BTM 3025R(B)	Ø1.5mm	30cm	2.5cm	BTM 3025Q(B)	Ø1.65mm	30cm	2.5cm		
BTM 3030R(B)	Ø1.5mm	30cm	3.0cm	BTM 3030Q(B)	Ø1.65mm	30cm	3.0cm		
BTM 3505R(B)	Ø1.5mm	35cm	0.5cm	BTM 3505Q(B)	Ø1.65mm	35cm	0.5cm		
BTM 3510R(B)	Ø1.5mm	35cm	1.0cm	BTM 3510Q(B)	Ø1.65mm	35cm	1.0cm		
BTM 3515R(B)	Ø1.5mm	35cm	1.5cm	BTM 3515Q(B)	Ø1.65mm	35cm	1.5cm		
BTM 3520R(B)	Ø1.5mm	35cm	2.0cm	BTM 3520Q(B)	Ø1.65mm	35cm	2.0cm		
BTM 3525R(B)	Ø1.5mm	35cm	2.5cm	BTM 3525Q(B)	Ø1.65mm	35cm	2.5cm		
BTM 3530R(B)	Ø1.5mm	35cm	3.0cm	BTM 3530Q(B)	Ø1.65mm	35cm	3.0cm		
VCT 25XXB	Ø1.5mm	25cm	0.5cm-4cm	VCTM 25XXB	Ø1.65mm	25cm	0.5cm-4cm	Variable Exposure Cooled Tip	
VCT 30XXB	Ø1.5mm	30cm	0.5cm-4cm	VCTM 30XXB	Ø1.65mm	30cm	0.5cm-4cm		
VCT 35XXB	Ø1.5mm	35cm	0.5cm-4cm	VCTM 35XXB	Ø1.65mm	35cm	0.5cm-4cm		

- The BTM model electrodes have two types of handles: Standard type, with product codes ending with R or Q, and Articulating type, with product codes ending with (B).
- Most popular commercial codes are shaded in the table.

## EMBLATE™ Electrodes

Product Code	Diameter	Length	Exposure	Product Code	Diameter	Length	Exposure	Type	Application
EMT 2305Q	Ø5.0mm	23cm	0.5cm	EMT 2325Q	Ø5.0mm	23cm	2.5cm	Temperature Control Type	Endometrial Ablation
EMT 2310Q	Ø5.0mm	23cm	1.0cm	EMT 2330Q	Ø5.0mm	23cm	3.0cm		
EMT 2315Q	Ø5.0mm	23cm	1.5cm	EMT 2335Q	Ø5.0mm	23cm	3.5cm		
EMT 2320Q	Ø5.0mm	23cm	2.0cm	EMT 2340Q	Ø5.0mm	23cm	4.0cm		

Para mayor información o contactos de venta, comuníquese con:

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TECNOLOGÍAS MÉDICAS

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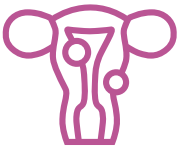
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# MYOBLATE™

## EMPOWERING GYNECOLOGICAL WELLNESS: ADVANCED RADIOFREQUENCY ABLATION THERAPIES

**Thiemed®**  
TECNOLOGÍAS MÉDICAS

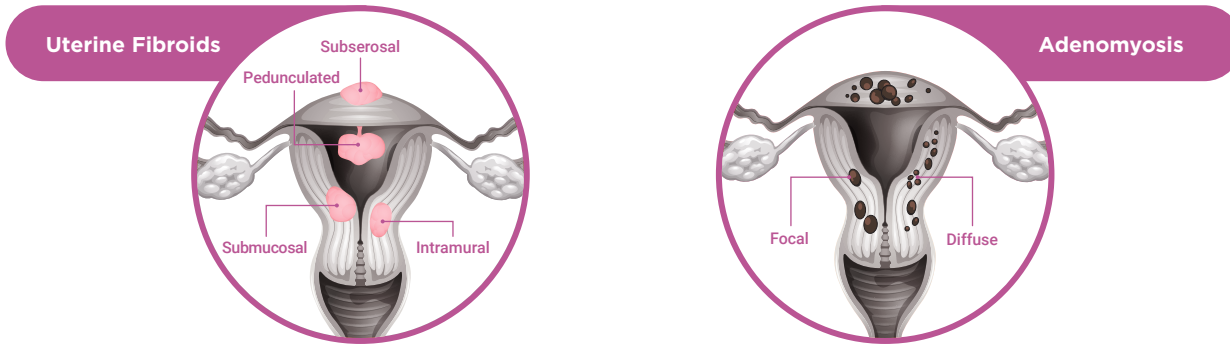




# MYOBLATE™ Radiofrequency Ablation

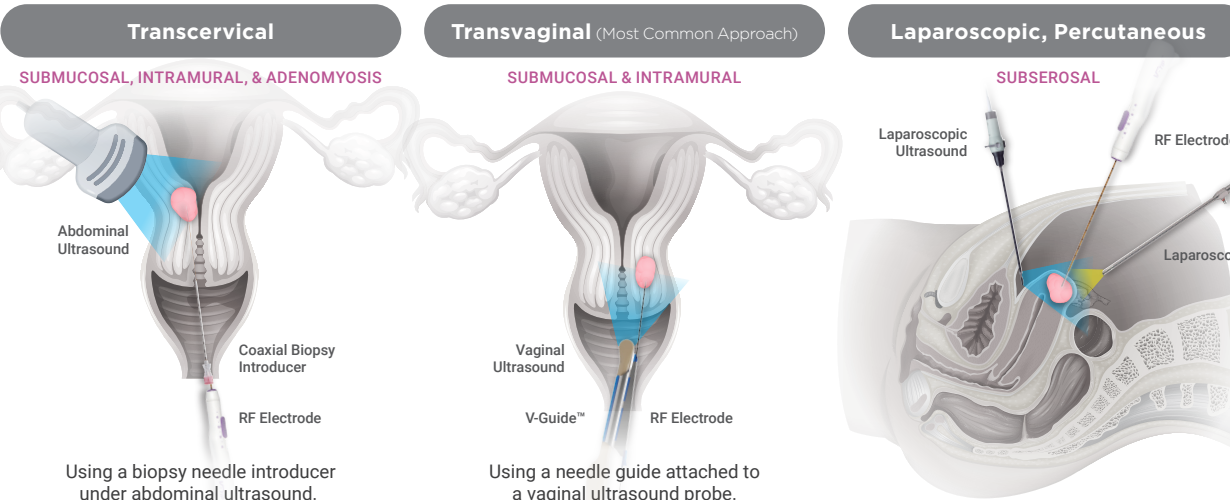
Uterine fibroids, also known as myomas are very common benign tumors, especially in women in their 40s and early 50s. RF Medical has developed a system that effectively and safely treats uterine fibroids.

## Types of Uterine Fibroids and Adenomyosis



## Ways to Approach

MYOBLATE™ offers a multi-modal approach. Choose the best approach depending on the patient pathology, fibroid type and clinical preferences, and tailor the procedure to each patient.

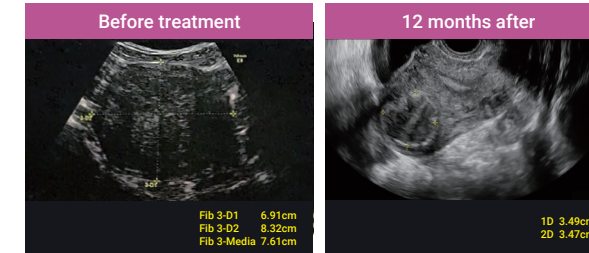


**Procedure Steps Trans-vaginal approach** Procedure times vary depending on the number and size of the fibroids. Patients are typically discharged within a few hours and can expect progressive symptom relief with continual improvement over time.



## Expected Outcomes

The primary goal of MYOBLATE™ treatment is to stop fibroid growth and relieve patient symptoms. In most cases, however, a reduction in the volume of fibroids can also be expected. In general, three months after radiofrequency treatment, the uterine fibroid volume may reduce by 60-90 percent.<sup>4</sup>

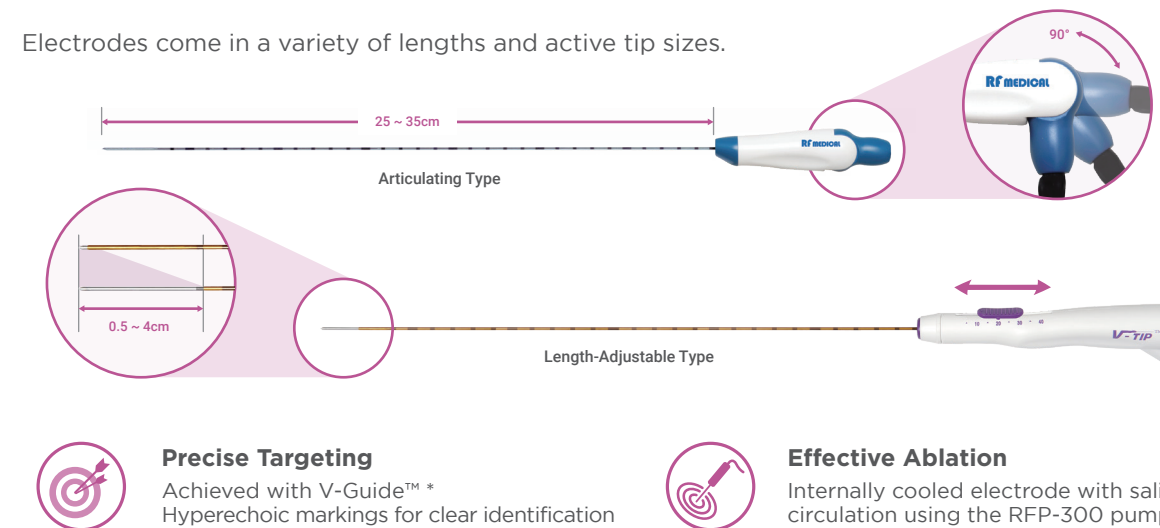


## Features & Benefits of MYOBLATE™ Procedure

- Minimally Invasive
- Fast & simple procedure  
Outpatient procedure
- Choose the best approach for each patient with multi-modal approach
- Low risk of complications<sup>1,2</sup>  
Uterus preservation<sup>1,2</sup>
- Reduced blood loss and pain  
Rapid recovery<sup>1,2</sup>
- Low recurrence rate<sup>3</sup>  
Quicker symptom relief than traditional surgical options<sup>1</sup>

## MYOBLATE™ Electrodes

Electrodes come in a variety of lengths and active tip sizes.



- Precise Targeting**  
Achieved with V-Guide™ \*  
Hyperechoic markings for clear identification
- Effective Ablation**  
Internally cooled electrode with saline circulation using the RFP-300 pump.



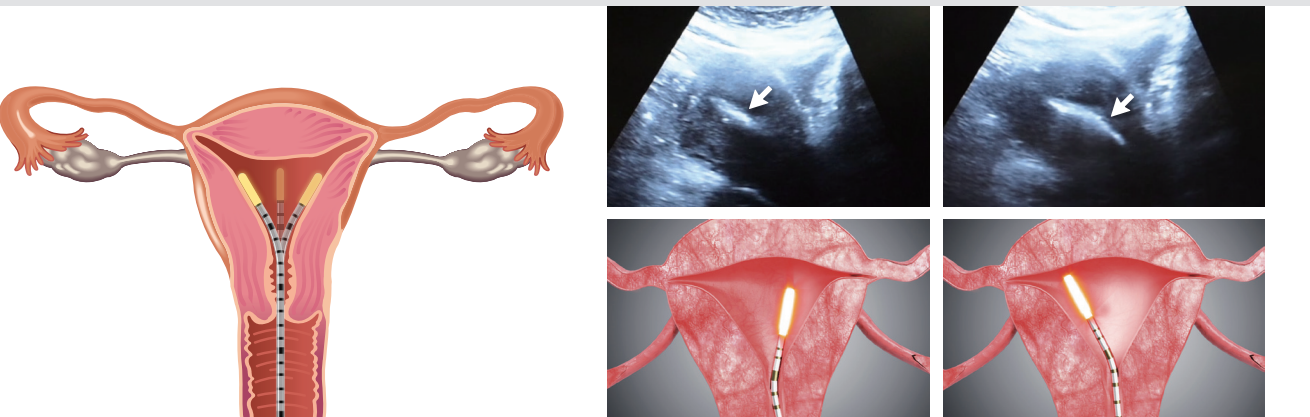
# EMBLATE™ Radiofrequency Ablation

## Hypermenorrhea

Hypermenorrhea is one of the most common uterine symptoms of an abnormal menstrual cycle characterized by heavy menstrual bleeding. Countless women are significantly affected in their daily lives due to this condition.

## EMBLATE™ Endometrial Ablation

Doctors and patients can choose between amenorrhea or eumenorrhea by partially or globally controlling the ablation area to achieve their desired outcome regarding menstrual function.

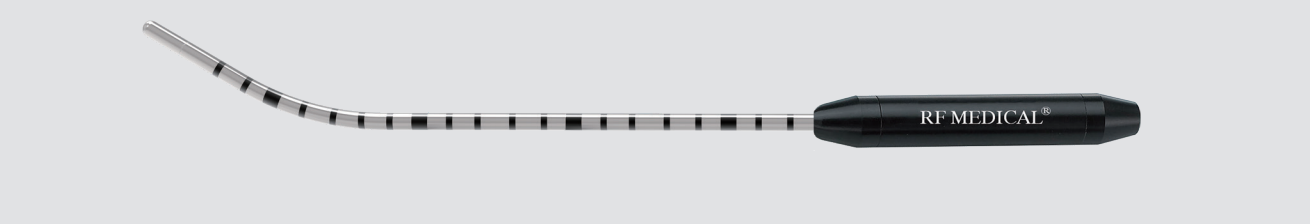


## Features & Benefits<sup>5,6</sup>

- Amenorrhea or Eumenorrhea by Controlling the Ablation Zone
- Uterus Preservation
- Fast and Easy Procedure
- Outpatient Procedure

## EMBLATE™ Electrode

The curved electrode ensures optimal contact with the treatment area, accommodating various uterus shapes and anomalies.



\* RF Medical holds the trademarks MYOBLATE™ and EMBLATE™ for its specific medical device models. Please note that the registration status of each trademark may vary by country. It is important to acknowledge that not all products associated with MYOBLATE™ and EMBLATE™ are registered or available for sale in every country. The availability and registration status of these products may differ depending on local regulations and market conditions.