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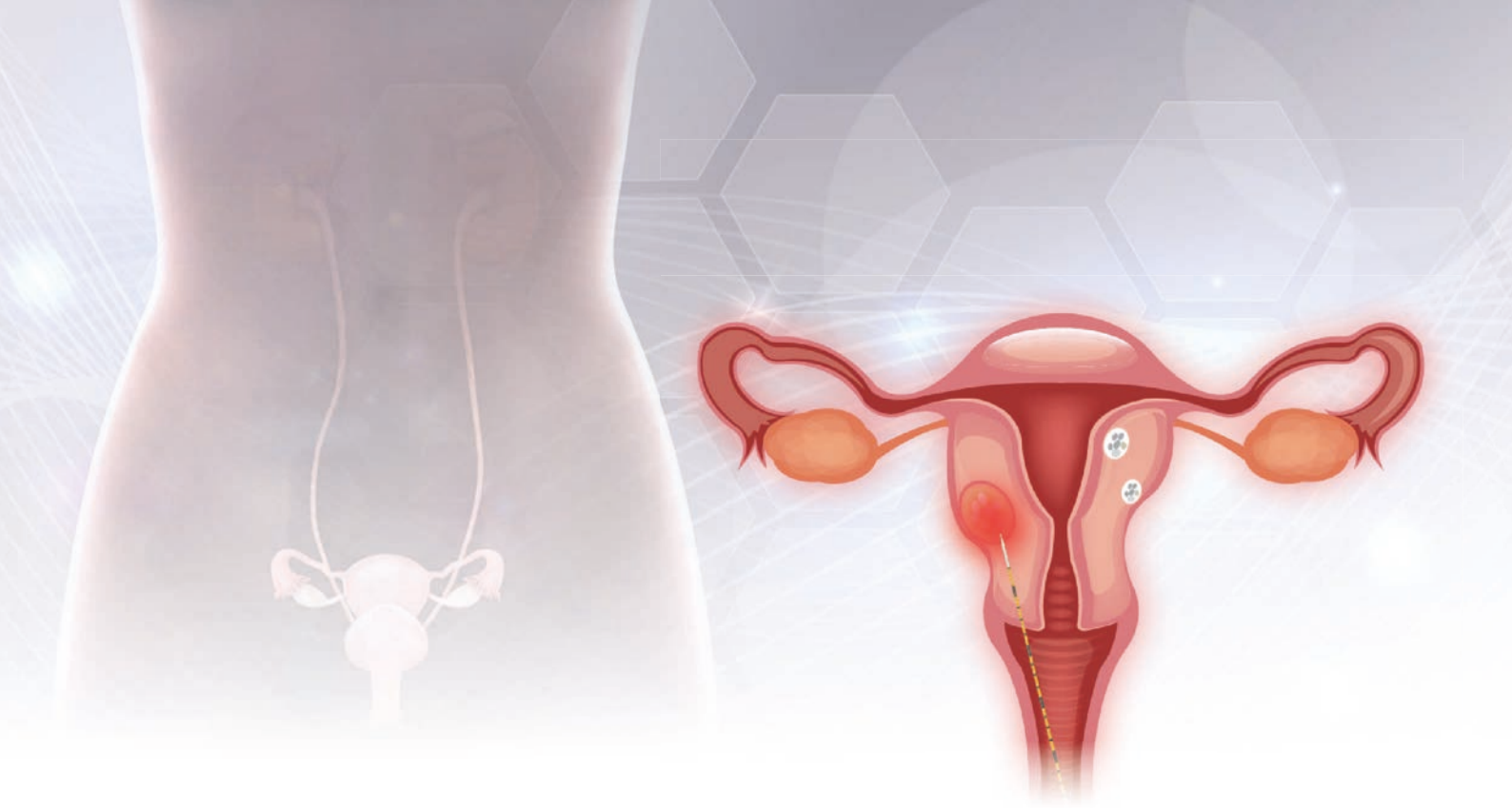
Uterine Fibroid
Radiofrequency Ablation
Minimally Invasive Procedure for Uterine Fibroids

STARmed



What is Uterine Fibroid RFA?

Uterine fibroid radiofrequency ablation (RFA) is the latest uterine-conserving procedure. RFA generates thermal effects inside a fibroid resulting in three distinct therapeutic histological changes:

1. The death of tissue cells from coagulation
2. Formation of vascular thrombosis in the blood vessels that supply the fibroid
3. Inactivation of hormonal receptors within the fibroid that prevents tumor tissue from growing

Clinical Benefits of Uterine Fibroid RFA

1. Minimally Invasive Procedure

"RFA has been used with increasing frequency over the last decade to treat women with uterine fibroids who wish to preserve their uteri and possibly avoid more invasive surgery."[1]

2. Shorter Recovery Time with QOL

"It has been recently suggested to be the optimal technique because it is an outpatient, safe, and fast procedure with a rapid recovery, quick return to normal menstruation, major reduction of myoma volume, and correction of anemia."[2]

3. Safe and Effective Treatment

"RF ablation seems to be a safe and effective minimally invasive outpatient procedure for uterine myomas."[3]

"RF ablation is a low-cost procedure with an effectiveness and impact on myoma-related symptoms comparable to those of other minimally invasive innovations."[4]

Minimally-invasive

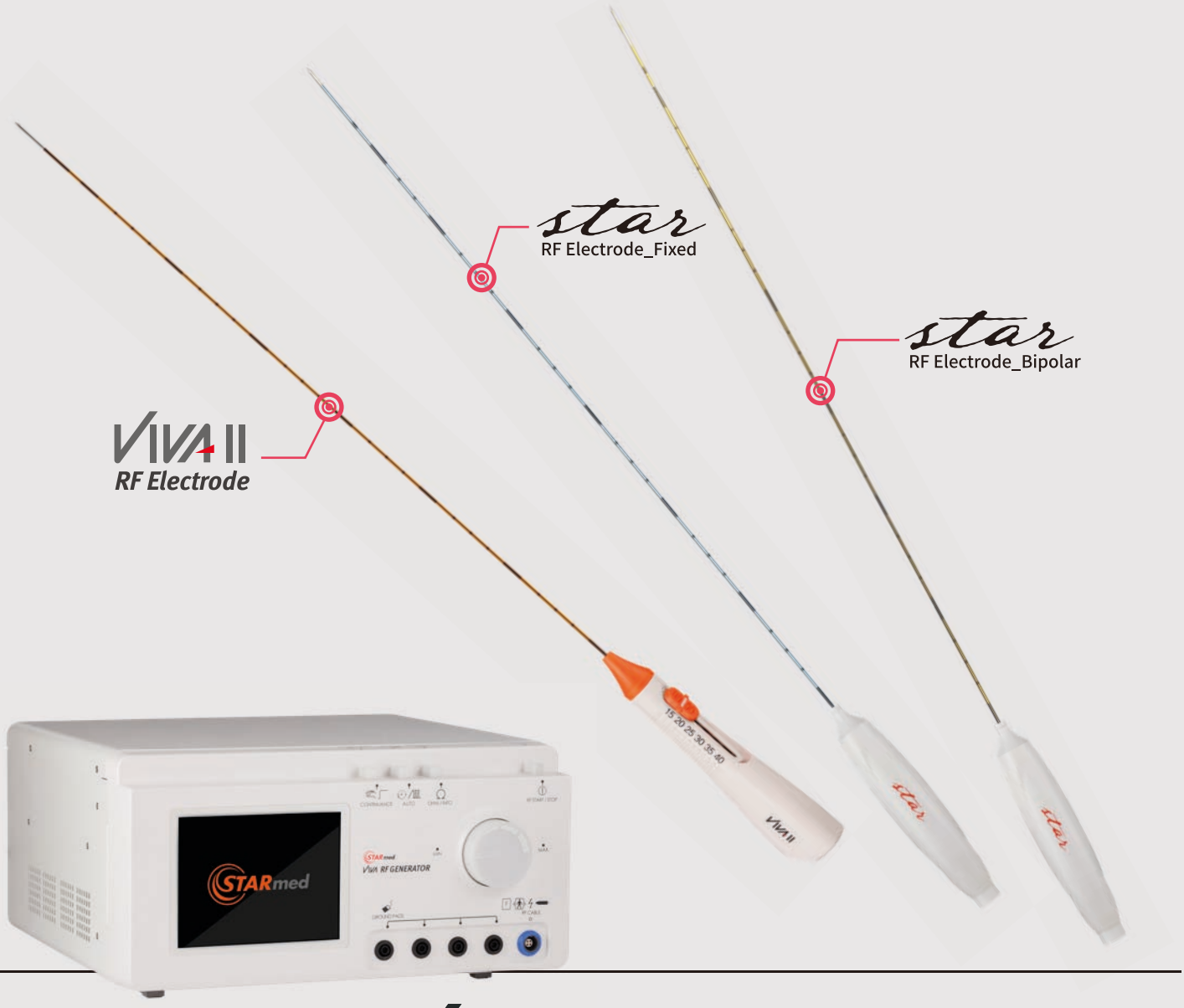
Short procedure time

Quick recovery

Low complication rate

Why STARmed?

- Complete range of electrode types & specifications
- Clear visualisation of electrode tip on ultrasound
- Easy & smooth electrode control

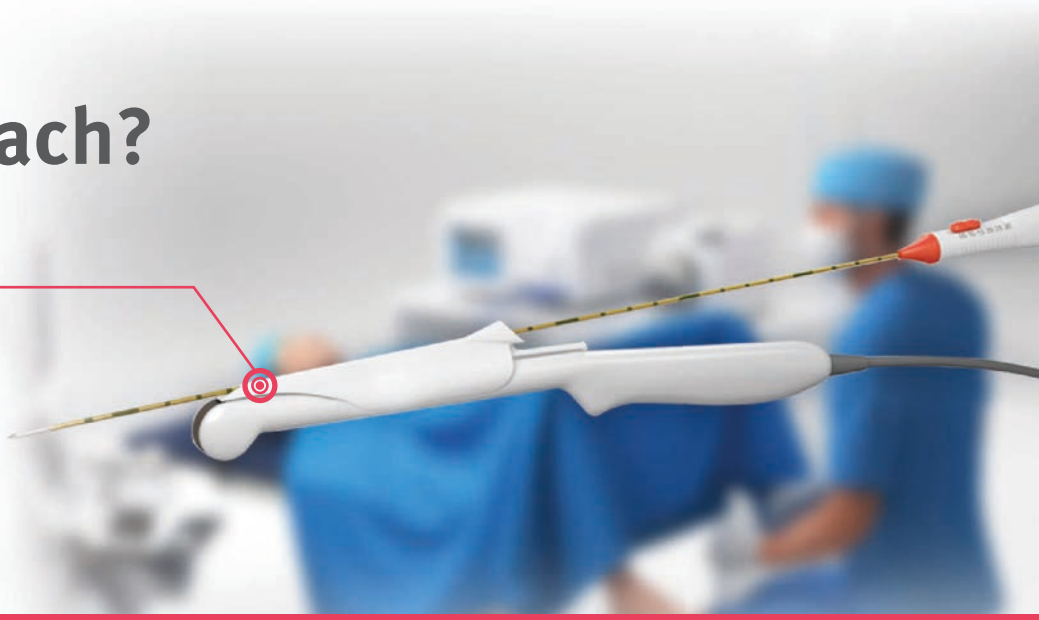


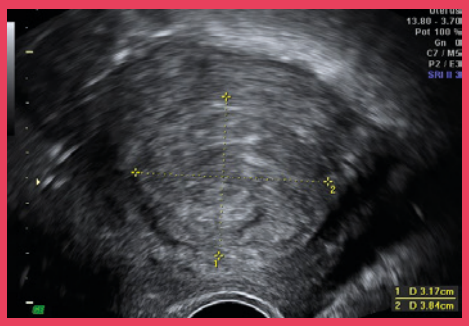
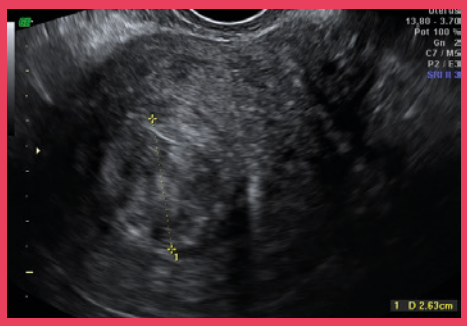
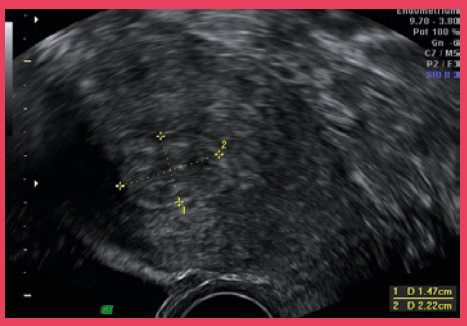
VIVA
RF Generator

- Dedicated mode for Uterine Fibroid RFA
- Advanced ablation system with impedance control
- Integrated calibration check for patient safety

How to Approach?

- Transvaginal Approach
- Laparoscopic Approach
- Hysteroscopic Approach



Initial Ultrasound	1 Month	6 Months
		
37x32x35 mm (21.54 cm³) 8 days total bleeding, 6 HMB	26X28X22 mm (8.32 cm³) ⬇ 62% 6 HMB, 4 HMB (33%)	18x20x19 mm (3.83 cm³) ⬇ 83% 4 TB, 4 HMB (25%)

Product Specification

Specification \ Model name	star RF Electrode_Fixed	star RF Electrode_Bipolar	VIVA RF Electrode_V2
Gauge	17 G	17 G	17 G
Length	250 mm, 350 mm	250 mm, 350 mm	250 mm, 350 mm
Active Tip	10 – 40 mm	16 mm, 20 mm	5 – 30 mm, 15 – 40 mm

[References]

1. J Laparoendosc Adv Surg Tech A. 2019;29(12):1507-1517. Clinical Performance of Radiofrequency Ablation for Treatment of Uterine Fibroids: Systematic Review and Meta-Analysis of Prospective Studies.
2. J Laparoendosc Adv Surg Tech A. 2019;29(1):24-28. Transvaginal Radiofrequency Ablation of Myomas: Technique, Outcomes, and Complications.
3. Hum Reprod. 2011;26(3):559-63. Transvaginal ultrasound-guided radiofrequency myolysis for uterine myomas.
4. Am J Obstet Gynecol. 2005;192(3):768-73. Laparoscopic radiofrequency thermal ablation: A new approach to symptomatic uterine myomas.

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