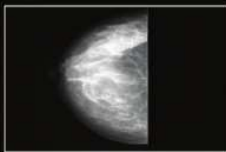


The Best Choice for Radio Frequency Ablation Therapies!

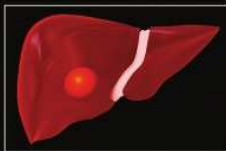
Only one Multi-Purpose RF Ablation system in the world with
variety of dedicated electrodes!



Snoring



Breast Cancer



Liver Cancer



Renal Cancer



Uterine Fibroid



Varicose Vein



Thyroid



Lung Cancer



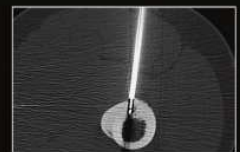
Hypersplenism



Insulinoma



Bone Metastasis



Osteoid Osteoma



Company Introduction

For the healthier world!

RF Medical Co., Ltd. has been researching and developing new medical treatment modalities and Electro Surgical devices, which are minimal invasive and patient friendly using Radiofrequency since 2003. Our RF Generators are the only one Multi-Purpose RF Ablation generators in the world and their applications are the most various with vast ranges of dedicated electrodes.

RF Medical Co., Ltd. firmed its position as national best in the field through constant R&D investment and along with great response our technologies are being recognized even better at oversea market where technical barrier is high.

Certificates



CE 0120

ISO 9001&2008

ISO 13485

Korea KGMP

Tiwan TFDA

China SFDA

Russia GOST

Patents

- ▶ 5 domestic patents are registered.
- ▶ 2 International patents are registered (USA, Japan, China, Germany, France, UK, Italy, Spain...)
- ▶ 10 other patents have been applied for the registration.



Management Philosophy

EXPLORING THE BLUE OCEAN

Developing new medical treatment modalities and equipment which are unique and essential to improve the quality of life

SMALL BUT STRONG COMPANY

Small company but No. 1 in its field
Moving forward and leading the market

HARMONY OF CUSTOMER'S AND SHAREHOLDER'S PROFIT

Not pursuing only shareholder's profit nor tolerating shareholder's loss
In pursuit of harmony of patients, customers and shareholders

History

- 
2003. DEC. Established as a private firm, RF Medical Systems
2004. JUL. Acquired certificate of Manufacturing and license of items from KFDA
2005. JAN. Registration of patent about Cooled Wet Electrode
2005. SEP. Acquired certificates of CE 0120, ISO 9001 and ISO 13485 from SGS United Kingdom
2006. FEB. Acquired certificate of KGMP from Korea Food & Drug Administration
2006. JUL. Appointed Venture Business Company by Small & Medium Business Administration
2006. OCT. Registration of patent about Sensor Electrode
2009. NOV. Acquired certificate of GOST in Russia
2010. MAR. Acquired registration certificate from Taiwan Food & Drug Administration
2011. AUG. Acquired registration certificate from State Food & Drug Administration in China

Business Area

- ▶ Liver RFA
- ▶ Bloodless liver resection
- ▶ Lung RFA
- ▶ Disposable biopsy needle
- ▶ Guiding system for Lung biopsy needle & RFA
- ▶ Varicose vein treatment
- ▶ Cosmetic skin care & Rejuvenation
- ▶ RFA for bone tumors
- ▶ RF Thyroid
- ▶ RF Myolysis
- ▶ Endometrial Ablation
- ▶ RFA Renal cancer
- ▶ Renal denervation for Hypertension
- ▶ Treatment for various kinds of tumors



The Best Choice of Radio frequency Ablation system

RF ABLATION SYSTEM M-2004

1. Can adapt various kinds of electrodes : Internally cooled electrodes, Saline perfusion electrodes, Bi-polar electrodes, Expandable needles and more.
2. Can operate under high impedance tissue.
3. Can operate under fluctuating impedance feed-back.
4. Different tissue, different algorithm.
5. Dedicated temperature control for each bone, endometrial ablation, varicose vein, snoring with separated memory buttons.
6. Smart operating sound makes users free from watching the RF generator.
7. Graphic software for data recording available.

Specifications

Thermo-therapy current type	Soft coagulation
Protection class	I
Type	BF
Main voltage	AC220[V]±10%
Main Nominal Frequency	50/60Hz
Maximum input power	350VA
Output Nominal frequency	400kHz
Max, RF power	200W±3%
Operating Temperature	(0℃~99℃)±3℃
Load Impedance Range	Z=30~1000Ω at400KHz
Alarm sound	65dB

*Specifications are subject to change without notice.



UPGRADED NEW GENERATOR

M-3004 AVAILABLE FROM YEAR 2013



Features

- ▶ Compatible with various electrode types
- ▶ Various treatment algorithms in memory
- ▶ 7" TFT LCD touch screen with smart UI
- ▶ Advanced Self Test function
- ▶ Switching Control System for larger ablation sizes
- ▶ Easy S/W upgrade and data download by USB(Front)
- ▶ Easy PC Monitoring by USB(Back)
- ▶ Patient pad Monitoring System
- ▶ 3 channels of temperature sensing at the same time.
- ▶ Monopolar and Bipolar electrode can work together
- ▶ Voice information system

Specifications

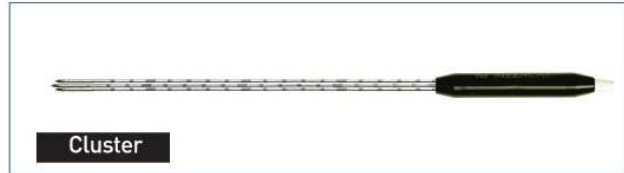
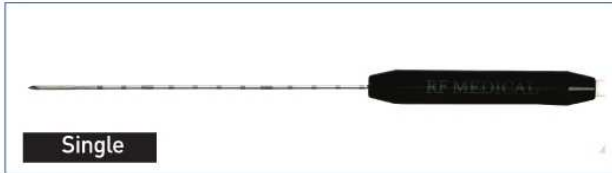
Thermo-therapy current type	Soft coagulation
Protection class	I
Type	BF
Main voltage	AC220[V]± 10%
Main Nominal Frequency	50/60Hz
Maximum input power	400VA
Output Nominal frequency	400kHz
Max, RF power	200W±3%
Operating Temperature	(0°C~139°C)±3°C
Load Impedance Range	Z=25~1000Ω at400KHz
Alarm sound	65dB

*Specifications are subject to change without notice.



Big-Tip (Internally Cooled Electrode)

“Fast, Safe, Regular shape”



Specifications

Product Code	Diameter	Length	Exposure	Type	Application
BT 1005(B)	Ø1.5 mm	10 cm	0.5 cm	Single Cooled Tip	For Liver Cancer, Lung Cancer, Kidney Cancer and Breast Cancer
BT 1010(B)	Ø1.5 mm	10 cm	1.0 cm		
BT 1015(B)	Ø1.5 mm	10 cm	1.5 cm		
BT 1020(B)	Ø1.5 mm	10 cm	2.0 cm		
BT 1025(B)	Ø1.5 mm	10 cm	2.5 cm		
BT 1030(B)	Ø1.5 mm	10 cm	3.0 cm		
BT 1510(B)	Ø1.5 mm	15 cm	1.0 cm		
BT 1515(B)	Ø1.5 mm	15 cm	1.5 cm		
BT 1520(B)	Ø1.5 mm	15 cm	2.0 cm		
BT 1525(B)	Ø1.5 mm	15 cm	2.5 cm		
BT 1530(B)	Ø1.5 mm	15 cm	3.0 cm		
BT 1540(B)	Ø1.5 mm	15 cm	4.0 cm		
BT 2020(B)	Ø1.5 mm	20 cm	2.0 cm		
BT 2025(B)	Ø1.5 mm	20 cm	2.5 cm		
BT 2030(B)	Ø1.5 mm	20 cm	3.0 cm		
BT 2040(B)	Ø1.5 mm	20 cm	4.0 cm		
BT 2530(B)	Ø1.5 mm	25 cm	3.0 cm		
BT 2540(B)	Ø1.5 mm	25 cm	4.0 cm		
BTW 1520(B)	Ø1.8 mm	15 cm	2.0 cm		
BTW 1525(B)	Ø1.8 mm	15 cm	2.5 cm		
BTW 1530(B)	Ø1.8 mm	15 cm	3.0 cm		
BTW 2020(B)	Ø1.8 mm	20 cm	2.0 cm		
BTW 2025(B)	Ø1.8 mm	20 cm	2.5 cm		
BTW 2030(B)	Ø1.8 mm	20 cm	3.0 cm		
BTC 1025	Ø1.5 mm	10 cm	2.5 cm	Cluster Cooled Tip	
BTC 1525	Ø1.5 mm	15 cm	2.5 cm		
BTC 2025	Ø1.5 mm	20 cm	2.5 cm		
BTC 2525	Ø1.5 mm	25 cm	2.5 cm		

● Big-Tip has two types of handle. Standard type(BT 1005, BT 1020, ...) and Bendable type(BT 1005B, BT 1020B, ...)

Vari-Tip™ (Variable Exposure Length Tip)

“Fast, Safe, Regular shape”

For liver cancer, lung cancer, kidney cancer, osteoid osteoma, uterine fibroid and adenomyosis.

You don't need to keep many different models of electrodes in stock!

You don't need to use 2 needles for different sizes of tumors in one patient!



Features

Internal cooling system prevents contiguous tissue from charring and thus widens ablation zone.

Smoothed out raised edge of insulation sheath for easier inserting and repositioning.

Quite useful bendable handle for percutaneous approach under C.T guidance.

Specifications

Product Code	Diameter	Length	Exposure	Type	Application
VCT 10XXB	Ø1.5 mm	10 cm	0.5 cm ~ 3.0 cm	Variable Exposure, Cooled Tip	For Liver Cancer, Lung Cancer, Kidney Cancer, Osteoid Osteoma, Uterine Fibroids and Adenomyosis
VCT 15XXB	Ø1.5 mm	15 cm	0.5 cm ~ 3.0 cm		
VCT 20XXB	Ø1.5 mm	20 cm	0.5 cm ~ 3.0 cm		
VCT 25XXB	Ø1.5 mm	25 cm	0.5 cm ~ 3.0 cm		
VCT 30XXB	Ø1.5 mm	30 cm	0.5 cm ~ 3.0 cm		
VCT 35XXB	Ø1.5 mm	35 cm	0.5 cm ~ 3.0 cm		
VCTM 10XXB	Ø1.65 mm	10 cm	0.5 cm ~ 3.0 cm		
VCTM 15XXB	Ø1.65 mm	15 cm	0.5 cm ~ 3.0 cm		
VCTM 20XXB	Ø1.65 mm	20 cm	0.5 cm ~ 3.0 cm		
VCTM 25XXB	Ø1.65 mm	25 cm	0.5 cm ~ 3.0 cm		
VCTM 30XXB	Ø1.65 mm	30 cm	0.5 cm ~ 3.0 cm		
VCTM 35XXB	Ø1.65 mm	35 cm	0.5 cm ~ 3.0 cm		
VCTW 10XXB	Ø1.8 mm	10 cm	0.5 cm ~ 3.0 cm		
VCTW 15XXB	Ø1.8 mm	15 cm	0.5 cm ~ 3.0 cm		
VCTW 20XXB	Ø1.8 mm	20 cm	0.5 cm ~ 3.0 cm		
VCTW 25XXB	Ø1.8 mm	25 cm	0.5 cm ~ 3.0 cm		
VCTW 30XXB	Ø1.8 mm	30 cm	0.5 cm ~ 3.0 cm		
VCTW 35XXB	Ø1.8 mm	35 cm	0.5 cm ~ 3.0 cm		

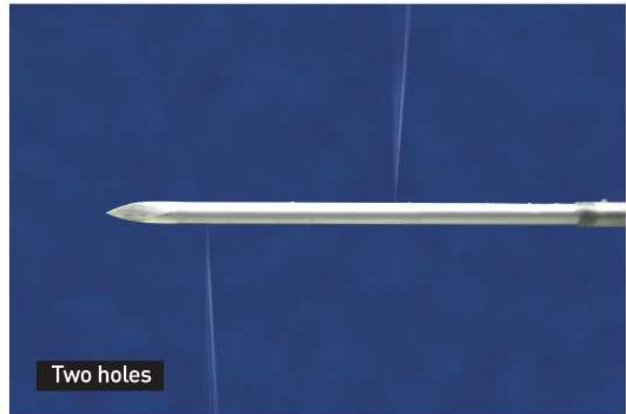
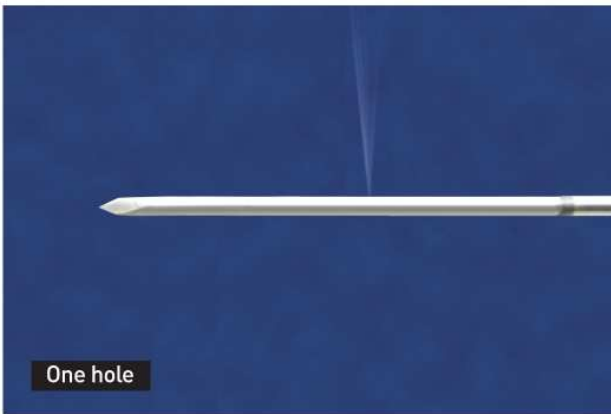
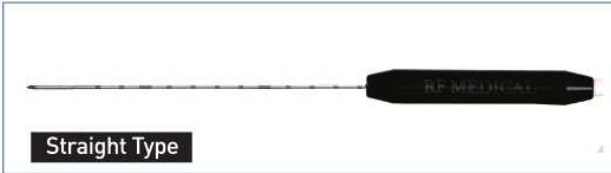


Jet-Tip™ (Cooled Wet Tip)

New Horizon of straight needle!

Now Straight needle also can make large ablation size.

PATENTED!



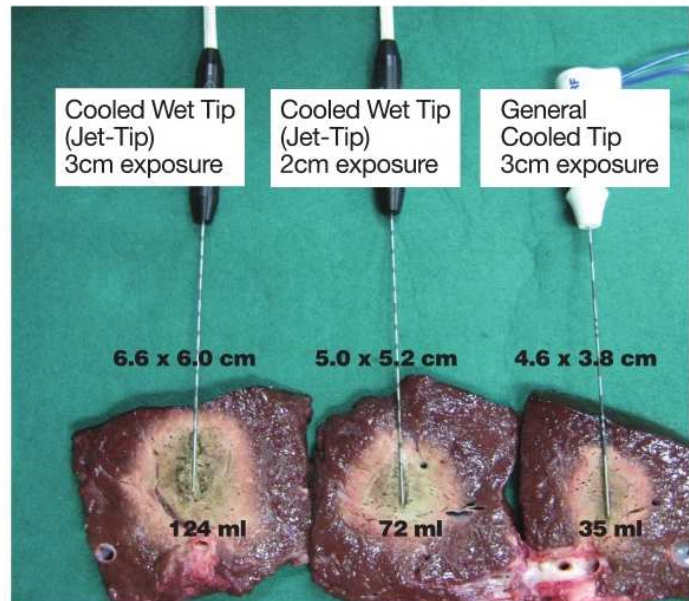
Features

Ideal straight needle by combining Internally Cooled needle and Saline Perfusion needle.

Jet-Tip™ (Cooled Wet Tip) is designed to prevent contiguous tissue from charring and enhances frictional heat and thus maximizes ablation zone.

Can minimize irregular ablation shape by minimized saline perfusion volume.

Smoothed out raised edge of insulation sheath for easier inserting and repositioning.



References

Percutaneous radiofrequency ablation using internally cooled wet electrodes for treatment of colorectal liver metastases. Clin Radiol. 2012 Feb;67(2):122-7. Epub 2011 Sep 8.

Percutaneous radiofrequency ablation using internally cooled wet electrodes for the treatment of hepatocellular carcinoma. AJR Am J Roentgenol. 2012 Feb;198(2):471-6.

Specifications

Product Code	Diameter	Length	Exposure	Type	Application
JET 0710T(B)	Ø1.2 mm	7 cm	1.0 cm	Single, Cooled Wet Tip	For Thyroid Nodules
JET 0715T(B)	Ø1.2 mm	7 cm	1.5 cm		
JET 1010(B)	Ø1.5 mm	10 cm	1.0 cm		
JET 1015(B)	Ø1.5 mm	10 cm	1.5 cm		
JET 1510(B)	Ø1.5 mm	15 cm	1.0 cm		
JET 1515(B)	Ø1.5 mm	15 cm	1.5 cm		
JET 1520(B)	Ø1.5 mm	15 cm	2.0 cm		
JET 1525(B)	Ø1.5 mm	15 cm	2.5 cm		
JET 1530(B)	Ø1.5 mm	15 cm	3.0 cm		
JET 1540(B)	Ø1.5 mm	15 cm	4.0 cm		
JET 2010(B)	Ø1.5 mm	20 cm	1.0 cm		
JET 2015(B)	Ø1.5 mm	20 cm	1.5 cm		
JET 2020(B)	Ø1.5 mm	20 cm	2.0 cm		
JET 2025(B)	Ø1.5 mm	20 cm	2.5 cm		
JET 2030(B)	Ø1.5 mm	20 cm	3.0 cm		
JET 2040(B)	Ø1.5 mm	20 cm	4.0 cm		
JET 2505(B)	Ø1.5 mm	25 cm	0.5 cm		
JET 2510(B)	Ø1.5 mm	25 cm	1.0 cm		
JET 2515(B)	Ø1.5 mm	25 cm	1.5 cm		
JET 2520(B)	Ø1.5 mm	25 cm	2.0 cm		
JET 2525(B)	Ø1.5 mm	25 cm	2.5 cm		
JET 2530(B)	Ø1.5 mm	25 cm	3.0 cm		
JET 3005(B)	Ø1.5 mm	30 cm	0.5 cm		
JET 3010(B)	Ø1.5 mm	30 cm	1.0 cm		
JET 3015(B)	Ø1.5 mm	30 cm	1.5 cm		
JET 3020(B)	Ø1.5 mm	30 cm	2.0 cm		
JET 3025(B)	Ø1.5 mm	30 cm	2.5 cm		
JET 3030(B)	Ø1.5 mm	30 cm	3.0 cm		
JET 1520Q(B)	Ø1.8 mm	15 cm	2.0 cm		
JET 1525Q(B)	Ø1.8 mm	15 cm	2.5 cm		
JET 1530Q(B)	Ø1.8 mm	15 cm	3.0 cm		
JET 2020Q(B)	Ø1.8 mm	20 cm	2.0 cm		
JET 2025Q(B)	Ø1.8 mm	20 cm	2.5 cm		
JET 2030Q(B)	Ø1.8 mm	20 cm	3.0 cm		
JET 2520Q(B)	Ø1.8 mm	25 cm	2.0 cm		
JET 2525Q(B)	Ø1.8 mm	25 cm	2.5 cm		
JET 2530Q(B)	Ø1.8 mm	25 cm	3.0 cm		
JET 3020Q(B)	Ø1.8 mm	30 cm	2.0 cm		
JET 3025Q(B)	Ø1.8 mm	30 cm	2.5 cm		
JET 3030Q(B)	Ø1.8 mm	30 cm	3.0 cm		
JETC 1510	Ø1.5 mm	15 cm	1.0 cm	Cluster, Cooled Wet Tip	For Liver Cancer, Kidney Cancer, and Lung Cancer
JETC 1515	Ø1.5 mm	15 cm	1.5 cm		
JETC 2010	Ø1.5 mm	20 cm	1.0 cm		
JETC 2015	Ø1.5 mm	20 cm	1.5 cm		
JETC 2510	Ø1.5 mm	25 cm	1.0 cm		
JETC 2515	Ø1.5 mm	25 cm	1.5 cm		

● Jet-Tip has two types of handle. Standard type(JET 0710T, JET 0715T, ...) and Bendable type(JET 0710TB, JET 0715TB, ...)

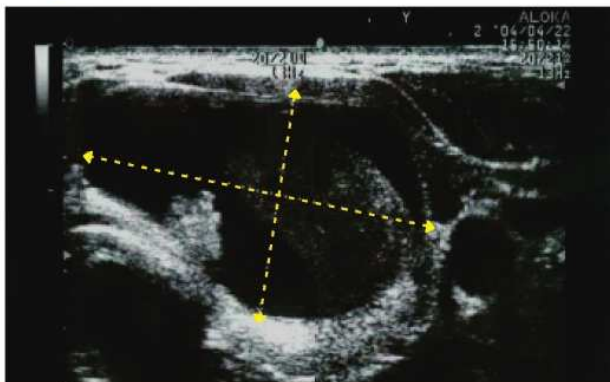


RF Ablation of

non-toxic benign thyroid nodules, autonomously functioning thyroid nodules, thyroglossal duct cyst, venous malformation in the neck.



Thyroid Nodule

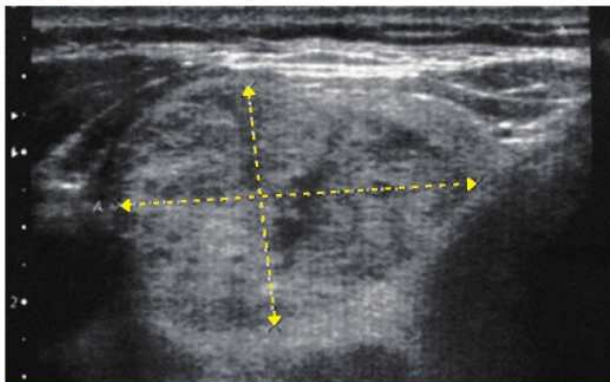


Before - Nodule size 4.6cm



After 6 Months - Nodule size 0.8cm

Thyroid Nodule - Solid mass



Before - Nodule size 3.2cm



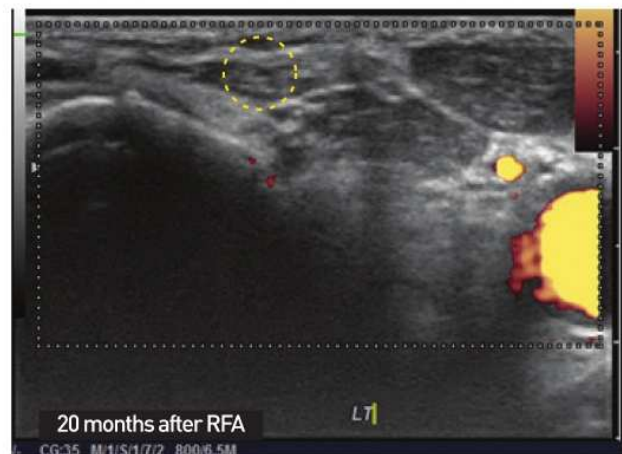
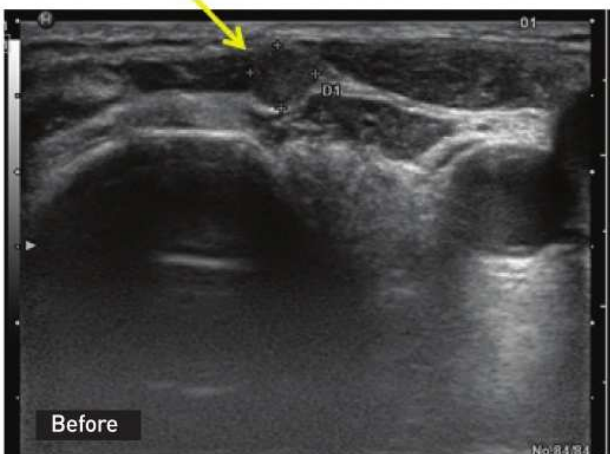
After 50 Months - Nodule size 0.2cm

Courtesy of Dr. Jung Hwan Baek

Recurrent Tongue Cancer

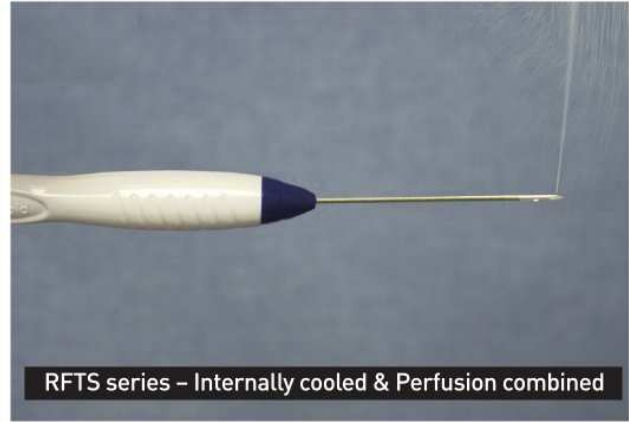
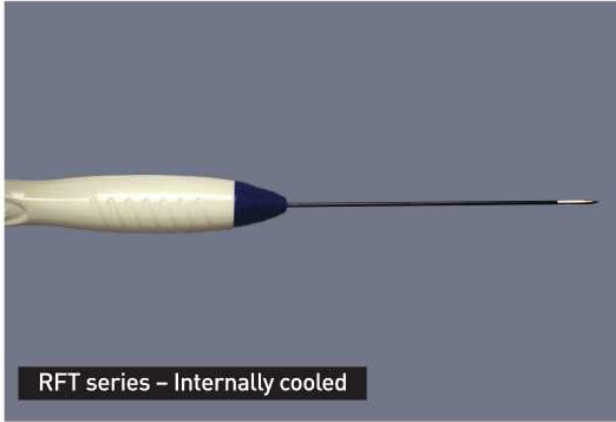


Recurrent Thyroid Cancer



Advantages of Thyroid RFA

- ▶ No scar
- ▶ Minimal Invasive
- ▶ Easy procedure
- ▶ Good result, easy re-therapy
- ▶ Quick recovery, local Anesthesia
- ▶ No hypothyroidism
- ▶ No complication (Parathyroid)
- ▶ No admission



Specifications

Product Code	Diameter	Length	Exposure	Remark	Application
RFT 0705LN	Ø1.0 mm	7 cm	0.5 cm	Cooled Tip	For Lymph Node
RFT 0707LN	Ø1.0 mm	7 cm	0.7 cm		
RFT 0710LN	Ø1.0 mm	7 cm	1.0 cm		
RFT 0715LN	Ø1.0 mm	7 cm	1.5 cm		
RFT 0720LN	Ø1.0 mm	7 cm	2.0 cm		
RFT 1005LN	Ø1.0 mm	10 cm	0.5 cm		
RFT 1007LN	Ø1.0 mm	10 cm	0.7 cm		
RFT 1010LN	Ø1.0 mm	10 cm	1.0 cm		
RFT 1015LN	Ø1.0 mm	10 cm	1.5 cm		
RFT 1020LN	Ø1.0 mm	10 cm	2.0 cm		
RFT 0710HLN	Ø1.0 mm	7 cm	1.0 cm	Cooled Tip, Half Direction	For Thyroid Nodule
RFT 0715HLN	Ø1.0 mm	7 cm	1.5 cm		
RFT 1010HLN	Ø1.0 mm	10 cm	1.0 cm		
RFT 1015HLN	Ø1.0 mm	10 cm	1.5 cm	Cooled Wet Tip	
RFTS 0710LN	Ø1.0 mm	7 cm	1.0 cm		
RFTS 0715LN	Ø1.0 mm	7 cm	1.5cm	Cooled Tip	
RFT 0705N	Ø1.2 mm	7 cm	0.5 cm		
RFT 0707N	Ø1.2 mm	7 cm	0.7 cm		
RFT 0710N	Ø1.2 mm	7 cm	1.0 cm		
RFT 0715N	Ø1.2 mm	7 cm	1.5 cm		
RFT 0720N	Ø1.2 mm	7 cm	2.0 cm		
RFT 1005N	Ø1.2 mm	10 cm	0.5 cm		
RFT 1007N	Ø1.2 mm	10 cm	0.7 cm		
RFT 1010N	Ø1.2 mm	10 cm	1.0 cm		
RFT 1015N	Ø1.2 mm	10 cm	1.5 cm		
RFT 1020N	Ø1.2 mm	10 cm	2.0 cm	Cooled Tip, Half Direction	
RFT 0710HN	Ø1.2 mm	7 cm	1.0 cm		
RFT 0715HN	Ø1.2 mm	7 cm	1.5 cm		
RFT 1010HN	Ø1.2 mm	10 cm	1.0 cm	Cooled Wet Tip	
RFT 1015HN	Ø1.2 mm	10 cm	1.5 cm		
RFTS 0710N	Ø1.2 mm	7 cm	1.0 cm	Cooled Wet Tip	
RFTS 0715N	Ø1.2 mm	7 cm	1.5cm		

Complications

Multicenter Study

1459 patients, 1543 nodules, 48 complications (3.3%)

The major	The minor
<ul style="list-style-type: none"> • voice changes (n = 15) • brachial plexus injury (n = 1) • tumor rupture (n = 3) • permanent hypothyroidism (n = 1) 	<ul style="list-style-type: none"> • hematoma (n = 15) • skin burn (n = 4) • vomiting (n = 9)

All patients recovered spontaneously except for one with permanent hypothyroidism and one who underwent surgery.

Baek et al, Radiology Jan 2012

References

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3. Benign predominantly solid thyroid nodules: prospective study of efficacy of sonographically guided radiofrequency ablation versus control condition. *AJR* 2010;194(4):1137-42
4. Radiofrequency Ablation (RFA) of Benign Thyroid Nodules in Patients with Incompletely Resolved Clinical Problems after Ethanol Ablation (EA). *World J Surg.* 2010 34:1488-1493
5. Optimum first-line treatment modality for benign cystic thyroid nodules: ethanol ablation or radiofrequency ablation? *AJR Am J Roentgenol.* 2011 Feb;196(2):W210-4
6. Locoregional Control of Metastatic Well Differentiated Thyroid Cancer in the Neck by Ultrasonography-guided Radiofrequency Ablation. *AJR Am J Roentgenol.* 2011 Aug; 197(2):W331-6
7. How to Manage the Patients with Unsatisfactory Results after Ethanol Ablation for Thyroid Nodules: Role of Radiofrequency Ablation. *Eur J Radiol.* 2011 Mar 7. [Epub ahead of print]
8. Complications Encountered in the Treatment of Benign Thyroid Nodules with Ultrasonography-guided Radiofrequency Ablation: A Multicenter Study. *Radiology* 2011 (in press)



Bone Metastasis Tip

PATENTED!



Features

Saline perfusion type electrode with **moving thermocouple for real time tissue temperature monitoring.**

Quite useful and helpful for safe treatment in critical lesion like spinal body.

Effective for palliation of terrible pain.

Stable and precise Temperature control.

Under C.T guidance or C-Arm guidance

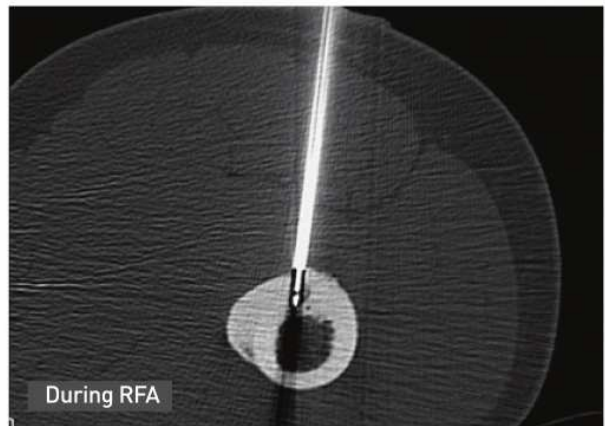
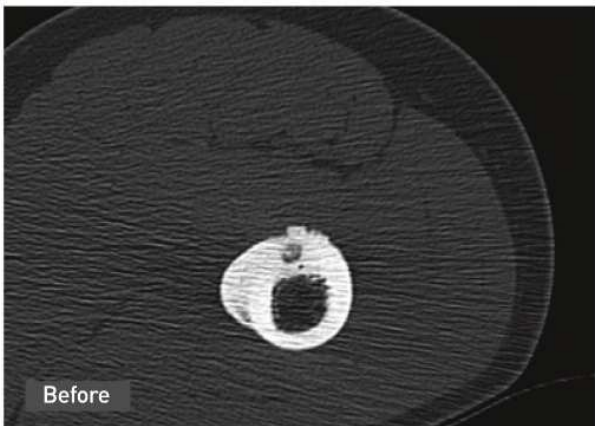
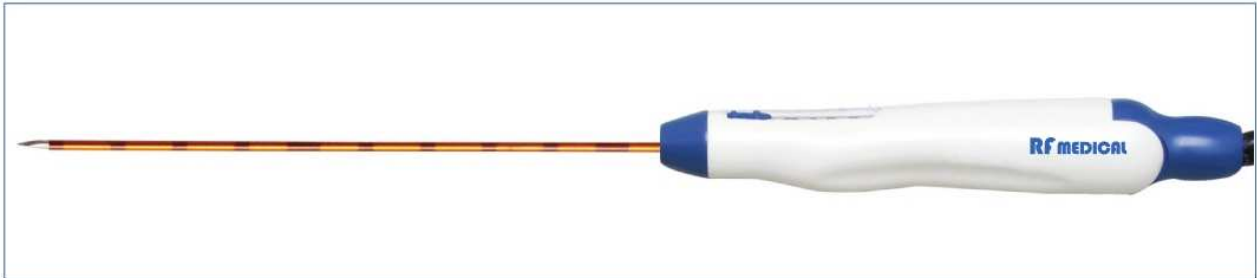
Specifications

Product Code	Diameter	Length	Exposure	Remark	Application
BMT 1310B	Ø1.5 mm	13 cm	1.0 cm	Saline Perfusion Tip	For Bone Metastasis
BMT 1315B	Ø1.5 mm	13.5 cm	1.5 cm		
BMT 1420B	Ø1.5 mm	14 cm	2.0 cm		
BMT 1425B	Ø1.5 mm	14.5 cm	2.5 cm		
BMT 1530B	Ø1.5 mm	15 cm	3.0 cm		
BMT 1610B	Ø1.5 mm	16.5 cm	1.0 cm		
BMT 1715B	Ø1.5 mm	17 cm	1.5 cm		
BMT 1720B	Ø1.5 mm	17.5 cm	2.0 cm		
BMT 1825B	Ø1.5 mm	18 cm	2.5 cm		
BMT 1830B	Ø1.5 mm	18.5 cm	3.0 cm		

Osteoid Osteoma

RF Ablation for Osteoid Osteoma

Minimal Invasive, Safe, Simple, Proven Therapy



Courtesy of Dr. Akhlaghpour

Features

Applicable to different sizes of nidus from 5mm to 20mm with one needle.

Bendable handle requires minimum space under C.T guidance.

Exact real-time temperature monitoring.

Precise temperature control algorithm from the RF generator.

Specifications

Product Code	Diameter	Length	Exposure	Type	Application
BT 1005(B)	Ø1.5 mm	10 cm	0.5 cm	Cooled Tip	For Osteoid Osteoma
BT 1010(B)	Ø1.5 mm	10 cm	1.0 cm		
BT 1510(B)	Ø1.5 mm	15 cm	1.0 cm		
VCT 10XXB	Ø1.5 mm	10 cm	0.5 cm ~ 3.0 cm	Variable Exposure, Cooled Tip	
VCT 15XXB	Ø1.5 mm	15 cm	0.5 cm ~ 3.0 cm		

- Electrode for the Osteoid Osteoma has two types of handle.
Standard type(BT 1005, BT 1010, ...) and Bendable type(BT 1005B, VCT 10XXB, ...)



Big-Tip for Myoma



Before RF myolysis treatment 10 cm in diameter of the myoma



45 days after the treatment
Reduced to 5cm in diameter (79% volume reduction)



Features

Cooling system prevents contiguous tissue from charring and thus maximizes ablation zone.

Smoothed out the raised edge of insulation for easier inserting and repositioning.

Long enough electrode length for use in percutaneous, intraoperative and laparoscopic approaches.

Specifications

Product Code	Diameter	Length	Exposure	Type	Application	
BTM 2030Q(B)	Ø1.65 mm	20 cm	3.0 cm	Cooled Tip	For Uterine Fibroids & Adenomyosis	
BTM 2510Q(B)	Ø1.65 mm	25 cm	1.0 cm			
BTM 2515Q(B)	Ø1.65 mm	25 cm	1.5 cm			
BTM 2520Q(B)	Ø1.65 mm	25 cm	2.0 cm			
BTM 2525Q(B)	Ø1.65 mm	25 cm	2.5 cm			
BTM 2530Q(B)	Ø1.65 mm	25 cm	3.0 cm			
BTM 3510Q(B)	Ø1.65 mm	35 cm	1.0 cm			
BTM 3515Q(B)	Ø1.65 mm	35 cm	1.5 cm			
BTM 3520Q(B)	Ø1.65 mm	35 cm	2.0 cm			
BTM 3525Q(B)	Ø1.65 mm	35 cm	2.5 cm			
BTM 3530Q(B)	Ø1.65 mm	35 cm	3.0 cm			
VCTM 10XXB	Ø1.65 mm	10 cm	0.5 cm ~ 3.0 cm			Variable Exposure, Cooled Tip
VCTM 15XXB	Ø1.65 mm	15 cm	0.5 cm ~ 3.0 cm			
VCTM 20XXB	Ø1.65 mm	20 cm	0.5 cm ~ 3.0 cm			
VCTM 25XXB	Ø1.65 mm	25 cm	0.5 cm ~ 3.0 cm			
VCTM 30XXB	Ø1.65 mm	30 cm	0.5 cm ~ 3.0 cm			
VCTM 35XXB	Ø1.65 mm	35 cm	0.5 cm ~ 3.0 cm			

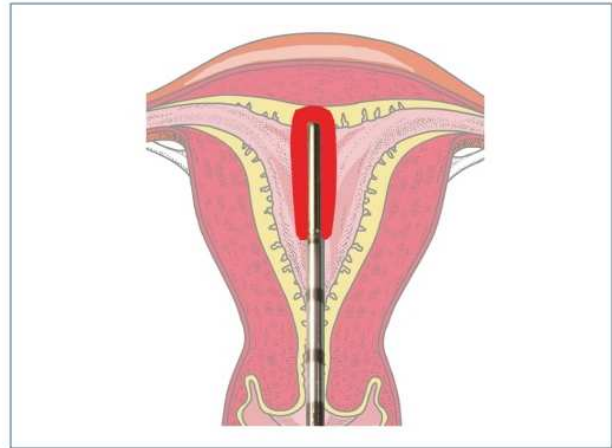
• Big-Tip for Myoma has two types of handle.

Standard type(BTM 2030Q, BTM 2510Q, ...)and Bendable type(BTM 2030QB, VCTM 10XXB, ...)

EMT for Endometrial Ablation

Quick and the most simple method but very effective!

PATENTED!



Features

- Unique temperature control program.
- Can control menstruation volume by controlling ablation area.
- 5 minute procedure time.
- Cost effective than any other device.

Specifications

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



Varicose Vein Tip

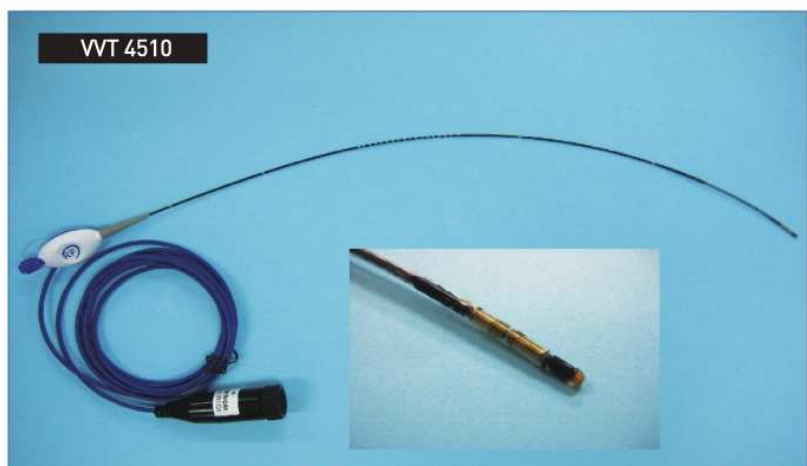
RF Electrode for Varicose Vein Treatment

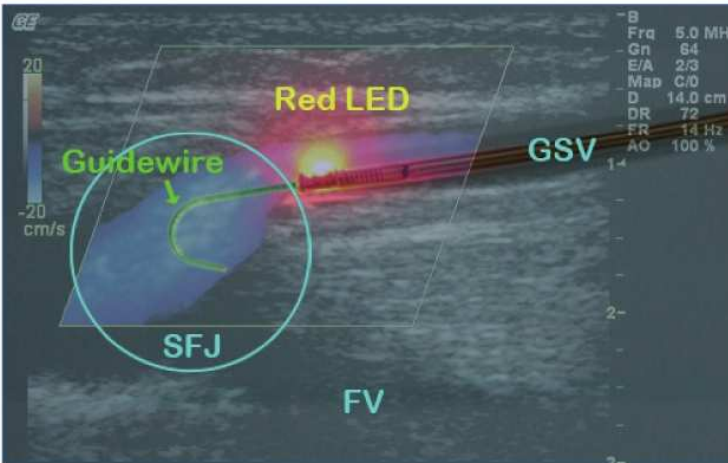
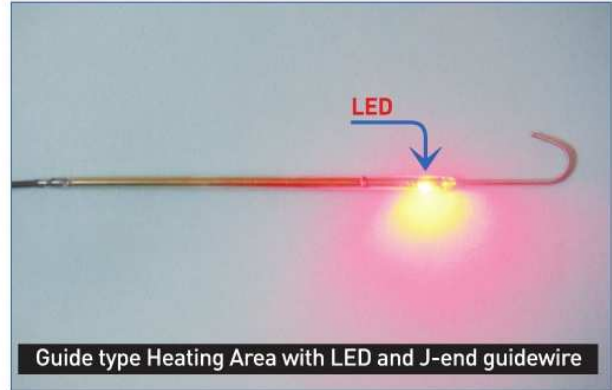


Courtesy of Dr. Akhlaghpour

Advantages of RF Varicose Vein Treatment

- ▶ Proven Technology
- ▶ Less complication rate
- ▶ Out-patient basis
- ▶ Higher Occlusion rate
- ▶ Less Pain
- ▶ Within 3min.





Patent Pending!

For Guide type, the location of the tip end under the skin can be estimated easily by LED and convenient to find the SFJ by J-end guidewire.

Features

7cm ablation in each segment with 20 second treatment cycles.

Precise Temperature Control.

Compatible with Mygen M-2004 and M-3004 generator.

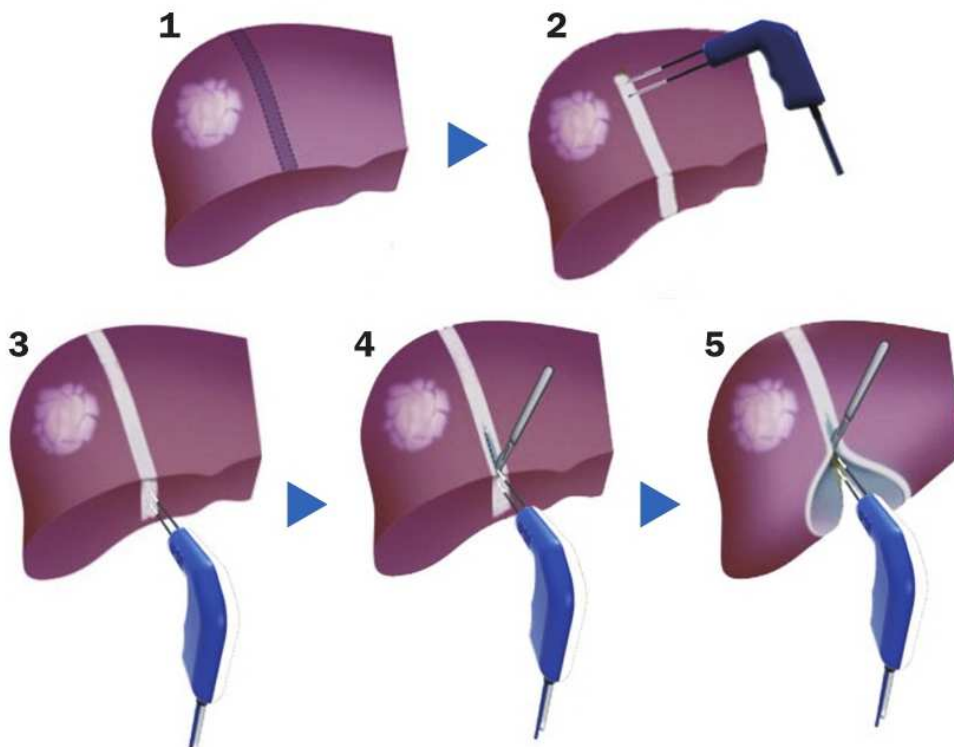
Specifications

Product Code	Diameter	Length	Heating Coil Length	Remark	Application
VVT 60(G)	Ø2.2 mm	62 cm	7.0 cm	Guide wire: 0.025"	For Varicose Vein
VVT 70(G)	Ø2.2 mm	72 cm	7.0 cm		
VVT 90(G)	Ø2.2 mm	88 cm	7.0 cm		
VVT 4510	Ø2.2 mm	45 cm	1.0 cm		For Varicose Vein, Myeloma
VVT 4515	Ø2.2 mm	45 cm	1.5 cm		
VVT 4520	Ø2.2 mm	45 cm	2.0 cm		
VVT 4530	Ø2.2 mm	45 cm	3.0 cm		

- Varicose Vein Tip has two types. One is general type(VVT 60, 4510...) and the other one is guide type(VVT 60G, 70G and 90G)



Duo Bipolar electrode for Bloodless Liver Resection



Features

Blood loss is reduced significantly

Procedure time is decreased a lot.

Possibilities for blood transfusions are declined remarkably.

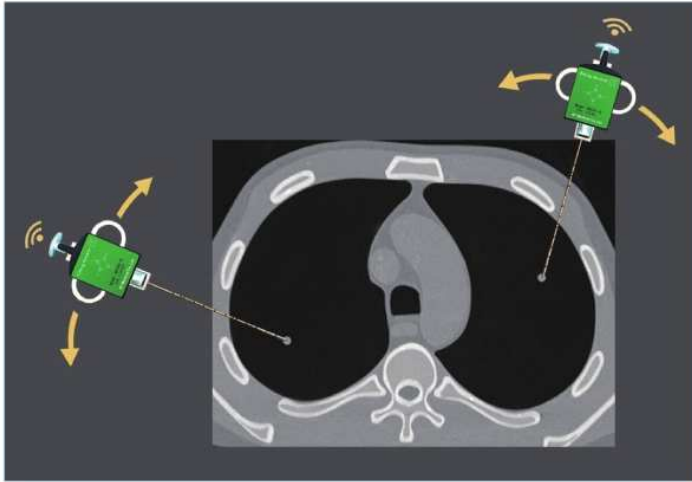
Functional portions of cirrhotic liver can be spared.

Occurrence of liver failure and bile leakage can be decreased prominently because of blood loss reduction and functional tissue sparing.

Specifications

Product Code	Diameter	Length	Exposure	Type	Application
DBT 1240	Ø1.5 mm	12 cm	4.0 cm	Dual Tip, Bipolar	Bloodless Liver Resection

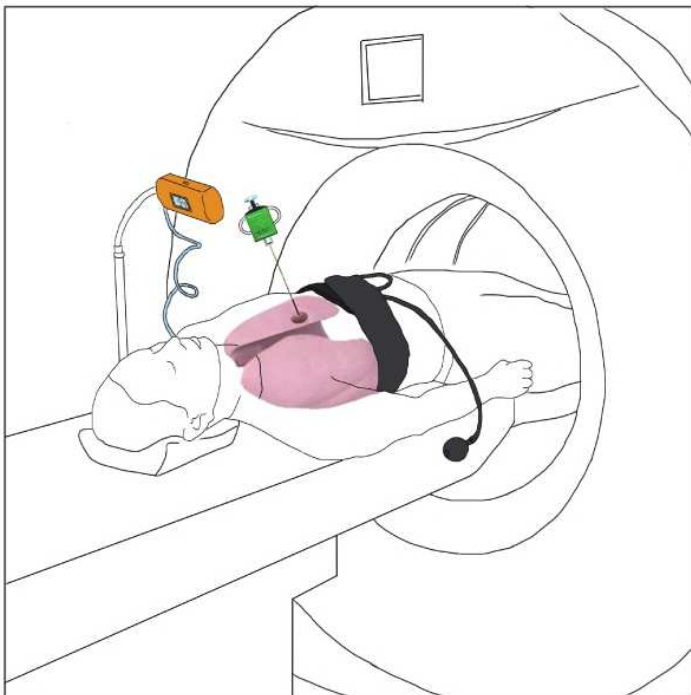
Guiding Device for Biopsy & RFA for Lung & Upper Abdomen



Patent Pending!

Features

- Make needle targeting easy
- Devices are reusable except needles
- Intuitive procedure
- Reduce procedure time
- Tilting angles of needle are displayed



Breath Position Monitor



Disposable biopsy needle with Wireless tilting sensor



Integrated software with Data receiver

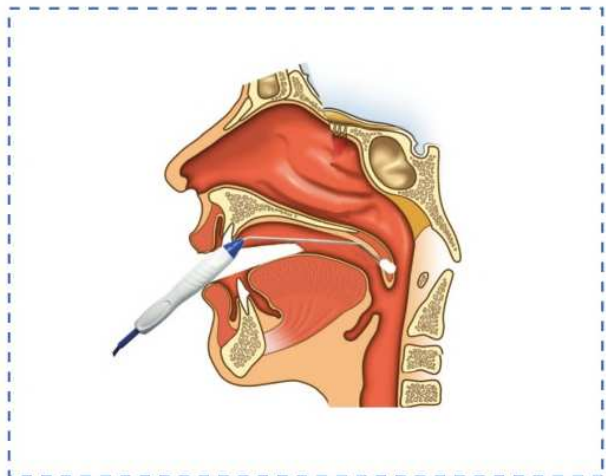
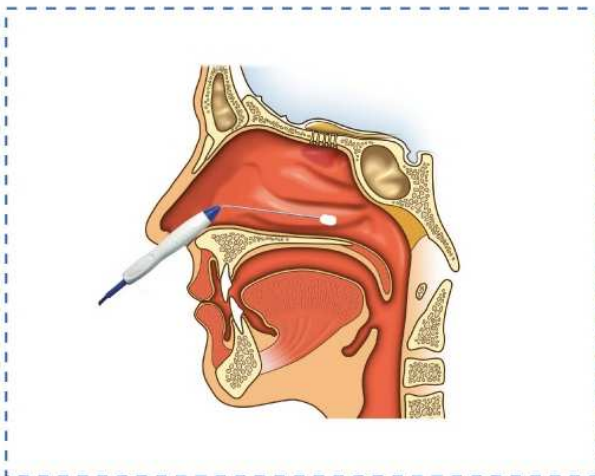
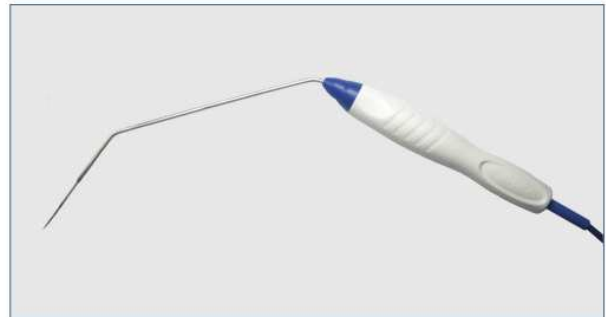
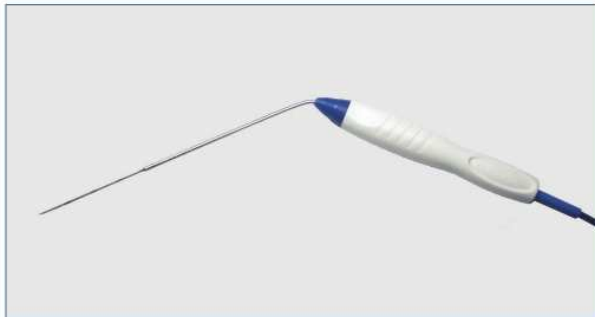
	Basic Composition	Integrated CT guiding System
Components	Breath Position Monitor, Biopsy needle, Wireless tilting sensor, Data receiver, Data display software	Breath Position Monitor, Biopsy needle, Wireless tilting sensor, Data receiver, Image matching software Electro-magnetic tracking needle(Optional)



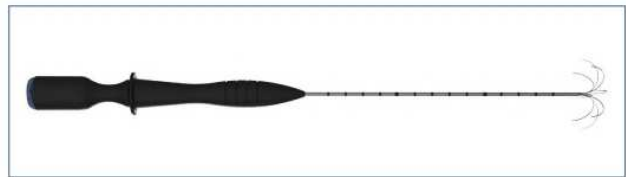
Electrode for Neurofibroma



Electrode for Nasal, Palate, Tongue procedures



Expandable needle for cancerous tumor



Features

Expandable needle adjustable for various sizes of tumors from 1cm to 5cm.

Strong prongs provide complete ablation.

Most reproducible ablation size.

Specifications

Product Code	Total length	Expanded width	Application
EXP-15	15 cm	10-40 mm	Liver, Lung, Spleen
EXP-20	20 cm	10-40 mm	Liver, Lung, Spleen



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