



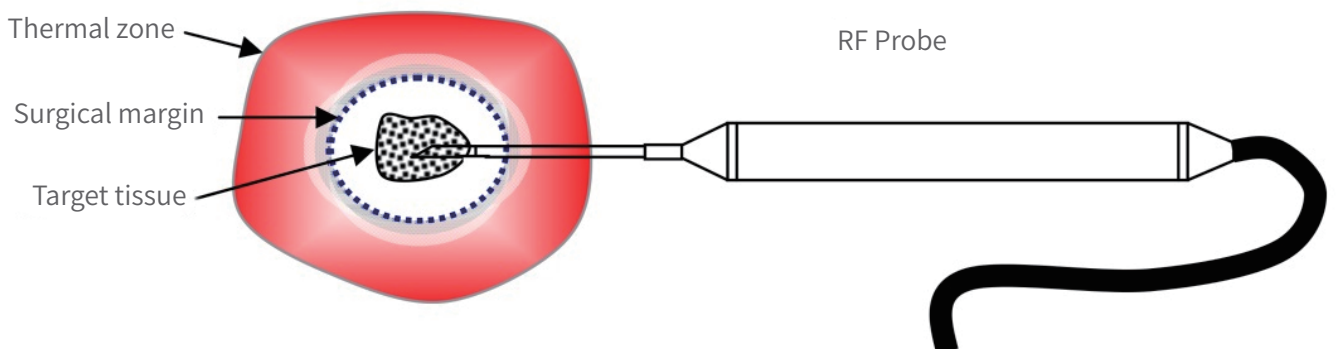
TT-RFA100

Veterinary Radiofrequency Ablation System

SAFE KEEPER OF YOUR PETS' HEALTH

Compare to traditional tumor surgeries, it is ultra-minimally invasive, precise, painless and has shorter cycles and fewer side effects, providing efficient, safe and precise tumor treatment solutions for pet hospitals.

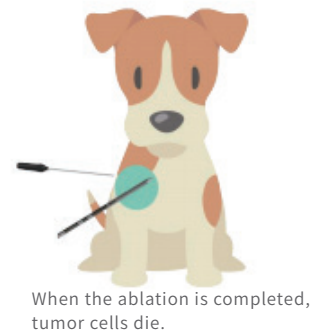
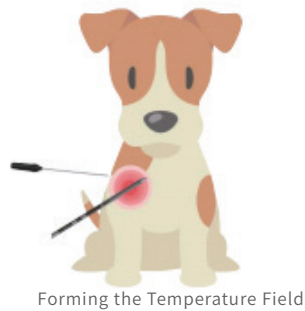
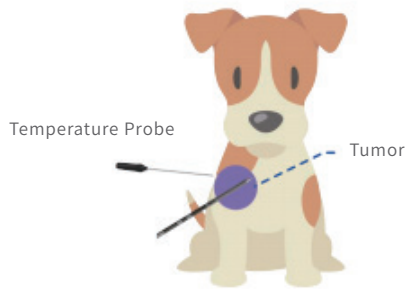
It can enhance the reception rate and treatment effect of pet hospital tumor treatment.





What is RF Tumor Ablation

When radio frequency current flows through animal tissues, the rapid changes in electromagnetic field cause water molecules with polarity inside the tissue to move at high speed and generate heat to form a temperature field, which results in evaporation, drying, shrinkage and detachment of the water from the tumor cell and the asptic necrosis of it, leading to the formation of tumor coagulation necrosis and achieving the goal of treatment.



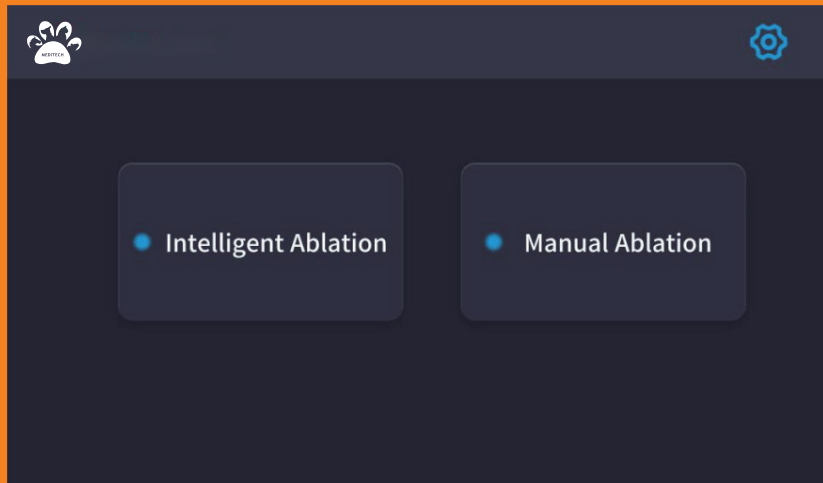
Two Core Technologies

Bi-variate Feedback

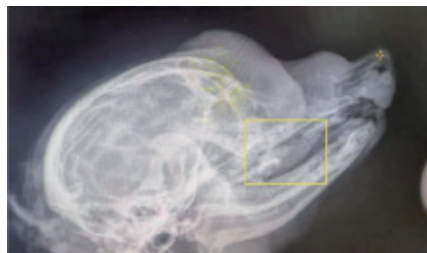
Radio frequency ablation needles and temperature probes can collect tumor impedance and temperature in real time and provide dynamic feedback on the state of the tumor tissue, which can achieve precise control of the temperature at the boundary of tumor ablation and prevent excessive ablations on healthy tissues around the tumor and the formation of eschars inside the tumor, so as to reach the goal of precise ablation.

Intelligent Control Algorithms

Intelligently recognize and judge the collected real-time impedance and temperature. Through this intelligent ablation mode, the generator can realize the fully automatic adjustment of ablation power and ablation time, and without manually setting the ablation parameters before the operation.



Before radio frequency tumor ablation



After radio frequency tumor ablation

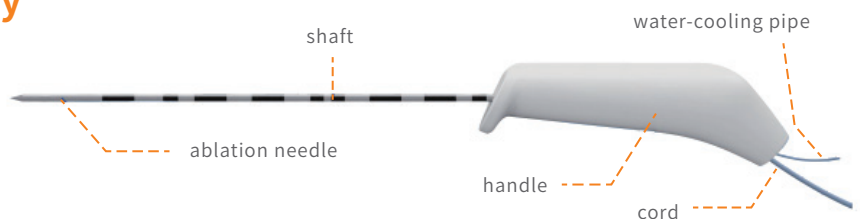


14 days After the Ablation

Safe, Reliable and Worry-free Economical, Practical and Cost-effective Easy to Operate and User-friendly

Features

- 🐾 Precise Ablation with Controlled Boundaries
- 🐾 Fast, Efficient and Time-saving
- 🐾 Operating in Dual Mode Simply and Flexibly
- 🐾 Intelligent Recognition and Parameter Monitoring





Technical Parameters

Input	220V/ 110V 50/60 HZ, 300 VA
Output	Voltage: 250V (peak)
	Power : 100W (peak)
	Frequency: 450KHZ
Range of Ablation	Standard mode: ≤4 cm (TTNE-10-4 Needle) Enhanced mode: ≤4.5 cm (TTNE-10-4 Needle)
Operating Conditions	Temperature: 10 °C-30 °C Humidity:30-70%, no condensation Atmospheric Pressure Range: 70Kpa-106 Kpa
Transportation and Storage Conditions	Temperature:-20°C to +55°C Humidity: 10-93%, no condensation Atmospheric pressure range: 70KPa-106KPa
Weight	9 KG
Product Dimensions	320 * 360 * 170 mm

Configuration

Product Name	Item Name	Specification	Quantity (pcs)
TT-RFA100 Vet Radiofrequency Ablation System	Generator	TT-RFA100	1
	Ablation Needles	TTNE-10-2	1
		TTNE-10-3	1
		TTNE-10-4	1
	Negative Plate Cable	/	1
	Ablation Needle Fixator	/	1
	Temperature Probe	/	1
	Power Cable	/	1
	Disposable Negative Plates	/	5

