Baylis MEDICAL

RFP-100A

RF Puncture Generator

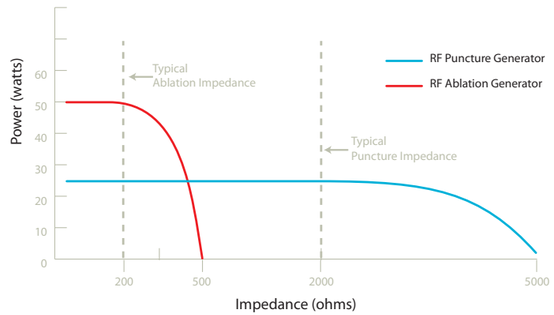
Controlled Tissue Puncture
using **RADIOFREQUENCY ENERGY**

RFP-100A RF Puncture Generator

System designed to puncture tissue via radiofrequency (RF) energy

RF PUNCTURE (RFP) GENERATOR vs. RF ABLATION (RFA) GENERATOR

High impedance conditions are key to create a precise puncture in tissue, with minimal surrounding damage. The RFP Generator is designed to function at high impedance, whereas a typical RFA Generator is not.

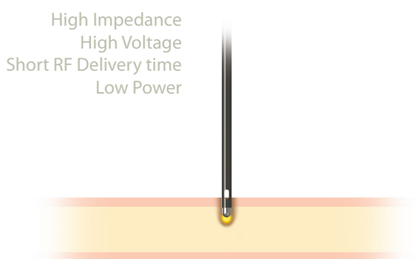


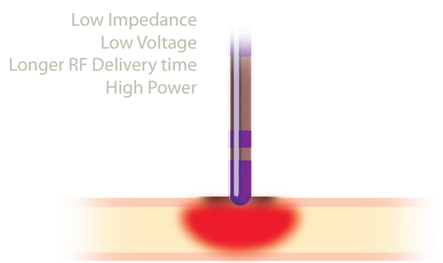
RF Puncture

- Objective: To create a small opening in tissue
- Occurs under the following conditions:
  — Low power (5-25 watts)
  — Short duration (1-3 seconds)
  — High voltage (270-400V)
- Impedance range: 2000-6000 Ω
- Minimal collateral damage to surrounding tissue

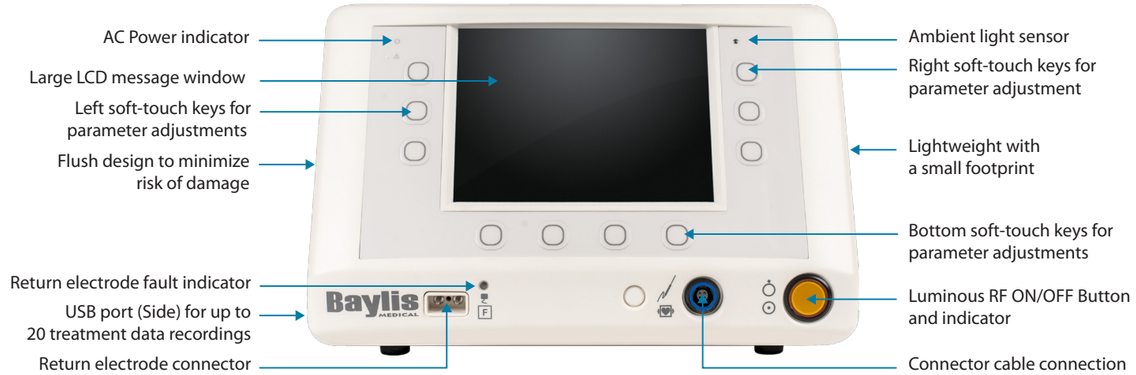
RF Ablation

- Objective: To create a lesion to destroy electrically conductive tissue
- Occurs under the following conditions:
  — High power (35-50 watts)
  — Long duration (60-90 seconds)
  — Low voltage (35-50V)
- Impedence range: 150-300 Ω
- Thermal destruction of surrounding tissue





FEATURES



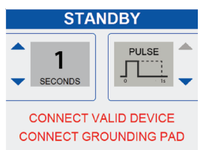
PRECISE: CUT SETTINGS OPTIONS

Improved cutting ability enables shorter RF activation time.

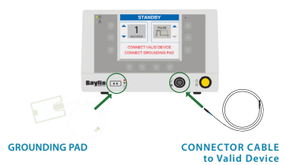
Pulse Mode
OR
Constant Mode

Setting options are tailored to user preference.

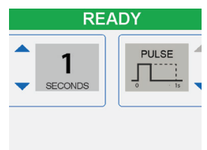
INTELLIGENT : USER INTERFACE



In Standby state, the user sets Time and Cut settings, and is asked to connect a valid device and grounding pad.



Generator automatically recognizes devices and makes available only appropriate modes.



The Ready Screen appears once the grounding pad and valid device are connected.

RFP-100A RF Puncture Generator

PUNCTURE WITH RF ENERGY

Specifications

Model number	RFP-100A
RF Energy	468 kHz, Sinusoidal Maximum output power of 50 Watts
Duty Cycle	Durations from 300 or 1000 ms ± 5 ms
Count-up Timer	Settable from 1-10 seconds (Device dependent) Display resolution: 1 second
Dimensions	Width: 11.25 inches (28.5 cm) Length: 15.6 inches (39.6 cm) Height: 7 inches (17.8 cm)
Weight	20 lb. (9.1 kg)
Input Voltage	100-240 V~
Current Rating	5.0A, 50-60 Hz
Power Cord Length	10 feet
WARNING: The RFP-100A RF Puncture Generator is designed and intended for use with devices designed by Baylis Medical Company	

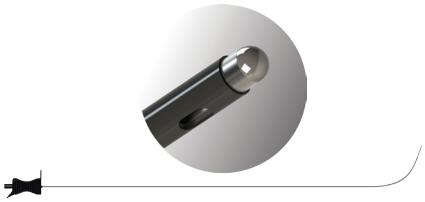
Accessories

RFP-100A Footswitch

RFP-Cart

Multi-platform design for maximal hospital value

NRG® Transseptal Needle



The NRG® Transseptal Needle is uniquely designed to assist the physician in gaining access to the left atrium.

PowerWire™ RF Guidewire

The PowerWire™ RF Guidewire is used to cross lesions in occluded blood vessels that are difficult to cross with a standard guidewire. *

Nykanen RF Wire

The Nykanen RF Wire is designed to create a controlled puncture in tissue.

*The PowerWire™ RF Guidewire is cleared by FDA to create a channel in totally occluded peripheral vessels 3 mm or greater.

CE 0120

Before use, consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and instructions for use.

CAUTION: Federal Law (USA) restricts the use of this device to or by the order of a physician.

Patents Pending and/or issued

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