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Radiofrequency Ablation

Technical specifications for Radiofrequency Generator

The equipment should

1. be microcontroller based radiofrequency thermocoagulation system
2. have 0-50-watt power output.
3. have both manual & automatic temperature control.
4. measure & display temperature between 0-100 degrees.
5. measure Impedance 0-3000 ohms.
6. have continuous RF output & pulsed RF output functions.
7. have output test plug to test all outputs from generator before & during the procedure..
8. have stimulator with pulse duration of 0.1, 0.5, 1, 2, 3 milliseconds and pulse rate 2-200 Hz.
9. stimulate with 0.01 V increments.
10. have timer 30-600 seconds.
11. have following options
 - 11a. total sterile adaptability
 - 11b. graphic display output
 - 11c. bipolar pulsed RF
12. also have spinal cannulae/electrodes of variour lengths 5cm, 10cm & 15cm.
13. Capability of epidural electrode for neuropathic pain
14. Should have capability of intradiscal electrode.
15. Should have compatible echogenic RF Cannulae
16. Should have stereotactic electrode capability
17. also have spinal cannulae/electrodes of variour lengths 5cm, 10cm & 15cm.
18. Should have capability of epidural electrode
19. Should have compatible disposable electrodes.

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(Optional Accessories & Consumables of Radiofrequency Ablator Generator)

Electrodes	
51 mm TC Electrode	
100 mm TC Electrode	
144 mm TC Electrode	
Disposable Grounding Pads (Box of 25)	
RCE Electrode, sterile-packed, 10/pk	
RCE Introducer Cannula, sterile-packed, 10/pk	
Sterilizing Case for TC Electrode	
Connecting Cable	
Output Test Plug	
Disposable RF Cannula	
Cosman RF Cannulae, Straight, Sharp tip (All lengths & active tips)	
RF Cannulae Curved, Sharp Tip (All lengths & active tips)	
Disposable RF Electrodes	
RF disposable electrodes, (All lengths & active tips)	
Echo RF Cannula, any length, any active tip, any gauge, echogenic	

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*Hogamba
- please include in the tender.*