

## Frequently Asked Questions About the TouchSoft Coagulator® monopolar probe

**Q. The recommended generator output choice to use with the TouchSoft Coagulator® monopolar probe is a low voltage, depth limited output designed for contact coagulation. Why? How do I find them?**

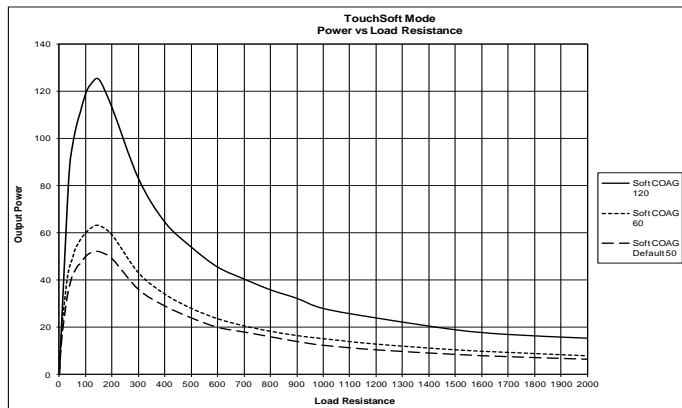
**A.** These outputs are increasingly available as an output choice on electrosurgery generators marketed to GI. The gi4000 has Touchsoft® Coagulation output.

These are low voltage waveforms that don't produce any cutting and are for use with broad surface monopolar electrodes. The TouchSoft Coagulator® monopolar probe is an accessory designed specifically to utilize this output mode. In addition to the low voltage characteristic of the waveform which helps prevent sticking, the output has 'self-limiting' power delivery much like typical GI bipolar applications. With the TouchSoft Coagulator® monopolar probe, physicians can achieve a gentle, depth limited, coagulation or ablation using a monopolar contact method.

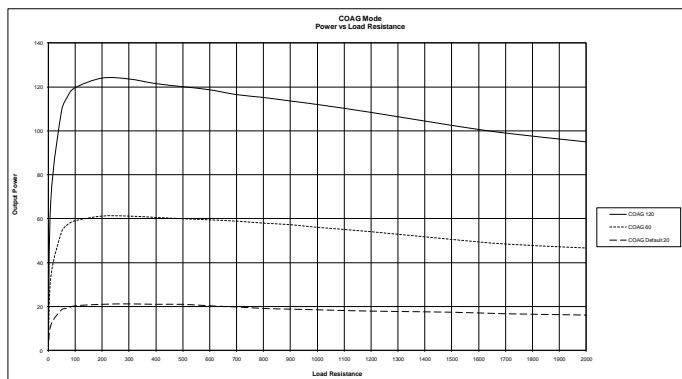
**Q. What power setting should be used in the TouchSoft® Coagulation mode?**

**A.** It is recommended that physicians start with a power setting in the TouchSoft® Coagulation mode on the gi4000 between 40 and 60 watts. In these modes, this will be the *starting* power, as the power will rapidly and automatically drop off as the tissue coagulates.

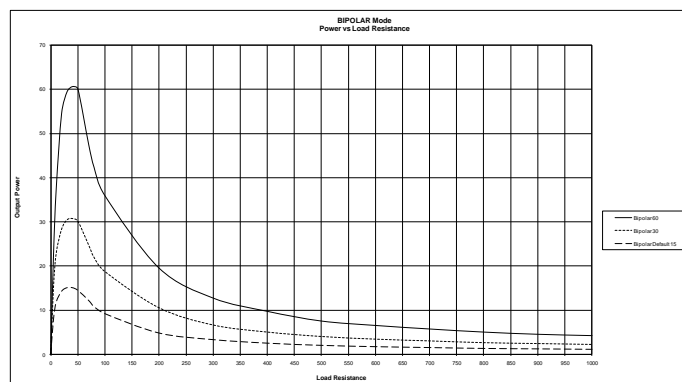
**Examples of the "Power Curves" (power to impedance) – referenced from the Instructions for Use.**



TouchSoft® Coagulation (at three initial power settings)



"Standard" COAG (at three initial power settings)



BIPOLAR (at three initial power settings)

**Further reading:**

Boulay, Brian and Carr-Locke, David. Current affairs: electrosurgery in the endoscopy suite. *Gastrointestinal Endoscopy* **2010**; 72(5)1044-46.  
Laine L, Long GL, Bakos GJ, et al. Optimizing bipolar electrocoagulation for endoscopic hemostasis: assessment of factors influencing energy delivery and coagulation. *Gastrointest Endosc* **2008**; 67:502-8.  
Morris Marcia L, Tucker Robert D, Baron Todd H, Wong Kee Song, Louis M. Electrosurgery in in *Gastrointestinal Endoscopy: Principles to Practice*. *Am J Gastroenterol* **2009**; 104(6); 1563-74.

Always read the manufacturer's instructions for use carefully before using any device.

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