The BiZact™ tonsillectomy device delivers clinical benefits compared to outcomes published in literature on monopolar electrosurgery and the Coblator™ device. It’s an advanced bipolar vessel sealer that:

- Reduces intraoperative blood loss†•‡,
- Minimizes tissue damage•,†§
- May cause patients less postoperative pain•,†§

†Average intraoperative bleeding in 17 cases was 7.3 mL for BiZact™ device, compared to 10.83 mL for the Coblator™ device and 27.08 mL for electrocautery.
‡Compared to conventional techniques. BiZact™ device was not a part of this meta-analysis.
§Surgeon feedback after more than 30 BiZact™ device tonsillectomy procedures.
LOW ENERGY, MINIMAL TISSUE DAMAGE

The BiZact™ device is powered by Valleylab™ energy platforms that deliver consistent and reliable seals. That means that, compared to an electrosurgical pencil, the BiZact™ device can provide:

- Significantly lower maximum external jaw temperature
- Significantly faster jaw cooldown time to 60°C

The BiZact™ device delivers an average thermal spread of < 1 mm.

While the BiZact™ device hasn’t yet been evaluated for pain reduction, comparable vessel-sealing systems have. In some studies, technology similar to the BiZact™ device helped tonsillectomy patients experience less pain than techniques like Coblation™, electrocautery, and Harmonic™ scalpel.

REduced BLOOD LOSS

The BiZact™ tonsillectomy device is a vessel sealer. That means it can:

- Reduce intraoperative blood loss compared to outcomes published in literature on electrosurgical pencils, cold knives, and the Coblator™ device
- Create seals that withstand three times normal systolic blood pressure

†Based on internal bench testing, probability of burst ≥ 360 mm Hg is ≥ 96.1%.
‡Compared to conventional techniques.

Hematoxylin and Eosin (H&E) Stained Images

Vessel is completely occluded
Vessel is not occluded
Vessel is not occluded

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