

Products	Exacto® cold snare
Procedural Area	Polypectomy
Article	Prospective, randomized comparison of 2 methods of cold snare polypectomy for small colorectal polyps
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Purpose	Compare the outcome of cold snare polypectomy of small colorectal polyps (<10mm) with a snare designed as a cold snare (US Endoscopy, Exacto® cold snare) versus a traditional polypectomy snare (Olympus, SnareMaster snare).
Key Points	<p>A prospective, randomized, and controlled study that included 76 patients with small colorectal polyps (10mm or smaller). The patients enrolled in the study were randomized across two groups with different snares. One utilized the dedicated cold snare (Exacto® cold snare) and the other a traditional polypectomy snare (SnareMaster) with the following results:</p> <ul style="list-style-type: none"> • The complete resection rate with the Exacto® cold snare was significantly higher than that of the SnareMaster snare (91% vs. 79%; <i>P</i> = .015). • Complete resection rates were higher for the Exacto® cold snare for polyps 8-10mm in size that were flat or pedunculated in the dedicated cold snare group (Exacto® cold snare – 83%, SnareMaster – 45%; <i>P</i> = .014). • Electrocautery is commonly used for pedunculated and bulky sessile polyps 6-10mm in size. This study showed that the Exacto® cold snare provided excellent results with these types of polyps and that electrocautery was unnecessary. • The occurrence of immediate bleeding for both snare groups was similar and no delayed bleeding occurred in either group (Exacto® cold snare – 19% vs. SnareMaster – 21%; <i>P</i> = .86). • Although the difference was not significant, the rate of histologically injured arteries in the submucosal layer was lower in the Exacto® cold snare group (3.1% vs. 6.7%; <i>P</i> = .24). • The differences in complete resection rates may be related to the differences in the diameter and shape of the Exacto® cold snare (0.30mm diameter, diamond-shaped) compared to the traditional SnareMaster snare (0.47mm, oval shape).
Conclusions	Cold polypectomy with a specially designed cold snare improves polypectomy complete resection results for polyps less than 10mm in size and likely results in more successful prevention of colorectal cancer.