

Supplementary material

Cronin et al. Geometry of cold snare polypectomy

Table 1s: Literature search for residual or incomplete adenoma resection for piecemeal Cold Snare Polypectomy.

Publication	Size (mm)	pCSP (n)	IRR % (n)	RRA % (n)
Ma X, Clin Gastro Hep 2022[1]	-	5	20.0 (1)	-
Kimoto Y, Clin Gastro Hep 2022[2]	23 (range 18-40)	106	0.0 (0)	-
McWhinney CD, Gastrointest Endosc 2021[3]	17.2 mean (6.5 SD)	225	-	8.0 (18)
Suresh S, EIO 2021[4]	29.4 (range 20-80)	310	-	34.8 (108)
Augusto Barros, R EIO 2021[5]	13.7 mean (5.2 SD)	293	-	7.8 (23)**
Li D, Scand J Gastro 2020[6]	-	176	-	31.3 (55)***
van Hattem A, Gut 2020[7]	25 (IQR 20-30)	92	-	4.3 (4)
Mangira D, Gastrointest Endosc 2020[8]	20 (IQR 20-30)	164	-	5.5 (9)
Van Overbeke L, AGEB 2019[9]	-	87	-	10.3 (9)****
Tate DJ, Endoscopy 2018[10]	15.0 (IQR 14.5-20)	15	-	0.0 (0)
Tutticci NJ, Gastrointest Endosc 2018[11]	17.5 mean 15.0 median	163	1.2 (2)	-
Tutticci NJ, Gastrointest Endosc 2018[11]	17.5 mean 15.0 median	134	-	0.6 (1)
Rameshshanker R, Endoscopy 2018[12]	15.7 mean	29	-	3.4 (1)
Piraka C, EIO 2017[13]	20.0 (range 12-60)	72	-	9.7 (7)
Muniraj T, Gastro Res Prac 2015[14]	19.0 (8.8 SD)	30	-	20.0 (6)

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Literature search terms: "cold snare" AND polypectomy AND incomplete; "cold snare" AND polypectomy AND residual.

Size, mean diameter of lesions removed via pCSP; pCSP, piecemeal Cold Snare Polypectomy; IRR, Incomplete Resection Rate, measured according to biopsies of edges taken at the time of resection; RRA, Residual or Recurrent Adenoma rate, measured at first surveillance colonoscopy.

1. Ma X, Feng X, Li Y, Du Y, Wang J, Wu Y, et al. A Comparison of Incomplete Resection Rate of Large and Small Colorectal Polyps by Cold Snare Polypectomy. *Clin Gastroenterol Hepatol.* 2022;20(5):1163-70.
2. Kimoto Y, Sakai E, Inamoto R, Kurebayashi M, Takayanagi S, Hirata T, et al. Safety and Efficacy of Cold Snare Polypectomy Without Submucosal Injection for Large Sessile Serrated Lesions: A Prospective Study. *Clin Gastroenterol Hepatol.* 2022;20(2):e132-e8.
3. McWhinney CD, Vemulapalli KC, El Rahyel A, Abdullah N, Rex DK. Adverse events and residual lesion rate after cold endoscopic mucosal resection of serrated lesions ≥ 10 mm. *Gastrointest Endosc.* 2021;93(3):654-9.
4. Suresh S, Zhang J, Ahmed A, Abu Ghanimeh M, Elbanna A, Kaur R, et al. Risk factors associated with adenoma recurrence following cold snare endoscopic mucosal resection of polyps ≥ 20 mm: a retrospective chart review. *Endosc Int Open.* 2021;9(6):E867-e73.
5. Barros RA, Monteverde MJ, Dumonceau JM, Barros AS, Rainero GL, Barros RF, et al. Cold snare polypectomy without submucosal injection: safety and efficacy in 615 large serrated lesions. *Endosc Int Open.* 2021;9(9):E1421-e6.
6. Li D, Wang W, Xie J, Liu G, Wang R, Jiang C, et al. Efficacy and safety of three different endoscopic methods in treatment of 6-20 mm colorectal polyps. *Scand J Gastroenterol.* 2020;55(3):362-70.
7. van Hattem WA, Shahidi N, Vosko S, Hartley I, Britto K, Sidhu M, et al. Piecemeal cold snare polypectomy versus conventional endoscopic mucosal resection for large sessile serrated lesions: a retrospective comparison across two successive periods. *Gut.* 2021;70(9):1691-7.
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9. Van Overbeke L, Ilegems S, Mertens G, Mortier L, van Dongen J, Verbeke L, et al. Cold snare endoscopic resection of nonpedunculated colorectal polyps larger than 10 mm. A retrospective series. *Acta Gastroenterol Belg.* 2019;82(4):475-8.
10. Tate DJ, Awadie H, Bahin FF, Desomer L, Lee R, Heitman SJ, et al. Wide-field piecemeal cold snare polypectomy of large sessile serrated polyps without a submucosal injection is safe. *Endoscopy.* 2018;50(3):248-52.

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11. Tutticci NJ, Hewett DG. Cold EMR of large sessile serrated polyps at colonoscopy (with video). *Gastrointest Endosc*. 2018;87(3):837-42.
12. Rameshshanker R, Tsiamoulos Z, Latchford A, Moorghen M, Saunders BP. Resection of large sessile serrated polyps by cold piecemeal endoscopic mucosal resection: Serrated Cold Piecemeal Endoscopic mucosal resection (SCOPE). *Endoscopy*. 2018;50(7):E165-e7.
13. Piraka C, Saeed A, Waljee AK, Pillai A, Stidham R, Elmunzer BJ. Cold snare polypectomy for non-pedunculated colon polyps greater than 1 cm. *Endosc Int Open*. 2017;5(3):E184-e9.
14. Muniraj T, Sahakian A, Ciarleglio MM, Deng Y, Aslanian HR. Cold snare polypectomy for large sessile colonic polyps: a single-center experience. *Gastroenterol Res Pract*. 2015;2015:175959.