

Supplementary Table 1. Patient characteristics

		<b>HSP group (187 cases)</b>	<b>CSP group (187 cases)</b>	<b>HSP/CSP overlap group* (102 cases)</b>
<b>Average age (years)</b>		66.0	65.3	67.2
<b>Male sex, n (%)</b>		119 (63.6)	128 (68.4)	74 (72.5)
<b>Indication, n (%)</b>	Positive faecal blood test	65 (34.8)	52 (27.8)	30 (29.4)
	Temporary abdominal pain	20 (10.7)	12 (6.4)	10 (9.8)
	Surveillance after polypectomy	62 (33.2)	73 (39.0)	31 (30.4)
	Screening	23 (12.3)	28 (15.0)	18 (17.6)
	Others	17 (9.1)	22 (11.8)	13 (12.7)
<b>Preparation, n (%) (Aronchick Scale)</b>	Excellent	135 (72.2)	137 (73.3)	69 (67.6)
	Good	38 (20.3)	32 (17.1)	19 (18.6)
	Fair	13 (7.0)	17 (9.1)	13 (12.7)
	Poor	1 (0.5)	1 (0.5)	1 (1.0)
	Inadequate	0 (0.0)	0 (0.0)	0 (0.0)
<b>Endoscope, n (%)</b>	Ordinary colonoscope	148 (79.1)	145 (77.5)	73 (71.6)
	Paediatric colonoscope	36 (19.3)	41 (21.9)	29 (28.4)
	Upper GI endoscope	3 (1.6)	1 (0.5)	0 (0.0)
<b>Average number of all neoplastic lesion detected during colonoscopy</b>		3.8	3.5	7.3
<b>Number of the target lesions, n (%)</b>	1	145 (77.5)	148 (79.1)	0 (0.0)
	2	35 (18.7)	34 (18.2)	44 (43.1)
	3	7 (3.7)	5 (2.7)	58 (56.9)
<b>Institution, n (%)</b>	A	63 (33.7)	56 (29.9)	42 (41.2)
	B	42 (22.5)	44 (23.5)	20 (19.6)
	C	21 (11.2)	29 (15.5)	5 (4.9)
	D	22 (11.8)	19 (10.2)	10 (9.8)
	E	12 (6.4)	13 (7.0)	8 (7.8)
	F	7 (3.7)	7 (3.7)	10 (9.8)
	G	9 (4.8)	9 (4.8)	2 (2.0)
	H	6 (3.2)	4 (2.1)	1 (1.0)
	I	2 (1.1)	1 (0.5)	2 (2.0)
	J	1 (0.5)	4 (2.1)	0 (0.0)
	K	2 (1.1)	1 (0.5)	0 (0.0)
L	0 (0.0)	0 (0.0)	2 (2.0)	

※, cases that have multiple target lesions and, therefore, allocated to different groups: HSP, hot snare polypectomy; CSP, cold snare polypectomy.

Supplementary Table 2. Procedural information

		<b>HSP group (346 polyps)</b>	<b>CSP group (341 polyps)</b>
<b>Submucosal injection (HSP group only)</b>	Yes	152 (43.9%)	—
<b>Prophylactic haemostasis (HSP group only)</b>	Yes	94 (27.2 %)	—
<b>Observing method for post-polypectomy ulcers</b>	White light only	222 (64.2 %)	240 (70.4 %)
	IEE with/without magnify	124 (35.8%)	101 (29.6%)
	(NBI)	68 (19.7 %)	58 (17.0 %)
	(NBI with magnify)	48 (13.9 %)	37 (10.9 %)
	(Chromo endoscopy)	5 (1.4 %)	1 (0.3 %)
	(Chromo endoscopy with magnify)	2 (0.6 %)	1 (0.3 %)
	(NBI plus chromo endoscopy)	0 (0.0 %)	2 (0.6 %)
	(NBI with magnify plus chromo endoscopy)	1 (0.3 %)	1 (0.3 %)
	(Others)	0 (0.0 %)	1 (0.3 %)

HSP, hot snare polypectomy; CSP, cold snare polypectomy; IEE, image-enhanced endoscopy; NBI, narrow band imaging.

Supplementary Table 3. Subgroup analysis

	Outcome	HSP group (346 polyps)	CSP group (341 polyps)	Risk difference [90% CI]	One-sided P value
<b>Size subgroups</b>					
4-5 mm	Complete resection	211 (97.2 %)	208 (97.2 %)	-0.0 [-2.6, 2.6]	0.017
	Incomplete resection	6 (2.8 %)	6 (2.8 %)		
6-9 mm	Complete resection	126 (97.7 %)	127 (100.0 %)	2.3 [0.1, 4.5]	<0.001
	Incomplete resection	3 (2.3 %)	0 (0.0 %)		
<b>Observing method of post-polypectomy ulcer subgroups</b>					
White light only	Complete resection	215 (96.8 %)	235 (97.9 %)	1.1 [-1.4, 3.5]	0.001
	Incomplete resection	7 (3.2 %)	5 (2.1 %)		
IEE with/without magnify	Complete resection	122 (98.4 %)	100 (99.0 %)	0.6 [-1.8, 3.1]	0.004
	Incomplete resection	2 (1.6 %)	1 (1.0 %)		

Inter-group difference was calculated as the proportion in CSP group minus the proportion in HSP group; HSP, hot snare polypectomy; CSP, cold snare polypectomy; CI, confidence interval; IEE, image-enhanced endoscopy