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Supplementary Figure 1 Flowchart of the selection of the study subjects.

Supplementary Table 1 Concordance between the polyp-based resect and discard strategy and the pathology-based reference standard

		Pathology-based gold standard surveillance recommendation, years ¹				
		1	3	5	10	Total
Polyp-based resect and discard post-hoc model surveillance recommendation, years ²	1	93	0	0	1	94
	3	0	90	0	1	91
	5	0	18	217	53	288
	10	0	6	9	456	471
	Total	93	114	226	511	944
Polyp-based resect and discard surveillance recommendation assigned by endoscopist, years ²	1	56	8	3	5	72
	3	2	78	4	11	95
	5	14	24	205	114	357
	10	21	4	13	381	419
	Total	93	114	225	511	943
Surveillance recommendation based on optical diagnosis using NICE classification	1	93	0	0	0	93
	3	0	89	1	4	94
	5	0	6	218	8	232
	10	0	15	5	498	518
	Total	93	110	224	510	937
Polyp-based resect and discard post-hoc model surveillance recommendation, years ⁴	1	93	0	0	0	93
	3	0	81	0	0	81
	5	0	2	227	1	230
	10	0	7	9	524	540
	Total	93	90	236	525	944

NICE: Narrow-band imaging international colorectal endoscopic.

^{1,2}Based on 2012 polyp-based resect and discard model.

^{3,4}Based on 2020 polyp-based resect and discard model.