

## **Appendix**

**Table 1: Comparison of adenoma detection rates (ADRs) by AI-assisted colonoscopy and conventional colonoscopy without AI:**

	<b>AI-assisted colonoscopy</b>	<b>Conventional colonoscopy</b>
Overall ADR	57.5%	44.5%
ADR* of small adenomas (less than 5mm in diameter)	40.4%	25%
ADR of medium-sized adenomas (5mm-10mm in diameter)	36.8%	29.2%

\*ADR refers to the percentage of patients undergoing colonoscopy, who have one or more precancerous polyps detected.

### **About CU Medicine's development of endoscopic technology**

CU Medicine has engaged in clinical research and translation of innovative endoscopic and laparoscopic devices with the industry since the 1980s. From conventional endoscopic procedures to robotics and AI, the Faculty has achieved tremendous success with its innovative research in endoscopy, which has had widespread clinical impact.