

# Combination of Artificial Intelligence and Mucosal Exposure Device to Enhance Colorectal Neoplasia Detection

NCT05414448

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Chinese University of Hong Kong
Enrollment	1,726 participants

## Plain Language Summary

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This trial tests whether combining AI-assisted colonoscopy with a special device that improves colon visibility helps doctors detect more colon polyps and cancer compared to standard colonoscopy.

**\*\*You may be eligible if...\*\***

- You are 45–85 years old
- You are having a colonoscopy for cancer screening, polyp follow-up, or symptoms like anemia or changes in bowel habits
- You have provided written informed consent

**\*\*You may NOT be eligible if...\*\***

- You have a reason you cannot safely have a colonoscopy (e.g., bowel obstruction)
- You are on blood thinners or have active bleeding that prevents polyp removal
- You have a history of colorectal cancer, familial polyposis, or inflammatory bowel disease
- You have had prior colon surgery
- You have advanced medical conditions (ASA grade 4 or above)
- You are pregnant

Talk to your doctor to see if this trial is right for you.

## Key Eligibility Criteria

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### Inclusion (3)

- Aged 45-85 years old;
- They require elective colonoscopy for colorectal cancer screening, polyp surveillance, or investigation of symptoms such as anemia or altered bowel habit;
- Written informed consent obtained.

### Exclusion (10)

- Contraindication to colonoscopy (e.g. intestinal obstruction or perforation)
- Contraindication or conditions precluding polyp resection (e.g. active gastrointestinal bleeding, uninterrupted anticoagulation or dual antiplatelets)
- Staged procedure for polypectomy or biopsy of known unresected lesions
- Previous surgical resection of colon
- Personal history of colorectal cancer
- ... and 5 more (see full listing online)

## Locations (1 total)

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<https://clinicaltrials.gov/ct2/show/study/NCT05414448> Prince of Wales Hospital, Shatin, Hong Kong Island, Hong Kong

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