

COMPARATIVE STUDY BETWEEN CF-H290I AND PCF-Q260JI COLONOSCOPE IN NON-SEDATED PATIENTS WITH A HISTORY OF ABDOMINAL OR PELVIC SURGERY: A RANDOMIZED CONTROLLED STUDY

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Poster

Oesophagus

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In non-sedated patients with a history of abdominal or pelvic surgery, the PCF-Q260JI colonoscope reduced patient discomfort and improved acceptance compared to the CF-H290I colonoscope, though cecal intubation took longer.

KEY POINTS

- This randomized controlled trial enrolled 397 non-sedated patients with prior abdominal or pelvic surgery, comparing PCF-Q260JI (n=199) versus CF-H290I (n=198) colonoscopes at a single center in China from August to October 2022.
- Patient satisfaction was higher with PCF-Q260JI than CF-H290I (8.91 vs 8.51, $P<0.01$), with less discomfort (11.6% vs 20.7%, $P=0.013$) and greater acceptance of future colonoscopy (84.4% vs 75.3%, $P=0.023$).
- Cecal intubation time was shorter with CF-H290I (256.09 seconds vs 315.64 seconds, $P=0.004$), while adenoma detection rates did not differ significantly between groups (31.7% vs 40.9%, $P=0.055$).
- No complications such as perforation or bleeding occurred in either group.
- This study may inform colonoscope selection for endoscopists performing non-sedated procedures in patients with surgical history.

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