

A PROSPECTIVE RANDOMIZED STUDY COMPARING DOUBLE-BALLOON ENTEROSCOPY AND MOTORIZED SPIRAL ENTEROSCOPY

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A randomized trial at two tertiary centers compared motorized spiral enteroscopy with double-balloon enteroscopy in 36 patients, finding higher diagnostic yield but no severe complications with double-balloon versus one perforation with motorized spiral.

KEY POINTS

- 39 enteroscopies (19 motorized spiral, 20 double-balloon) were performed in 36 patients at two tertiary centers in a randomized prospective trial.
- Diagnostic yield was higher in double-balloon enteroscopy with positive findings in 75% compared to 32% in motorized spiral enteroscopy.
- Complete enteroscopy was achieved in 26% of motorized spiral cases with a median time of 36 minutes versus 10% of double-balloon cases with a median time of 45 minutes.
- One perforation occurred in the motorized spiral group, while no severe complications occurred in the double-balloon group.
- The authors conclude that motorized spiral enteroscopy seems more effective in terms of speed and depth but is associated with more complications.

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