

## A Method for Performing Radiopaque Enema after Endoscopy of the Colon

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### Abstract

The purpose of this study is improvement of diagnostics of the colon diseases and increase the effectiveness of radiographic method in the evaluation of patients coloproctological profile in terms of pneumatosis of the colon. The research is based on 149 patients with various complaints from the gastrointestinal tract. Here were 37 (24,8 %) men and 112 (75,2 %) women among them, ranging in age from 17 to 84 years. In the colon of all patients was determined significant amount of air from the previously performed endoscopy. At colonoscopy the examine of 116 patients colon wer realized just before the rectum and sigmoid colon. The main reason for the impossibility of endoscopic examination is soreness and psychological intolerance to the procedure was detected in 69 (53,5 %) patients, including due to rigid fixation of the distal colon in 40 (31 %) patients. After a barium enema performed by a special technique was evaluated the necessity and possibility of performing X-ray examinations of the colon in patients directly after the survey with the introduction into the colon of gas media. By results of work it is established that performance of x-ray examination of the colon immediately after incomplete colonoscopy possible, and in some cases even necessary, for the purpose of diagnosis or differential diagnosis of diseases of the colon. And also it was conducted a comparative assessment of the effectiveness of traditional and new barium enema x-ray technique in patients after the colonoscopy, which according for 87 and 97 %.

**Key words:** Incomplete Colonoscopy, Colonoscopy Inefficient, Barium Enema.

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