

ACRIN TRIAL UTILIZING E-Z-EM PRODUCTS SHOWS VIRTUAL COLONOSCOPY COMPARABLE TO COLONOSCOPY



Both E-Z-EM's PROTOCO₂L™ and Tagitol V™ (barium sulfate suspension (40% w/v)) were selected by ACRIN as their clinical standards for this landmark trial. In addition, E-Z-EM's NutraPrep® Pre-procedure Meal Plan and LoSo Prep™ (magnesium citrate 18.0 g, bisacodyl tablets 4 x 5 mg, bisacodyl suppository 1 x 10 mg) low-volume, low-sodium Bowel Cleansing System were included as options.

The recently completed ACRIN National CT Colonography Trial (ACRIN 6664) demonstrated that virtual colonoscopy is comparable to the colonoscopy gold standard for intermediate to large adenomas.

- 15 centers, 2,531 asymptomatic patients over age 50.
- Researchers used PROTOCO₂L Automated Carbon Dioxide Insufflator (E-Z-EM, Inc.), Tagitol V Fecal Tagging Agent (E-Z-EM, Inc.), and fluid tagging (iodinated oral contrast media).
- 90% sensitivity and 86% specificity for adenomas \geq 1 cm.
- 84% sensitivity for lesions \geq 7 mm.
- Specificity between 86-89% across all relevant lesion sizes.

According to principal investigator Dr. C. Daniel Johnson:*

"It is reasonable to consider broader application of this relatively noninvasive imaging modality. Hopefully, this will enhance compliance with colorectal cancer screening guidelines."

"Results indicate most patients undergoing CTC would not need subsequent colonoscopy, sparing them cost, risk, and inconvenience of needing a second test."

* Summary of ACRIN trial shows VC ready for widespread use. *AuntMinnie.com* 09/28/07.

E-Z-EM is your Virtual Colonoscopy Clinical Partner

E-Z-EM developed a comprehensive line for the virtual colonoscopy practitioner to help ensure a successful practice.

For Patient Insufflation

PROTOCO₂L

- Patient comfort and safety
- Excellent and consistent distension
- Enhanced productivity

Adequate colonic insufflation is critical for a successful virtual colonoscopy exam. PROTOCO₂L is a unique system that fully automates the insufflation process, freeing staff for other duties. An automated system helps ensure excellent and consistent distension from patient-to-patient and tech-to-tech. Since carbon dioxide is readily absorbed into the body tissues, patients may experience less bloating, cramping and discomfort post-procedure than with room air. Safety features help protect against over-insufflation.



For Fecal Tagging

Tagitol V

- Helps speed analysis
- Can reduce false positives/negatives
- Can improve productivity

Distinguishing pathology from residual stool is one of the most challenging aspects of virtual colonoscopy. Consumption of low-volume, pleasant tasting Tagitol V with meals prior to examination can effectively tag retained stool and help avoid misinterpretation of data. With just a 20 mL dose with breakfast, lunch, and dinner, Tagitol V provides convenience and simplicity for both clinicians and patients. It can aid in the detection of pathology, help speed analysis, help reduce incidences of false positives/negatives, and help improve productivity without any additional, specialized software.



For Patient Preparation

NutraPrep

- Can minimize patient stress and discomfort associated with clear liquid diet
- Helps improve patient compliance
- Can achieve clear visualization of colon

NutraPrep is a prepackaged kit of low-residue foods that provides a complete, satisfying diet for the day prior to the patient's procedure while minimizing the amount of retained fecal material.



LoSo Prep

- Does NOT contain sodium phosphate
- Gentler than other bowel preps
- Low volume, pleasant tasting
- Helps achieve patient compliance

LoSo Prep is a very low sodium bowel cleansing system that is right for most patients – even those on restricted diets. Its low (8 oz) volume and pleasant taste help reduce patient dissatisfaction while providing a thorough cleansing of the bowel.



For more information, including prescribing information for both Tagitol V and LoSo Prep, please contact your local E-Z-EM representative.

OR Call Customer Solutions at 1-800-544-4624, 516-333-8230

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