Introducing the Next Generation of Colon Insufflation...

NEW

PROTOCOL TOUCH

The CO₂ Advantage for CT Colonography

Clarity

Comfort

Committed to Science, Committed to You.
**PROTOCO₂L TOUCH PRODUCT INFORMATION**

**COLON INSUFFLATOR**
- Uses standard medical grade (USP) D or E size CO₂ cylinders
- Connects to a standard hospital electrical receptacle
- Cart provides storage area for CO₂ cylinders and a dedicated holder for spare administration sets

**ADMINISTRATION SET**
- Vinyl tubing, syringe, and plastic tubing clamp not made with natural rubber latex
- Includes silicone rectal catheter with retention cuff, 0.1 μm hydrophobic filter, 100 mL effluent collection container, and PROTOCO₂L Touch connector

- Firm blue tip aids effective insertion
- High quality silicone ensures catheter is rigid enough for effective insertion, yet soft enough for patient comfort
- Easy-to-see blue line to aid catheter placement
- Large holes for effective delivery of CO₂
- Supplied with a syringe for effective inflation of the cuff up to 30 cc
Comfort for the Patient

CO₂ Advantage vs. Room Air:

• Rapid absorption of CO₂ compared to room air insufflation improves patient comfort¹
• The preferred method of colonic insufflation for a positive patient experience¹⁻⁵

After CO₂ insufflation, 94% of patients had only a trace to a minimal amount of residual gas⁶


INDICATIONS AND USAGE

The PROTOCO₂L Touch Colon Insufflator provides a software controlled insufflation of carbon dioxide during CT colonoscopy. Carbon dioxide is more rapidly absorbed than room air and helps minimize the patient's post-procedure bloating and cramping. PROTOCO₂L Touch helps reduce staff time during the colon insufflation process and enhances productivity. Automated insufflation helps ensure adequate and consistent distension in a patient- and operator-independent manner. It also features a specially designed small tip for patient comfort, as well as safety features to help protect against over-insufflation.

IMPORTANT SAFETY INFORMATION

The PROTOCO₂L Touch Colon Insufflator administers and regulates carbon dioxide as a distention media to the colon during CT Colonography. The PROTOCO₂L Touch Colon Insufflator should be used only when colon insufflation is indicated, and should therefore not be used for any other treatment. It should only be used under the direct guidance of a physician experienced in colon insufflation.

Instructions for Use may be obtained by contacting Bracco Diagnostics Professional Services Department at 800-257-5181, option 2.


Since 2002

The CT Colonography Company™
Clarity for Optimal CT Colonography

Easy to insufflate

- Automation ensures adequate distention from patient to patient
  - Any gas lost during the study is automatically replaced to maintain distention adequate for scanning
- Less variability from user to user

Easy to scan and read

- Ready-to-scan software ensures successful “first-scan” results
  - Software interface alerts users of insufflation completion and optimal colonic distention, a key parameter for successful CT colonography evaluation

Automation delivers the right amount for comfortable colonic distension

The improvement in overall distention with CO₂ was >400mL in volume compared to room air (2223 ± 686 mL vs. 1809 ± 514 mL; p<0.01). The CT technologists at my institution unanimously prefer the automated CO₂ technique over manual methods. They cite a more clearcut point to begin scanning, a diminished need for coaching patients, and decreased operator dependence. - Pickhardt PJ. AJR. 2007;189:290-298.

The Experts agree

“The CT technologists at my institution unanimously prefer the automated CO₂ technique over manual methods. They cite a more clearcut point to begin scanning, a diminished need for coaching patients, and decreased operator dependence.”

“The preferred method of colonic insufflation is by means of mechanical insufflation using carbon dioxide.”

— American College of Radiology 2014 CT Colonography Practice Parameters
Consistency From Study to Study

Intuitive design streamlines insufflation
- Helps decrease demand on staff time, particularly during insufflation\(^1\)
  - Insufflation time with the PROTOCO\(_2\) L Touch averages 1-5 minutes and can easily be completed with one technologist, if necessary\(^1\)
- Puts control at the user’s fingertips with a simple touchscreen interface
- Provides real-time information by visually displaying pressure and volume for quick reference during the procedure
- Offers the convenience of both visual and audible alerts when CO\(_2\) supply is low

Patient comfort and safety features
- Protects against over-insufflation with automation, over-pressure audible alerts, pressure relief valves, and one-touch flow-stop feature
- Safety shutdown feature for further safety support
- Soft, high-quality catheter for comfortable insertion

Simple setup and insertion
- Catheter features insertion guides to aid in quick, easy, accurate, and comfortable patient placement
- Administration sets are designed for intuitive connection to and removal from the insufflator
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**References:**

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