



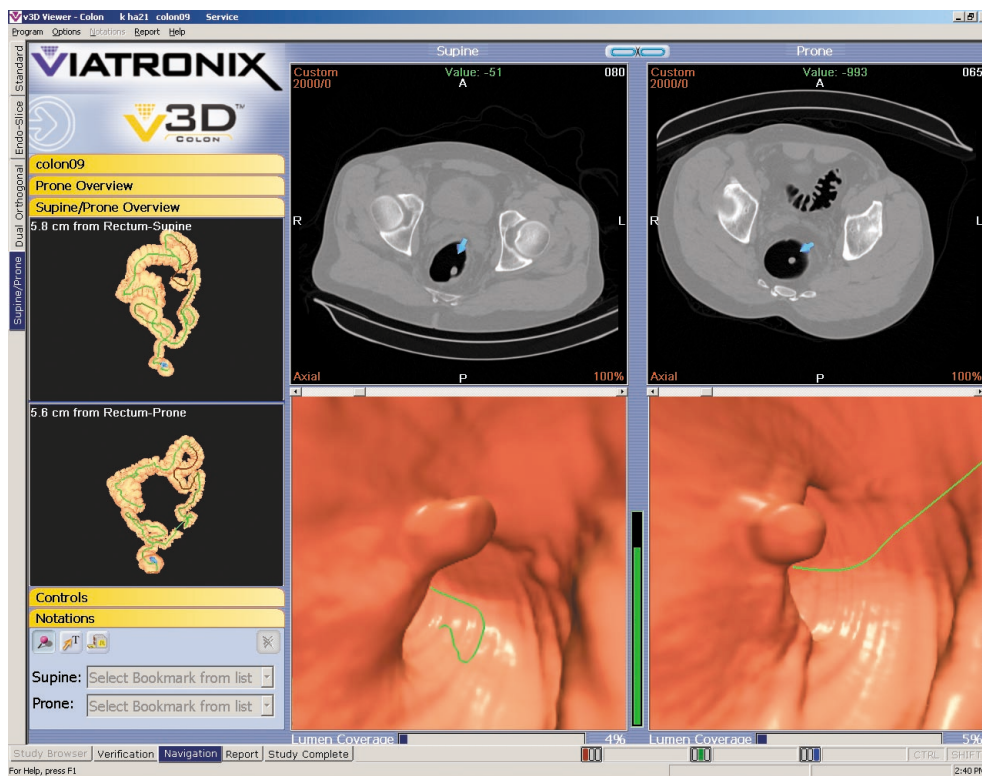
A FULL-FEATURED, AUTOMATED VIRTUAL COLONOSCOPY SYSTEM

SYSTEM OVERVIEW

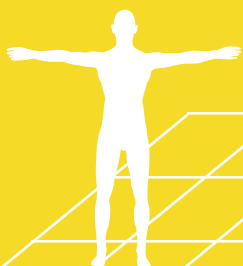
- Enhanced detection of polyps as small as 3mm
- Proven to compare favorably with optical colonoscopy as a diagnostic tool¹
- Preferred by radiologists and gastroenterologists for its polyp conspicuity, 3D effect and likeness to optical colonoscopy²
- Interpretation time takes 15 minutes or less
- Superb images achieved with ultra-high resolution
- Non-invasive, no sedation, greater patient comfort

Want more information about V3D-Colon?
Contact us today for a demo!

Phone: 1-866-887-4636
E-mail: sales@viatronix.com



OPTIMIZED SOLUTION FOR
2D AND 3D CLINICAL DIAGNOSIS

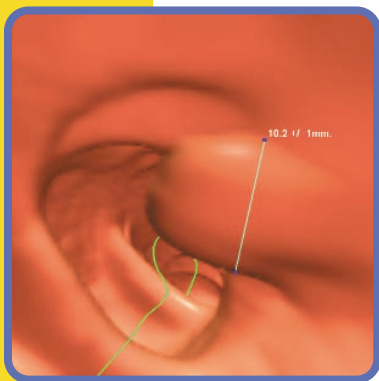




V3D-COLON

ABOUT V3D-COLON

Virtual colonoscopy uses 2D computed tomography (CT) images of the colon, rendered into 3D images, to screen for polyps and other abnormalities.



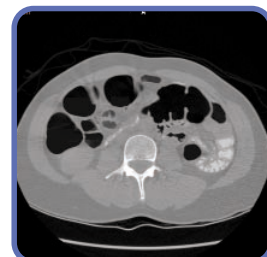
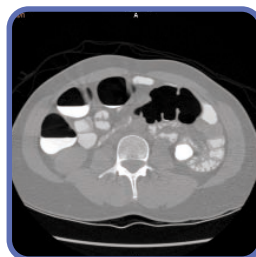
The V3D-Colon examination consists of two non-invasive CT scans, obtained within 15 minutes. These supine and prone scans are acquired and then sent to Viatronix's workstation, where they are automatically pre-processed with no user intervention required.

In about 7 minutes, the images are reconstructed into a 3D model of the colon, and the physician may begin clinical analysis of the images. In preparation for clinical review, the images have been automatically segmented, a centerline has been extracted, and tagged material has been electronically cleansed.

V3D-Colon offers greater diagnostic capability through the system's correlation of both 2D and 3D images. In addition, the physician may view 100% of the colon's surface through the system's surface coverage verification feature. Users may fly off the centerline at any time to view an area of interest, and may view any area from a nearly unlimited perspective.



Displays viewed regions



Electronically cleanses residual stool

SYSTEM FEATURES

- Automatic and interactive navigation
- Real-time volume rendering
- Easy-to-use system includes automatic segmentation, centerline extraction, and electronic bowel cleansing
- 100% lumen coverage and verification
- Exceptional high resolution and superb 3D effects
- Synchronized 2D and 3D views
- Unrestricted viewing of all angles of colon surfaces
- Intuitive user interface simplifies use
- Full suite of productivity tools, including:
 - 3D measurement
 - Automated 2D flight
 - Prone/supine view matching
 - Missed region tool
 - Translucent rendering
 - 2D and 3D synchronized views

BENEFITS TO PHYSICIANS

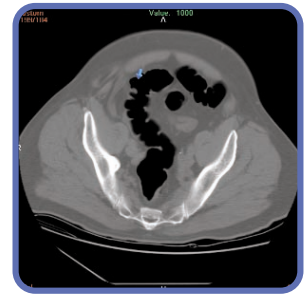
- Automatic pre-processing requires no physician time
- Unparalleled high frame rates and high image quality means less than 15 minutes for a complete examination
- Accurately identifies polyps 3mm +
- Enhances clinical diagnostic capability
- Permits examination of 100% of colon surface
- Utilizes DICOM images
- Application specific tools ensure ease of use and thorough exam
- Provides fast, integrated electronic multi-media reporting

BENEFITS TO PATIENTS

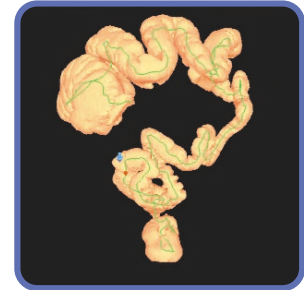
- Compares favorably with results obtained by optical colonoscopy
- Less invasive, more comfortable examination
- Minimized preparation when compared to optical colonoscopy
- Faster examination, with no sedation required
- Self-transport to and from procedure
- Immediate resumption of activity following examination



2D images acquired through CT diagnostic imaging device.



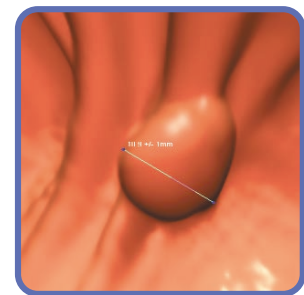
V3D-Colon automatically processes images and reconstructs the 3D model.



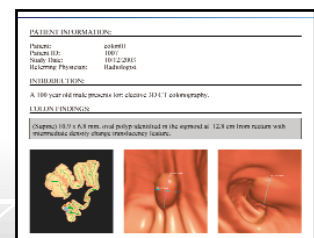
Images are archived for later retrieval.



3D reconstructed images are viewed through V3D Viewer.



Clinical assessment is issued using custom reporting templates for referring physician.





VIATRONIX, INC. IS A LEADING INNOVATOR AND DEVELOPER OF DIAGNOSTIC 3D IMAGING SOFTWARE, WHICH ENABLES PHYSICIANS TO INTERACTIVELY VIEW PATIENTS' VITAL ORGANS AND ANATOMICAL STRUCTURES. THE VIATRONIX PATENT PROTECTED PRODUCT LINE INCLUDES:

- V3D-Explorer, which enables 3D visualization of organs from patient data acquired by standard imaging equipment;
- V3D-Colon, which allows physicians to interactively view a 3D reconstructed CT scan, providing visualization and screening of the colon for polyps, masses, cancers and other lesions;
- V3D-Calcium Scoring, which aids physicians in determining the amount of calcified plaque accumulation in the coronary arteries;
- V3D-Vascular, which enables streamlined 2D and 3D imaging of contrast-enhanced vascular studies.

V3D TECHNOLOGY PROVIDES PACS INTERFACING CAPABILITIES.

NOTES FROM FRONT:

1. PERRY J. PICKHARDT ET AL. SCREENING FOR COLORECTAL NEOPLASIA WITH VIRTUAL COLONOSCOPY: RESULTS OF A PROSPECTIVE MULTICENTER TRIAL IN 1233 ASYMPTOMATIC ADULTS. IN: BARISH MA, SOTO JA, FERRUCCI JT, ED. PROCEEDINGS OF THE 4TH INTERNATIONAL SYMPOSIUM ON VIRTUAL COLONOSCOPY. BOSTON, MA. OCT 13-15, 2003. PAGES 32-37.

2. PERRY J. PICKHARDT. "THREE-DIMENSIONAL ENDOLUMINAL CT COLONOGRAPHY (VIRTUAL COLONOSCOPY): COMPARISON OF THREE COMMERCIALLY-AVAILABLE SYSTEMS", PUBLISHED IN AMERICAN JOURNAL OF ROENTGENOLOGY, 2003, VOLUME 181, PAGES 1599-1607.

FOR A FREE PRODUCT DEMONSTRATION, PLEASE CONTACT US:

1-866-887-4636



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