

VIATRONIX

V3D[®]Colon - The new imaging reality

RECOGNIZED LEADER IN CLINICAL APPLICATIONS

VIATRONIX V3D[®] SOLUTIONS OFFER:

- ➔ USER-FRIENDLY / INTUITIVE INTERFACE
- ➔ CONFIDENCE OF READ
- ➔ AUTOMATIC POST PROCESSING
- ➔ GUIDED WORKFLOW ACROSS ALL MODULES
- ➔ HIGHEST CLINICAL VALIDATION
- ➔ SOFTWARE ONLY ENTERPRISE SOLUTION
- ➔ EFFICIENT READ TIMES
- ➔ TEMPLATE REPORTING

Viatronix is a leading innovator and developer of 2D/3D medical imaging and diagnostic software. The software enables physicians to interactively view vital organs and anatomical structures within the human body from data acquired by standard medical imaging equipment in minimally or non-invasive methods.

Viatronix, through application of the V3D[®] technology, is developing additional innovative products that will be useful in early detection of other diseases, treatment planning, intervention, and follow-up evaluation.

ABOUT VIRTUAL COLONOSCOPY

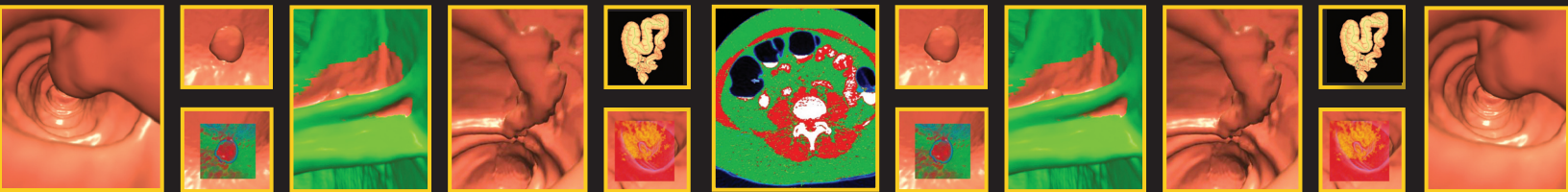
Virtual colonoscopy uses 2D computed tomography (CT) images of the colon, rendered into 3D images and used to screen for polyps and other abnormalities.

The V3D[®]-Colon examination consists of two non-invasive CT scans, obtained in less than a few minutes. These supine and prone scans are acquired and then sent to Viatronix's workstation, where they are automatically post-processed with no user intervention required.

Within 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.



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V3D®-COLON WORKFLOW

- 2D images acquired through CT diagnostic imaging device
- V3D®-Colon automatically processes images and constructs the 3D model
- 3D reconstructed images are viewed through V3D®Viewer
- Images are archived for later retrieval
- Clinical assessment is issued using custom reporting templates for referring physician

SYSTEM FEATURES

V3D®-Colon features are the strongest and backed by the highest number of clinical trials in the industry

- Intuitive user interface simplifies use
- Automatic and Interactive navigation; automatic flythrough with variable speed.
- High-quality real-time volume rendering with completely automated center line
- 100% lumen coverage and verification
- Robust electronic cleansing works with multiple patient preps
- Assists physicians in finding very small polyps and in some instances, flat lesions
- Exceptional high resolution and superb 3D effects
- Seamlessly integrated CAD modules are available where approved
- Synchronized 2D and 3D views
- Unrestricted viewing of all angles of colon surfaces
- A robust PACS interface that works with any DICOM 3.0 compliant PACS
- Provides confidence of read with highest array of analysis tools:
 - Translucent rendering
 - Multiple examination screen options
 - Adjustable field of view
 - 3D volumetric measurement
 - 2D and 3D measurement
 - Undistorted dissected view
 - Flexible primary read in 3D or 2D available

BENEFITS TO PHYSICIANS

- Automatic post-processing requires no physician time
- Average read time per patient = 10-12 minutes
- Visualizes polyps 3mm or greater
- Enhances clinical diagnostic capability
- Ensures 100% coverage of segmented colon surface
- Application specific tools guarantee ease of use and thorough exam
- Provides fast, integrated electronic templated multi-media reporting with a PACS interface

ONLY VC SYSTEM TO BE VALIDATED IN NUMEROUS CLINICAL TRIALS

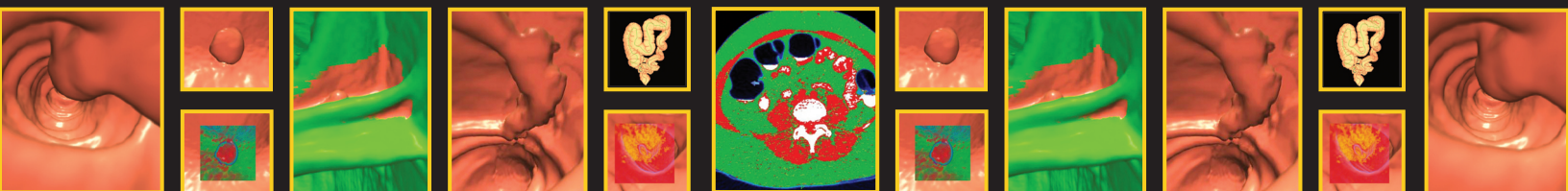
BENEFITS TO PATIENTS

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

FINANCIALS BENEFITS (ROI)

- Dedicated CTC/VC module developed for CTC/VC from the ground up
- Short read times leads to more patient throughput
- Software only solutions reduces the need for dedicated hardware
- No requirement to purchase a base workstation or purchase add-on clinical applications
- Flexible and scalable solutions: stand-alone module to multi-user scalable modules, allowing a site to customize the solution to its patient volume
- Peer to peer independent educational courses offered on an ongoing basis

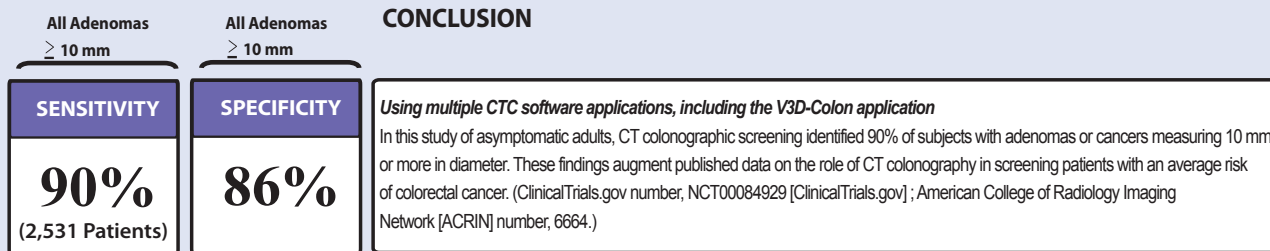
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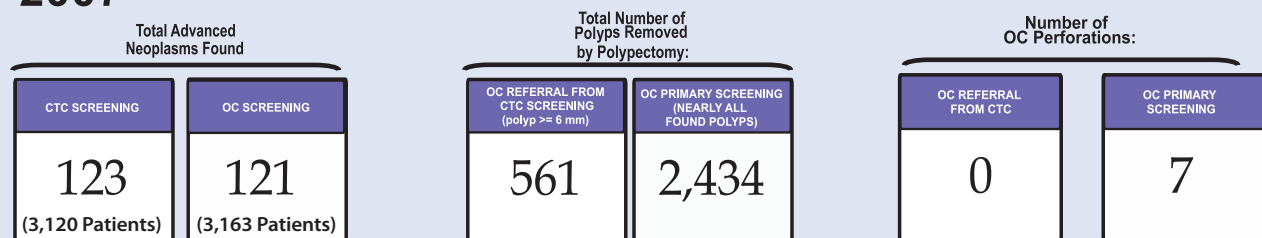
LANDMARK RESULTS WITH VIATRONIX

2008 2,531 Patients Published in the New England Journal of Medicine.



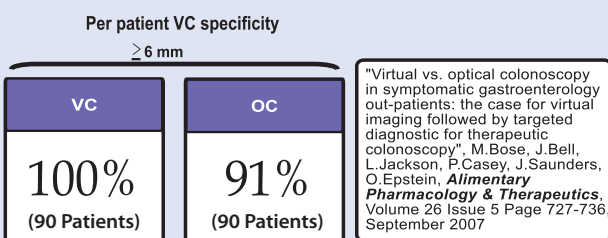
"Accuracy of CT Colonography for Detection of Large Adenomas and Cancers", C. Daniel Johnson, M.D., M.M.M., Mei-Hsiu Chen, Ph.D., Alicia Y. Toledano, Sc.D., Jay P. Heiken, M.D., Abraham Dachman, M.D., Mark D. Kuo, M.D., Christine O. Menias, M.D., Betina Siewert, M.D., Jugesh I. Cheema, M.D., Richard G. Obregon, M.D., Jeff L. Fidler, M.D., Peter Zimmerman, M.D., Karen M. Horton, M.D., Kevin Coakley, M.D., Revathy B. Iyer, M.D., Amy K. Hara, M.D., Robert A. Halvorsen, Jr., M.D., Giovanna Casola, M.D., Judy Yee, M.D., Benjamin A. Herman, S.M., Lawrence J. Burgart, M.D., and Paul J. Limburg, M.D., M.P.H., New England Journal of Medicine, September 18, 2008, (Volume 359:1207-1217)

2007 CTC was done exclusively on Viatronix software.

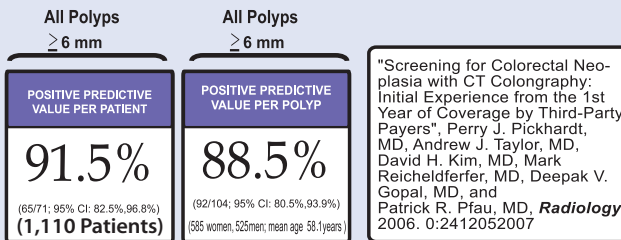


"CT Colonography versus Colonoscopy for the Detection of Advanced Neoplasia", David H. Kim, M.D., Perry J. Pickhardt, M.D., Andrew J. Taylor, M.D., Winifred K. Leung, M.D., Thomas C. Winter, M.D., J. Louis Hinshaw, M.D., Deepak V. Gopal, M.D., Mark Reichelderfer, M.D., Richard H. Hsu, M.D., and Patrick R. Plau, M.D., New England Journal of Medicine October 4, 2007 (Vol 357 No 14)

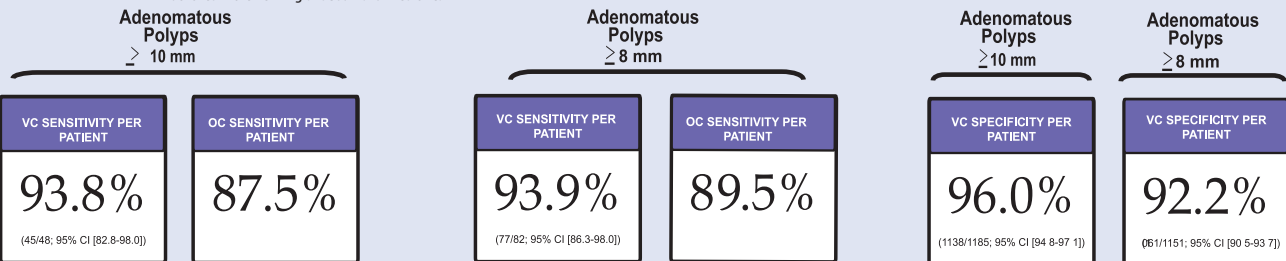
2007 Exclusively done on Viatronix V3D-Colon Software.



2006 1,110 Patients Exclusively done on Viatronix V3D-Colon Software.



2003 1,233 Patients Exclusively done on Viatronix V3D-Colon Software. Published in the New England Journal of Medicine.



"Computed Tomographic Virtual Colonoscopy to Screen for Colorectal Neoplasia in Asymptomatic Adults", Perry J. Pickhardt, M.D., J. Richard Choi, Sc.D., M.D., Inku Hwang, M.D., James A. Butler, M.D., Michael L. Puckett, M.D., Hans A. Hildebrandt, M.D., Roy K. Wong, M.D., Pamela A. Nugent, M.D., Pauline A. Mysliwiec, M.D., M.P.H., and William R. Schindler, D.O., New England Journal of Medicine, December 2003 issue (Vol. 349, No. 23)

