

Special Instructions:

Your appointment is scheduled for:

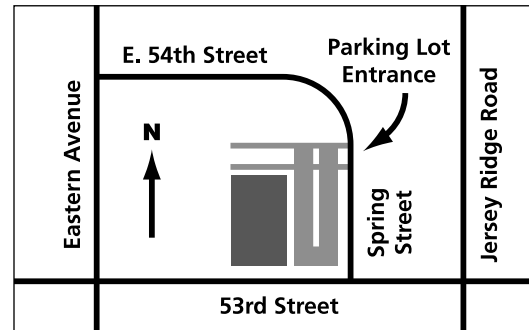
Day: _____

Time: _____

If you cannot keep this appointment, please call (563) 359-3931 to cancel or reschedule.

Driving Directions

1970 E. 53rd St., Davenport



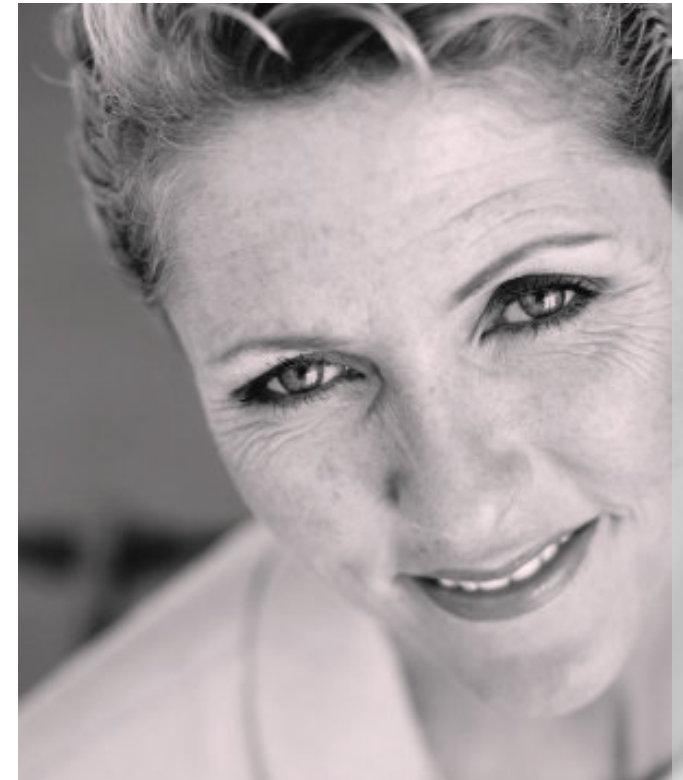
If you are approaching from the East:

Turn right on Spring Street (just west of TPC's building). Our parking lot entrance will then be on your left.

If you are approaching from the West:

Turn left (north) on Eastern Avenue at the stop-light. Proceed two blocks to 54th St. and turn right. Follow 54th St. as it runs into Spring St. Our parking lot entrance will be on your right before you reach the stop sign at 53rd St.

Virtual Colonoscopy



RG
Radiology
Group
Imaging Center

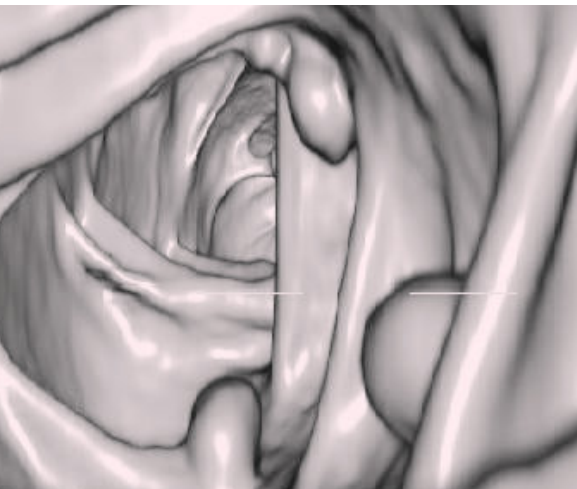
The Power to Know™

What is a Virtual Colonoscopy?

Virtual Colonoscopy is a relatively new technique that uses a CT scanner and computer virtual reality software to look inside the body without having to insert a long tube (Conventional Colonoscopy) into the colon or without having to fill the colon with liquid barium (Barium Enema). This fast and painless procedure allows doctors to look at 3D images of the large bowel (colon) to detect polyps and cancers. Polyps are small growths in the colon that may become cancerous if they are not removed.

Why have a Virtual Colonoscopy?

Colon cancer is the second leading cause of cancer-related deaths in the United States. Nearly 60,000 deaths occur each year because fewer than 40 percent of adults have ever been screened for colon cancer. Fortunately, there is a 90 percent cure rate when colorectal cancer is detected early.



Currently, Virtual Colonoscopy is not used in place of conventional colonoscopy or a barium enema study. The exam may be recommended for patients who have undergone conventional colonoscopy or have had a barium enema exam, but for whom additional views of the large bowel are desired.

In the future, as this capability is developed, Virtual Colonoscopy will serve as a safe, non-invasive method to screen for colorectal cancer and other diseases of the colon and bowel.

How long will the exam take?

Scanning usually takes no more than 2 to 3 minutes. The whole procedure usually lasts about 15 minutes.

How do I prepare for my Virtual Colonoscopy?

A low fiber/low residue diet is suggested for best results 2 days prior to your exam. You will be given a list of foods that are allowed and foods to avoid before your study.

You will also be instructed to drink agents that will cleanse your colon. Cleansing the bowel is necessary to remove solid material that would interfere with your exam. It is very important to drink all of the water you are instructed to drink. This will aid in the diagnostic quality of your exam.

The day of your exam

Wear comfortable clothing to the imaging center for your exam. Do not eat or drink anything the day of your test. If you have medications to take, please use limited amounts of water. Please confirm with your physician regarding these medications. While brushing your teeth, please rinse only. Do not swallow water. Two hours before your appointment you will be instructed

to insert a suppository into the rectum. Bowel evacuation usually occurs within 15 to 60 minutes. Patients requiring assistance should have a bedpan, commode or help readily available.

What will the exam be like?

The exam begins with the insertion of a small, flexible rectal tube that injects air to expand the colon. This is much like having an enema. You may experience some discomfort with mild cramping (but not painful) when the colon is being filled with air.

The CT scan can be completed in one or two breath holds, and then the rectal tip is removed and the air is expelled or absorbed. There are no needles or injections required and, therefore, it is non-invasive.

Once the air is inserted, you will undergo imaging by both laying on your back and your stomach. The CT scan produces images in very thin slices of the colon that our Radiologists analyze to determine the presence of polyps. You may be asked to stay very still and hold your breath while the actual images are being made.

Following the exam

You may experience some discomfort for a few hours following your exam until the air that was inserted inside of you is either expelled or absorbed. Otherwise, you may continue with your normal routine.

Exam results

A Radiologist, a physician who specializes in the study of various imaging tests, will study the images from your Virtual Colonoscopy and send a typed report to your designated health provider.