



Do you have questions about radiation dose and CT?

A Patient's Overview

Lower Radiation, High Definition is the ANSWER

To improve safety for our patients, in 2009, **Fairfax Radiological Consultants, P.C. (FRC)** was among the first radiology practices in the world to become 100% "Low Dose" in all five of our CT outpatient facilities. To assure our patients receive the highest quality images at the lowest achievable radiation dose, FRC **chose** to implement a comprehensive **CT Radiation Dose Reduction Initiative** by utilizing:

- **New**, state-of-the-art, **low dose, high definition GE CT scanners** at each of our 5 CT imaging centers.
- **Highly trained technologists** that utilize specific exam protocols that maximize image quality with the lowest radiation dose possible.
- The **newest software technology** (ASIR) that reduces radiation dosage an average of 50% and improves image clarity by up to 33%.
- An extensive and unique ongoing **QA program** that documents and evaluates **every patient's dose**.

Now, a year after implementation, (2010) after 40,000 patient results, our data confirms that in more than 90% of patients we have successfully lowered their radiation dose by an average of 50 to 70%. In some procedures, like Cardiac CTA, we have been able to lower the dose by up to 90%!

Scheduling and Your Exam

Our scheduling and registration staff will make sure that you are properly prepared for the examination to ensure your maximum comfort and safety.

The CT exam is a non-invasive, painless exam. Actual exam time is very brief, 3 -10 minutes depending on the part of the body being examined. Your exam may require contrast. The contrast is administered orally or by intravenous injection.

When the exam is completed, one of our physicians, a board certified radiologist specifically trained in medical imaging interpretation, will review your images. Your doctor will receive a final report within a few days of your visit.

About Us

Fairfax Radiological Consultants, P.C. (FRC), established in 1963, is currently the largest private radiology practice in the Washington D.C. Metropolitan Area. FRC provides world-class radiological services to patients, doctors and hospitals throughout Northern Virginia. With over 70 sub-specialized radiologists, in addition to CT imaging, our physicians cover the spectrum of imaging services.

FRC is committed to improving patient safety by researching, evaluating and implementing technologies and protocols that further lower the radiation dose for all procedures. We care about radiation exposure. That is why we are committed to helping you understand the issues surrounding this topic.

Providing the highest quality CT scans in a safe environment is not an option, it is a necessity!

Do you still have questions?

For more information, call **1-888-4-LOW-DOSE** (1-888-456-9367) to speak directly to a knowledgeable, professional technologist who can answer questions and address any concerns relative to CT scanning. By contacting us at this number **before** arriving for a scheduled CT exam, we can calculate an estimated anticipated radiation exposure **prior** to the procedure. You can also call **after** a CT has been performed to learn the actual dosage received from the exam.

Contact Information

Patient Scheduling 703.698.4488

Locations

- Centreville-Clifton Imaging Center
 - Prosperity Imaging Center
 - Reston-Herndon Imaging Center
 - Woodburn Diagnostic Center
 - Yorktown Imaging Center
- Visit fairfaxradiology.com for directions.**

Learn more about the benefits of our high definition, low radiation dose CT scanners visit fairfaxradiology.com/lowdose