

What happens after my appointment?

The images from your exam will be used by your doctors to help develop a precise, targeted radiation therapy plan. Your physician will advise you regarding your ideal treatment plan and when you will begin radiation therapy treatment.

Your CT simulation appointment is:

_____ at _____

<<facility image>>

<<Healthcare Facility Name>>
<<Healthcare Facility Address>>
<<City>>, <<State>>, <<zipcode>>

<<Healthcare Facility URL>> • <<Healthcare Facility Phone>>

**Did your doctor
request a CT exam
to plan for your
radiation therapy?**



**Here’s what you need to know
before your appointment.**

[facility logo]

What to expect before your CT exam.

What is CT simulation?

A Computed Tomography (CT) exam is a type of medical imaging that shows detailed anatomical structures. You can think of it like an X-ray, except a CT simulation exam will help your doctor locate diseased cells in your body in 3D so radiation therapy can be primarily directed to those cells that need it.



Why is it used?

A CT simulation exam is used to help your therapy team create a more personalized radiation therapy treatment program. Radiation beams need to be aimed very precisely at diseased cells. The simulation will help your doctor decide how much radiation is needed, how it should be given, and how many treatments you should have.

The high image quality and outstanding resolution of our SOMATOM® Confidence RT Pro scanner can help your physicians be more precise in their treatment planning. With it, we can provide a more individualized radiation therapy treatment that meets your specific needs.

Is it safe?

At our facility, we are dedicated to the highest levels of patient safety—which is why our healthcare team selected the SOMATOM Confidence RT Pro system. All CT systems use small amounts of ionizing radiation that pass through your body to create an image. The SOMATOM Confidence RT Pro features technologies that provide the right low dose for each individual patient while maintaining the excellent image quality your physicians need to plan your treatment.

What will happen during my CT simulation appointment?

The CT system is shaped like a large doughnut and the center of it is called the gantry bore. You'll be asked to change into a gown and then you will lie down on the machine table. Once you are on the table, the therapist will help you get into the correct position. The CT table will move slowly through the gantry. The therapist may ask you to hold your breath during the exam, and you'll hear a low whirring sound as the exam takes place. It's very important that you try not to move during the exam so that the therapist may obtain crystal clear images. In most cases the image acquisition only lasts a few seconds.

If you have questions or concerns, please contact your physician.