



WE'RE HERE TO HELP

We appreciate the opportunity to participate in your care. The more you understand about your treatment, the more you become an active partner in helping us create and deliver the most effective treatment possible. Please don't hesitate to ask a member of your clinical care team if you have questions or concerns about your treatment.

ADAPTIVE RADIATION THERAPY



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WHAT IS ADAPTIVE RADIATION THERAPY?

In adaptive radiation therapy, we create a personalized treatment plan every day you receive treatment. This treatment technique allows us to adapt to any changes in your anatomy through the course of therapy, or even from one day to the next. This process is the latest advancement in our ability to personalize radiation treatment. Adaptive therapy can improve the effectiveness of the treatment and reduce potential side effects.

WHAT IS THE BENEFIT OF ADAPTIVE RADIATION THERAPY?

During radiation therapy, we protect healthy cells from radiation primarily by avoiding them during treatment. We also protect healthy cells by dividing the treatment into a number of smaller doses called fractions, which we deliver each day over the course of treatment. Patients begin radiation therapy with a process called simulation, where a comfortable immobilization device is created, followed by a CT scan. Treatment is not given during the simulation.

Adaptive radiation therapy allows your care team to design a new plan based precisely on how your anatomy looks on each treatment day. Traditionally, the development of a new plan each day was not possible due to the time and complexity involved. However, with the help of artificial intelligence and the presence of the entire team at the treatment delivery unit, adaptive radiation therapy can now be accomplished in approximately 20-30 minutes.

We will take a CT scan before each of your treatments, and the team will develop your new plan while you wait comfortably on the treatment couch. For patients whose anatomy changes

shape substantially from day to day, adaptive radiation therapy represents the most accurate and precise treatment we can provide.

WHAT IF I'M NOT CHOSEN TO RECEIVE ADAPTIVE RADIATION THERAPY?

Adaptive radiation therapy isn't the right treatment for everyone. If we think adaptive radiation therapy may be beneficial to you, we'll review your case individually to decide whether it is best. If you don't receive adaptive radiation therapy, you will still receive a personalized radiation therapy treatment plan and we may still take a CT scan every day prior to treatment so we can accurately target your disease. You can rest assured that you are receiving the most accurate, highest quality treatment we can provide.