

Navigating the Future with SGRT: A Patient's Guide

Understanding SGRT

Surface Guided Radiation Therapy (SGRT) is a cutting-edge approach in radiation therapy that enhances the precision and safety of cancer treatments. By using sophisticated cameras and software, SGRT monitors a patient's surface in real-time during radiation therapy, ensuring the radiation is accurately targeted at the tumor while sparing surrounding healthy tissues.

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Benefits of SGRT

- **Increased Precision:** By tracking the skin's surface, SGRT allows for highly precise radiation delivery, minimizing exposure to healthy tissues.
- **Enhanced Safety:** Real-time monitoring reduces the risk of radiation exposure to unintended areas, increasing the safety of treatments.
- **Improved Comfort:** SGRT often requires fewer and shorter sessions, reducing the overall time you spend in treatment and enhancing your comfort.
- **Non-Invasive:** This technology is entirely non-invasive, with no need for tattoos or marks on your body, preserving your skin integrity and appearance.

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What to Expect During Treatment

1. Consultation: Your journey begins with a consultation with your radiation oncologist, who will explain how SGRT works and what benefits it offers for your specific case.
2. Planning: Before starting treatment, you'll undergo a planning session where images are taken to design your treatment plan. This step ensures the radiation will be delivered precisely to where it is needed.
3. Treatment Sessions: During each session, you'll be positioned on the treatment table, and the SGRT system will monitor your position in real-time. You may hear the equipment moving and see lights from the cameras, but the process is painless.
4. Follow-Up: After completing your treatment course, follow-up appointments will monitor your progress and manage any side effects.

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FAQs

- Is SGRT safe?

Yes, SGRT is designed to enhance the safety and precision of radiation therapy, making treatments safer than ever.

- Will I feel anything during the treatment?

The treatment is painless. You might feel the table move or hear the equipment, but there should be no discomfort.

- How long does each session last?

Sessions usually last between 15 to 30 minutes, depending on your specific treatment plan.

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Conclusion

With SGRT, we are at the forefront of a new era in radiation therapy, where safety, precision, and patient comfort are paramount. If you have more questions or concerns, please don't hesitate to discuss them with your care team.