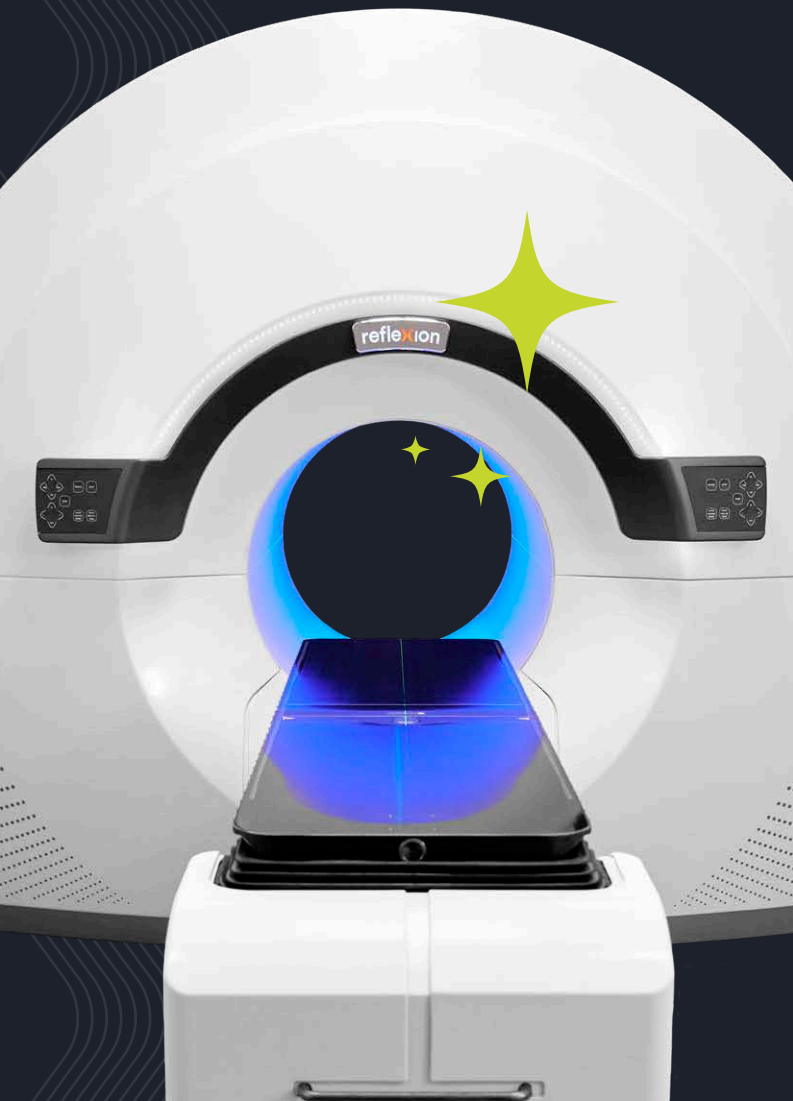


SCINTIX

BIOLOGY-GUIDED RADIOTHERAPY

A Breakthrough
in Cancer Treatment



A NEW PARADIGM IN RADIATION THERAPY

SCINTIX[®] therapy is a breakthrough form of radiation therapy that uses live signals from cancer to treat with high accuracy. This new treatment makes radiation an option for both early and late-stage cancer patients, and potentially reduces side effects.

SCINTIX THERAPY QUICK FACTS

- Uses live signals produced by your tumor to precisely direct radiation treatment.
- Cleared by the FDA to treat tumors in the lung or bone that may arise from primary or metastatic cancer.
- Designated as a Breakthrough Device for lung tumors for its ability to manage all types of tumor motion, both expected and unexpected.
- Delivers treatment typically in five or fewer visits.
- Non-surgical procedure allows you to resume normal activities immediately following treatment.



HOW SCINTIX THERAPY WORKS

SCINTIX therapy, from RefleXion, uses positron emission tomography (PET) technology in a new way. A small amount of the radiopharmaceutical, Fludeoxyglucose (^{18}F -FDG), is injected into your bloodstream. Cancer cells quickly consume the ^{18}F -FDG and produce a stream of signals that the RefleXion X1 uses to detect your cancer. Instead of using these signals to form a PET image to diagnose your cancer, SCINTIX therapy uses these live signals to deliver radiation during treatment.

SCINTIX THERAPY EXPANDS RADIATION TREATMENT

A key challenge in radiation treatment is how to maximize radiation dose to the tumor to better fight the cancer, while minimizing radiation to surrounding healthy tissue. This is challenging because tumors move due to normal bodily processes such as breathing and digestion. Current radiotherapy addresses this by irradiating a significant area of healthy tissue around each tumor to ensure that the tumor continues to receive radiation if it moves.

SCINTIX therapy can reduce the amount of healthy tissue irradiated by precisely delivering radiation to the tumor and adapting in real time to its movement. By sparing more healthy tissue, SCINTIX therapy may reduce the side effects of radiation.

OTHER RADIOTHERAPY

Irradiated Area



SCINTIX THERAPY

Irradiated Area



*For illustrative purposes only

WHAT TO EXPECT WITH SCINTIX THERAPY

PRE-TREATMENT

A week before your first SCINTIX treatment you will come to the radiation therapy department so your physician can determine whether your tumor produces sufficient signals to create a SCINTIX therapy plan. This information is needed to plan the radiation treatment for each tumor. Here is what to expect.



INJECTION

You will receive an injection of ^{18}F -FDG and wait for ~60 minutes while it accumulates in your cancer cells.



LIVE SIGNAL COLLECTION

The therapist will position you on the treatment machine to collect the live signal information. No radiation is delivered during this procedure.

ON THE DAY OF TREATMENT

Each time that you come in for SCINTIX therapy, here is what to expect.



INJECTION

You will receive an injection of ^{18}F -FDG and wait while it accumulates as in the pre-treatment procedure.



LIVE SIGNAL COLLECTION

The therapist will position you on the treatment machine to collect the live signal information. PET and CT scans will be taken to ensure nothing has changed that would require your physician to modify your SCINTIX treatment plan.



RADIATION TREATMENT

You're now ready for SCINTIX therapy. Treatment times vary based on your specific treatment needs.



LEARN MORE AT
[SCINTIXTHERAPY.COM](https://www.scintixtherapy.com)



reflexion

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