

A radiation therapy for symptom control cancer clinical trial

Comparing standard of care radiation therapy for painful bone cancer to new targeted radiation therapy

SC.29 | NCT06391242

What is the purpose of this study?

This study is being done to answer the following question: For bone cancer, is Stereotactic Body Radiation Therapy (SBRT) better for pain relief than the standard conventional radiation therapy (CRT)?

SBRT is high dose radiation therapy that targets painful areas of cancer, while keeping the radiation away from the healthy tissue around the cancer. CRT is radiation therapy that is directed at the painful area but can negatively affect unaffected areas.

Why is this study important?

We are doing this study because we want to find out if this new approach (SBRT) is better or worse than the usual approach for your bone metastases. The usual approach is defined as care most people get for bone metastases.

Who can participate in this study?

This trial is for:

- Adults 18 years of age or older
- Individuals with any solid tumour that has spread to their bones
- Individuals whose bone pain has been stable
- Individuals whose usual care involves radiotherapy to decrease their bone pain

This trial is not for:

- Individuals whose cancer has spread to the bones in their hands, feet, cranium and spine
- Individuals who have already had radiotherapy to treat their bone pain
- Individuals who have received chemotherapy within a week of beginning this trial or who are planning to receive chemotherapy

What are the risks?

If you choose to take part in this study, there is a risk that the SBRT treatment may not be as good at reducing pain as the usual radiotherapy approach.

There is also a risk that you could have side effects from SBRT. These side effects may be worse and may be different than you would get with the usual approach. Some of these include soreness, pain flare ups, skin redness, damage to nerves or muscle weakness.

You will find details of all side effects in the consent document.

How can I find out more or join the study?

Talk to your cancer doctor if you are considering joining this study. You can share summaries like this with them and ask if they think joining the trial may be a good option for you.

Before you join this study, you will be asked to review an *Informed Consent* document. Discussion with your doctor and the informed consent document will tell you more about why the research is being done and your role as a participant. Please ask the doctor if anything is not clear or if you have questions.

Joining this study is entirely up to you and you can decide to leave at any time without giving a reason. Your decision to join or leave the trial will not affect your standard medical care.

The SC.29 study is currently enrolling patients at cancer centres in Canada. For a full list of participating centres please visit www.clinicaltrials.gov and search using NCT06391242.

What can I expect?

If you choose to take part in this study, you will be randomly placed in one of two groups and you will receive either the new approach (SBRT) or the radiation treatment (CRT) that is currently the usual approach to treat bone pain.

In this study, you will also be asked to complete a few questionnaires at different times, to understand your Quality of Life.