

Phase II Multi-Institutional Study of Low-Dose (2Gy x 2) Palliative Radiotherapy in the Treatment of Symptomatic Bone metastases from Multiple Myeloma

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

This study is NOT accepting healthy volunteers

Inclusion Criteria:

- diagnosis of multiple myeloma - painful bone metastasis that has been confirmed by a xray - may have had any number of prior chemotherapy/immunotherapy regimens - at least able to walk and do all selfcare but may be unable to carry out any work activities; up and about more than 50% of waking hours - see link to clinicaltrials.gov for additional requirements

Exclusion Criteria:

- received prior radiation therapy or prior palliative surgery to the bone lesion that is causing pain - pathologic fracture or impending fracture at the area of the bone lesion causing pain - women who are pregnant - additional criteria apply (study staff will review)

Conditions & Interventions

Conditions:

Cancer

Keywords:

Bone Pain, Metastatic Malignant Neoplasm in the Bone, Multiple Myeloma, Plasma Cell Myeloma

More Information

Description: There is no consensus on the radiation dose required to relieve the pain from bone lesions from multiple myeloma. Usually, patients receive between 10 and 12 radiation treatments to achieve pain relief. But a shorter course of radiotherapy may be more effective. This study will evaluate whether pain relief can be achieved using only 1 or 2 radiation treatments, which will be delivered to a painful bone lesion. Your study doctor will decide whether you receive 1 or 2 treatments. The total amount of radiation you will receive will be the same whether it is done in one or two treatment sessions.

Study Contact: Stephanie Terezakis - sterezak@umn.edu

Principal Investigator: Stephanie Terezakis

Phase: N/A

IRB

Number: STUDY00010991

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