

Risk Adapted Spinal Cord/Cauda Constraint Relaxation for High-risk Patients With Metastatic Epidural Spinal Cord Compression Undergoing Spine Stereotactic Radiosurgery

NCT06204315

Status	RECRUITING
Phase	Phase 2
Sponsor	M.D. Anderson Cancer Center
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (11)

- Greater than or equal to 18 years old
 - Radiographically documented spinal metastasis on spine MRI within 4 weeks of registration
 - Proximity of spinal metastasis to spinal cord or cauda equina which precludes achieving a GTV Dmin of at least 14 Gy per the PI
 - All participants must be able to receive single fraction SSRS at the site of interest with 0.01 cc of the spinal cord receiving 14-16 Gy and/or 0.01 cc of the cauda equina receiving 18-20 Gy. The goal of treatment is to select the minimal dose to the organ at risk which will achieve a GTV Dmin of 14 Gy at the treating physician's discretion.
 - Maximum of 3 contiguous vertebral levels involved with metastasis in the spine to be irradiated in a single session
- ... and 6 more (see full listing online)

Exclusion (8)

- Participants with ultra-radiosensitive histologies (lymphoma, multiple myeloma/plasmacytoma)
 - Prior history of radiation at the spinal site of interest
 - Inability to lie supine comfortably for e 60 minutes
 - Progressive neurological deficits due to compression
 - Inability of obtain an MRI
- ... and 3 more (see full listing online)

Locations (1 total)

MD Anderson Cancer Center, Houston, Texas, United States