

# Stereotactic Body Radiation Therapy: SBRT

## Lung Cancer Metastases



NRAD is pleased to offer Stereotactic Body Radiation Therapy (SBRT) for the treatment of lung cancer metastases. SBRT is a specialized type of image guided external beam radiation which is able to target small, well defined tumors with extreme accuracy. The radiation is delivered in 3-5 treatments over 1-2 weeks.

#### PATIENT ELIGIBILITY:

- Karnofsky score  $\geq 70$
- 1-3 metastases with the sum of their diameters  $\leq 5$ cm
- Limited systemic disease with lung disease felt to be life limiting or symptomatic
- Non-lymphomatous histology
- 2 weeks from chemotherapy

#### TREATMENT:

- Steroid premedication: Decadron 4 mg, 60 minutes prior to treatment
- Number of treatments depend on tumor size and location
- 2-3 treatments per week

#### RESULTS:

Studies have shown survival rates following the surgical resection of lung metastases to be 36% at 5 years and 26% at 10 years. Local control rates using SBRT are in the range of 85-95%. In fact, a study out of Kyoto, Japan showed a 2 year survival rate of 84% in patients with 1-2 pulmonary metastases and a controlled primary.

**If you have a patient who may be a candidate for SBRT,  
please call Dr. David Ebling at 516.222.2020  
or Dr. Jed Pollack at 516.394.8100**

David W. Ebling, M.D.



Jed M. Pollack, M.D.

**516-222-2020**

*It's your body...It's your life.*

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