

Standard 4.6 – Monitoring Compliance with Evidence Based Guidelines

Radiation Department: National Quality Forum 1822: External Beam Radiotherapy (EBRT) for Bone Metastasis

Performance Measure	Method	Indicator	Jan	Feb	Mar	Apr	May	Jun	Jul
<p>1. Numerator: All patients regardless of age, with a diagnosis of painful bone metastasis, and no previous radiation to the same anatomic site who receive EBRT with the following recommended fractionation schemes: 30Gy/10fxns, 24Gy/6fxns, 20Gy/5fxns, or 8Gy/1fxn</p> <p>2. Denominator: All pts with bone metastasis and no previous radiation to the same anatomic site who receive EBRT</p> <p>3. If the dose was not one of the recommended doses above was the medical reason documented</p>	Quarterly Medical Record Review	<u>Numerator: #</u>	x	x	6 (86%)	x	x	11 100%	x
					7			11	
					Yes 100%			N/A	

Patient #7 in March has an isolated area of metastatic breast cancer in the right humerus status post open reduction internal fixation. This is one time when I do recommend lighter doses of palliative irradiation in a patient with a slow growing estrogen receptor positive breast cancer with an isolated solitary bone metastasis. This patient is likely to live many years and by going to a slightly higher dose to the right humerus at this time we limit the likelihood that we would have to retreat the patients dominant right arm in the future.

Completed by: Dr. Jonathan Briggs

Presented to Quarterly Oncology Meeting
July 26, 2016