

## Myeloma Radiotherapy Decision Tree MALTHUS

<b>Myeloma</b>	Develop symptomatic bone disease (25% cases)	Range of treatments between single 5 and 10 fractions. Modelled as 3 fractions [1]*.
	No indication for radiotherapy (75% cases)	No radiotherapy.

### Reference

1. Williams MV, Drinkwater KJ. Radiotherapy in England in 2007: modelled demand and audited activity. Clin Oncol (R Coll Radiol). 2009 Oct;21(8):575-90. Epub 2009 Aug 3.

\*While it is clear that there are good indications for radiotherapy in this condition, there are no defining clinical trials and the use of radiotherapy and the fractionation involved will be decided on the basis of clinical judgement. We have therefore modelled current practice in the UK as determined in the most recent RCR audit.

In the case of myeloma, the introduction of a large range of alternative systemic treatments has reduced the requirement for radiotherapy, as has the use of bisphosphonates.