

Leukaemia Radiotherapy Decision Tree MALTHUS

Leukaemia	Indication for radiotherapy including; prophylactic cranial radiotherapy, total body irradiation (TBI) and palliative treatment for symptomatic lesions (5% cases).	Palliative treatments are often given as a single fraction. TBI uses 6 to 8 fractions and cranial irradiation 12 fractions. This mix has been modelled as 5 fractions [1]*.
	No indication for radiotherapy (95% 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.