

CNS Tumours : Updated March 2013

High grade glioma & other high grade tumours 29%	Radical treatment 60Gy in 30# +/- chemotherapy [1,2, 3, 4, 5, 6] 40%	relapse	Surgery +/- Chemotherapy
	Palliative RT 60%		Retreatment based on EORTC protocol 45Gy 30#
			30Gy 6# [7] 40Gy 1# No RT if poor PS
Low grade glioma and other low grade lesions 8%	Observation	Relapse 70%	RT 54Gy 30#
	RT 54Gy 30# [8]	Relapse	Surgery +/- chemotherapy
Meningioma 58%	Observation - never need definitive treatment 20%		
	Grade 1 Simpson 4 resection or recurrent tumour 50Gy/30# [9] 10%	Relapse	Surgery
	Grade 1 Simpson 2 or 3 resection no RT. No clear evidence for survival benefit with RT 60%	Relapse	Surgery or RT 50Gy/30#
	Grade 2 55Gy/30# [10] (median dose was 54Gy in study) 7%	Relapse	Surgery
	Grade 3 60Gy/30# 3%	Relapse	Surgery
Vestibular Schwannoma 5%	Surgery 15%	Relapse	RT 50Gy 30#
	Radiosurgery 1f [11] 35%	Relapse	Surgery
	Fractionated RT 50Gy 30# [12, 13] 50% (Median fractionation in studies was 50.5 in 28 and 50 in 25)	Relapse	Surgery

Other disease entities have low incidence and would be included in OTHER algorithm
Initial incidence data taken from SEER-17 dataset

Clinical estimates are in Red

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