

**Table 1. Study characteristics.**

Study no.	Reference	Year	No. of patients	No. of patients excluded (%)	Age	Sex ratio (F:M)	No. of patients with tumors	No. of patients with gliomas	No. of high grade gliomas
1*	Floeth et al.	2006	14	3 (21)	54±12	0:11	4 (29)	4 (29)	4 (29)
2*	Pauleit et al.	2009	52	0 (0)	46±14	16:36	45 (87)	43 (83)	21 (40)
3*	Lau et al.	2010	21	7 (33)	42±16	5:13	12 (57)	10 (48)	3 (14)
4	Plotkin et al.	2010	15	0 (0)	44±11	9:6	15 (100)	15 (100)	6 (40)
5*	Pichler et al.	2010	88	65 (74)	—	—	14 (16)	10 (11)	5 (6)
Meta-analysis sub total			175	75 (43)	46±14	21:60	75 (43)	67 (38)	33 (19)
Overall total			190	75 (39)	46±14	30:66	90 (47)	82 (43)	39 (21)

\* Studies included in the meta-analysis