

Case Report	Sex	Age (years)	Complemen- tation Group	Histology and location of cancer	Irradiated site	RT dose fractionation regimen	Sequence of RT	Associated systemic treatment	Acute toxicity	Chronic toxicity	Tumor Response	Re-irradiation	Toxicity	Outcome
Giannelli et al. 1981 [15]	M	9	C	Medulloblastoma (posterior fossa)	Cerebro-spinal axis	Head : 53Gy Spine : 27.6Gy	Adjuvant RT	No	Dermatitis Grade ≤2	NR	NR	No	No	Alive and neurological well 2.5 years after RT
Kim et al. 1982 [16]	F	27	NR	SCC (left maxillary sinus)	Maxillary sinus	67.2Gy/30 fx	Exclusive RT	No	Dermatitis Grade ≤2	NR	Partial Response	No	No	Died 9 months after RT of unknown cause
	F	21	NR	BCC (lower lip)	Lower lip	26.8Gy/11 fx	Adjuvant RT	No	Dermatitis Grade ≥ 3	NR	Complete Response	No	No	Alive and well 13 months after RT
Osguthorpe et al. 1987 [17]	M	3	NR	SCC (nasal alar)	Nasal Alar and cheek	20Gy / 2.5Gy/fx per d	Exclusive RT	No	Dermatitis Grade ≥ 3	Right heminasal and cheek defect	No tumor response	No	No	Died of local spread of SCC cheek at 13 yo
	M	21	NR	SCC (cheek)	Cheek and maxillary sinus	50Gy	Pre-operative RT	No	Adjacent tissues toxicity Grade ≤2	No	50% regression in tumor size	No	No	Died of local spread and neck metastases at 21yo
Patton et al. 1991 [18]	F	20	C	SCC and BCC (left face and eye)	left face and eye	42Gy	Pre-operative RT	No	NR	Xerostomia	NS	No	No	Alive more than 25 years after RT
Leake et al. 1992 [7]	F	14	C	Angiosarcoma (scalp)	Scalp	38Gy / 19fx 2Gy/fx per d	Adjuvant RT	No	Dermatitis Grade ≥ 3 Osteonecrosis of the skull	Dermatitis Grade ≥ 3 Osteonecrosis of the skull Cerebral edema	NR	No	No	Died of cerebral edema 2years after RT
Leal-Khouri et al. 1994 [19]	M	14	C	BCC (forehead, cheeks and nose)	Forehead, cheeks and nose	80Gy	Exclusive RT	No	NR	NR	Tumor Progression	No	No	Alive more than 5 years after RT
Yamashiro et al. 1994 [20]	M	46	NR	Malignant schwannoma (left cavernous area)	Left cavernous area	50Gy	Adjuvant RT	No	NR	NR	Partial Response	After 6 months Adjuvant RT on the left posterior fossa (50Gy)  After 2 years, Adjuvant RT on the left facial region (45Gy)	NR	Alive and well 6 years after the first RT
DiGiovanna et al. 1998 [10]	M	21	C	Grade II Astrocytoma	Spinal cord	50.4Gy / 28 fx 1.8Gy/fx per d	Exclusive RT	Isotretinoin oral	Dermatitis Grade ≤2	No	Complete Response	No	No	Alive more than 9 years after RT
Giglia et al. 1999 [9]	M	7	C	Anaplastic astrocytoma (Thalamus)	Brain	54Gy	Adjuvant RT	Chemotherapy pre-RT	NR	No	Complete Response	No	No	Died of multifocal tumor progression
Chidzonda et al. 2009 [21]	F	16	NR	SCC (forehead)	Forehead	NR	Adjuvant RT	No	NR	NR	Complete Response	After 1 year Adjuvant RT on the forehead (40Gy/10fx)	NR	Died 1 year after RT of unknown cause
Rubio Casadevall et al. 2009 [22]	M	37	NR	SCC (metastatic neck node)	Hemi neck	50Gy	Exclusive RT	Induction and adjuvant chemotherapy	Dermatitis Grade ≤2	No	50% regression in tumor size	No	No	Died of local spread 2 years after RT
Wei et al. 2013 [12]	M	12	NR	SCC (face and scalp)	Right hemiface and neck	59.4Gy/33fx 1.8Gy/fx per d	Adjuvant RT	No	NR	NR	Complete Response	After 5 years Adjuvant RT on the right hemi neck + left submandibular area(54Gy/30fx)	Mucositis grade 3  Dermatitis grade 1	Alive with no sequelae and no recurrence 18 month after the 2 <sup>nd</sup> RT
Schaffer et al. 2011 [13]	M	13	C	SCC (left cheek)	Left cheek	67Gy/38fx	Adjuvant RT	Isotretinoin oral	No toxicity	No toxicity	Tumor progression	After 2 years Adjuvant RT on the left cheek (54Gy/30fx)	No toxicity	Alive and well at 20yo
	M	14	NR	SCC (right temple)	Right temple	59Gy/33fx	Adjuvant RT	No	Dermatitis Grade ≤2	No	Complete Response	No	No	Alive and well at 17yo
Sahai et al. 2013 [11]	M	10	NR	BCC (face and scalp)	Face and scalp	48Gy / 16 fx (3Gy / fx) 36Gy / 12fx (3Gy / fx) 20Gy / 5 fx (4Gy / fx)	Exclusive RT	No	Dermatitis Grade 1	No	Complete Response	No	No	NR