

Supplementary Table 1: Patients' characteristics

No.				Age / sex	Pathology	Location/Origin of Lesion	Therapy	Diagnosis based on histology
P1				53M	L	Orbit	RT	Y (Bx)
P2				58M	L	Orbit	RCT	Y (Bx)
P3				85M	L	Parotid gland	OP	Y (Bx)
P4				39M	L	Mandible	CT	Y (Bx)
P5				85F	L	Tonsil	CT	Y (Bx)
P6				88M	L	Mandible	CT	Y (Bx)
P7				82M	L	Lymph nodes (Levels II – V)	CT	Y (Bx)
P8				88M	L	Parotid gland	RCT	Y (Bx)
P9				26M	L	Lymph nodes (Level II)	CT	Y (Bx)
P10				59M	L	Lymph nodes (Levels II - IV)	RCT	Y (Bx)
P11				87M	L	Tonsil	RT	Y (Bx)
P12				93M	L	Lymph nodes (Levels II - V)	RT	Y (Bx)
P13				47M	M	Parapharyngeal space	OP, RT	Y (OP)
P14				71M	M	Oropharynx	OP, RCT	Y (OP)
P15				62M	M	Vallecula	CT	Y (Bx)
P16				81M	M	Larynx	OP, RT	Y (OP)
P17				60M	M	Larynx	PA	Y (Bx)
P18				47M	M	Oral cavity	PA	Y (Bx)
P19				39M	M	Oropharynx	OP	Y (OP)
P20				50M	M	Parapharyngeal	CT	Y (Bx)
P21				82F	M	Parotid gland	RT	Y (Bx)
P22				64M	M	Maxillary sinus	OP	Y (OP)
P23				52F	M	Infratemporal	FU	Y (Bx)
P24				55M	M	Mandible	OP	Y (OP)
P25				70F	C	Oropharynx	OP	Y (OP)
P26				67M	C	Nasopharynx	RCT	Y (Bx)
P27				51F	C	Oropharynx	RCT	Y (Bx)
P28				78F	C	Parotid gland	RT	Y (Bx)
P29				44M	C	Parotid gland	OP	Y (OP)
P30				58M	C	Hypopharynx	RT	Y (Bx)
P31				58M	C	Oropharynx	OP	Y (OP)
P32				71M	C	Oropharynx	OP	Y (OP)
P33				64F	C	Oropharynx	RCT	Y (Bx)
P34				68M	C	Supraglottic	RCT	Y (Bx)
P35				69F	C	Masticator space	OP, RCT	Y (OP)
P36				73M	C	Nasopharynx	RCT	Y (Bx)
P37				69F	C	Nasopharynx	RCT	Y (Bx)
P38				27M	C	Thyroid gland	OP, RT	Y (OP)
P39				39M	C	Nasopharynx	RCT	Y (Bx)
P40				67M	C	Oropharynx	CT	Y (Bx)
P41				67M	C	Hypopharynx	CT	Y (Bx)
P42				44F	BT (Hemangioma)	Tongue	EMB	Y (Bx)
P43				19M	BT (Odontogenic Myxoma)	Maxilla	OP	Y (OP)
P44				74M	BT (Hemangioma)	Orbit	OP	Y (OP)
P45				52M	BT (Lipoma)	Cervical	FU	Y (OP)
P46				56F	BT (Schwannoma)	Pterygoid fossa	FU	Y (Bx)
P47				16M	BT (Cystic lymphangioma)	Cervical	FU	Y (OP)
P48				77M	BT (PA)	Parapharyngeal	FU	Y (Bx)
P49				49F	BT (PA)	Submandibular gland	FU	Y (Bx)
P50				44F	BT (LC)	Parotid gland	OP	Y (OP)
P51				67F	BT (PA)	Parotid gland	FU	Y (Bx)
P52				46M	BT (PA)	Parotid gland	OP	Y (Bx)
P53				46M	BT (PA)	Parotid gland	OP	Y (Bx)
P54				57M	BT (Warthin tumor)	Parotid gland	OP	Y (Bx)
P55				38M	BT (Lipoma)	Parotid gland	OP	Y (Bx)
P56				58F	BT (Glomus tumor)	Glomus jugulare	FU	N
P57				53F	BT (Hemangioma)	Submandibular gland	FU	N

P58				76M	BT (PA)	Parotid gland	OP	Y (Bx)
P59				64M	BT (Warthin tumor)	Parotid gland	OP	Y (Bx)
P60				36F	BT (PA)	Parotid gland	OP	Y (Bx)
P61				47F	BT (PA)	Parotid gland	OP	Y (Bx)
P62				95M	BT (PA)	Parapharyngeal	FU	Y (OP)
P63				25F	BT (PA)	Parotid gland	OP	Y (OP)
P64				73F	BT (PA)	Parotid gland	FU	N
P65				72F	BT (Meningeoma)	Base of skull	FU	N
P66				47M	BM (Rosai-Dorfman-disease)	Supraorbital	FU	N
P67				42M	BM (Sarcoidosis)	Sinonasal	FU	N
P68				51M	BM (Wegeners disease)	Intraorbital	Steroids	N
P69				24F	I (Myositis)	Temporal muscle	FU	Y (Bx)
P70				62F	I (Inflammatory pseudotumor)	Pterygoid fossa	Steroids	N
P71				42F	I (Focal parotitis)	Parotid gland	FU	N
P72				73M	I (Diffuse inflammation)	Infraorbital	FU	N

- P patient, M male, F female

- L lymphoma, M metastasis, C carcinoma, BT benign tumor, BM benign miscellaneous lesion, I inflammation, PA pleomorphic adenoma, LC lymphoepithelial cyst

- RT radiotherapy, RCT radiochemotherapy, OP operation, EMB embolization, FU imaging follow-up, Bx biopsy

- Y yes, N no