

Supplementary Table 1. A review of similar cases in the published literature

Study	Age	Sex	Stage	Treatment	Outcome	Histology	Author, year
1	66	M	T3N0M0	Partial maxillectomy+ CT+RT	Local recurrence, died after 10 mo	Spindle cell component+ squamous cell papilloma+ squamous cell carcinoma	Ando, et al., 2015 ¹⁾
2	66	M	T3N0M0	Partial maxillectomy+ RT	Local recurrence, died after 1 y	Spindle cell component+ epithelial component	Sbetty, et al., 2015 ²⁾
3 (4 cases)	78	F	T4N0M0	Surgery+RT	Disease free after 3 y	Unavailable	Iqbal, et al., 2015 ³⁾
	75	F	T4bN0M0	Surgery+CT	Died after 9 mo	Unavailable	
	66	M	T4NXM1	Surgery+palliative CT	Died after 12 mo	Unavailable	
	46	M	T4N0M0	Palliative RT	Died after 5 mo	Unavailable	
4	54	M	T4NXMX				Liu, et al., 2016 ⁴⁾
5	46	M	T4bN1M1				Khalifi, et al., 2017 ⁵⁾
6	34	F	T4bN0M0	Partial maxillectomy+ CT+RT	Free of disease, unclear length of time	Spindle cell component+ epithelial component	Junaid, et al., 2017 ⁶⁾
7	55	M	T4aN0M0	RT	No significant effect, died after 4 mo	Spindle+round cell component+ epithelial component	Hasnaoui, et al., 2017 ⁷⁾
8	35	F	T4N0M0	Partial maxillectomy+ CT+RT	Died after 12 mo	Spindle cell component+ epithelial component	Soltani, et al., 2018 ⁸⁾
9	75	M	T4aN0M0	RT	Remained independent at 12 mo	Spindle cell component+ epithelial component	Yuen, et al., 2018 ⁹⁾
10	54	F	T4bN0M0	Partial maxillectomy+ RT	Recurrence, died after several mo	Spindle cell component+ neuroendocrine differentiation+ epithelial component	De Souza Cruz, et al., 2020 ¹⁰⁾
11	61	F	T4aN0M0	Total maxillectomy+ CT+RT	Disease free at 12 mo after surgery	Cartilaginous+ rhabdo-myoblastic+ epithelial components	Bartram, et al., 2022 ¹¹⁾
12	55	M	T4aN0M0	Total maxillectomy+ CT+RT	Local recurrence	Osteosarcoma+ keratinizing SCC	Our case, 2022

RT, radiotherapy

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