



Title	Salivary Duct Carcinoma of the Parotid Gland Originating from an Epithelial-Myoepithelial Carcinoma: Report of a Rare Case
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Table 1 Results of immunohistochemistry of each component of the tumor

	AR	GCDF P-15	HER2	AE1/ AE3	EMA	p63	p40	SMA	S-100	GFAP	DOG1	WT1	Ki-67
SDC	Pos	fPos	Pos	Pos	Pos	Neg	Neg	Neg	Neg	Neg	Neg	Neg	30%
EMC	Inner cells	Neg	Neg	Neg	Pos	Pos	Neg	Neg	Neg	Neg	Neg	Neg	10%
	Outer cells	Neg	Neg	Neg	wPos	Neg	Pos	fPos	fPos	fPos	fPos	fPos	Pos

fPos, focally positive; Neg, negative; Pos, positive; wPos, weakly positive.

Table 2 List of hybrid tumors of the parotid gland in the literature

No.	Reference	Age (y)	Sex	Size (cm)	Histology	Therapy	Follow-up
1	Seifert et al. [2]	53	M	6	SDC/ACC	TP	-
2	Ballestin et al. [11]	67	F	5.5	ACC/MEC	TP	NED at 1 y 6 mo
3	Croitoru et al. [3]	53	M	6	AdCC/MEC	SR/RT	NED
4		71	M	2.9	EMC/AdCC	SR/RT	NED
5		28	M	2.5	SDC/EMC	SR/RT	AWD
6	Chetty et al. [12]	58	M	2.5	EMC/MEC	PP	-
7	Zardawi et al. [4]	78	F	4.5	SDC/AdCC/ACC/PLGA	TP	-
8	Nagao et al. [5]	74	F	10	EMC/BCAC	TP/RT	NED at 10 mo
9		56	M	2	EMC/BCAC	SP/RND/RT	NED at 2 y 7 mo
10		73	F	2	EMC/SCC	SP	NED at 4 y
11		40	M	3	SDC/AdCC	SP/RT	NED at 15 y
12		65	M	5	SDC/MC	TP/RND/RT	AWD at 4 mo
13		42	M	4	SDC/ACC	SP	-
14		66	M	3.5	SDC/SCC	TP/RND/RT	AWD at 1 y 8 mo
15	Piana et al. [13]	-	F	4	LEC/EMC	TP/RND/RT	NED at 6 mo
16	Murphy et al. [14]	68	F	4	AdCC/BCAC	TP	DOC at 5 mo
17	Kainuma et al. [6]	74	M	4.5	SDC/EMC	SP	NED at 1 y 4 mo
18	Atay et al. [15]	71	M	3	SDC/MC	-	-
19	Sabri et al. [16]	51	M	14.5	EMC/AdCC/BCAC	TP/RND/RT	-
20	Our case	71	M	5.5	SDC/EMC	TP/RND/RT/CT	DOTP at 1 y 7 mo

M, male; F, female; TP, total parotidectomy; SR, surgical resection; RT, radiotherapy; PP, partial parotidectomy; RND, radical neck dissection; SP, superficial parotidectomy; NED, no evidence of disease; AWD, alive with disease; DOC, died of other causes; DOTP, died of the tumor progression; SDC, salivary duct carcinoma; EMC, epithelial myoepithelial carcinoma; AdCC, adenoid cystic carcinoma; ACC, acinic cell carcinoma; BCAC, basal cell adenocarcinoma; MEC, mucoepidermoid carcinoma; SCC, squamous cell carcinoma; MC, myoepithelial carcinoma; PLGA, polymorphous low-grade adenocarcinoma; LEC, lymphoepithelial carcinoma.