

**S1 Table. Clinicopathological, immunohistochemical, and fluorescence in situ hybridization detailed data of 26 patients with pulmonary mucoepidermoid carcinoma**

No.	Age, yr / gender	Location	Symptoms	Surgery	Histological grade	IHC findings								MAML2 arrangement	Follow-up time, mo	RT/ CHT	Recurrence or metastasis (sites)	Death	
						TTF-1	CK7	Muc5Ac	p63	p40	EGFR	ALK	HER-2						Ki-67
1	61/ Female	Lower right lobe	Cough, hemoptysis, dyspnea	Yes	High-grade	-	+	+	+	+	+	-	-	15	No	34	No	Yes (bone, adrenal gland, and lymph node)	Yes
2	46/ Female	Left main bronchus	Dyspnea	Yes	High-grade	-	+	+	+	+	+	-	-	7	No	55	No	No	No
3	34/ Male	Trachea	Cough, hemoptysis	Yes, focal resection	Low-grade	-	+	+	+	+	-	-	-	5	Yes	76	RT	No	No
4	51/ Female	Trachea	Dyspnea	Yes	Low-grade	-	+	+	+	+	+	-	-	3	No	36	No	No	No
5	79/ Male	Lower left segmental bronchus	Cough, hemoptysis	Yes	High-grade	-	+	+	+	+	+	-	-	25	No	33	No	Yes (brain)	Yes
6	45/ Female	Middle right segmental bronchus	Cough, fever	Yes	Low-grade	-	+	+	+	+	-	-	-	2	Yes	93	RT	No	No

7	39/ Female	Lower left segmental bronchus	Cough	Yes	Low-grade	-	+	+	+	+	-	-	-	5	Unknown	153	No	No	No
8	58/ Male	Upper right lobe	Chest pain	Yes	High-grade	-	+	+	+	+	-	-	-	80	No	0	Unkno wn	Unknown	Unkno wn
9	40/ Male	Middle right segmental bronchus	Hemoptysi s	Yes	Low-grade	-	+	+	+	+	-	-	-	5	Yes	35	CHT	No	No
10	17/ Female	Trachea	Hemoptysi s, dyspnea	Yes	Low-grade	-	+	+	+	+	+	-	-	5	Unknown	21	No	No	No
11	42/ Male	Upper right segmental bronchus	Cough, hemoptysis , dyspnea	Yes	Low-grade	-	+	+	+	+	-	-	-	5	Unknown	8	No	No	No
12	32/ Female	Lower left lobe	Cough, hemoptysis	Yes	Low-grade	-	+	+	+	+	-	-	-	2	Yes	22	No	No	No
13	50/ Female	Upper left segmental bronchus	Cough, hoarseness	No, only biopsy	High -grade	-	+	+	+	+	+	-	-	12	Unknown	30	CHT	Yes (bone)	Yes
14	27/ Male	Upper right lobe bronchus	Asymptom	Yes	Low-grade	-	+	+	+	+	-	-	-	4	Unknown	31	No	No	No
15	54/ Female	Lower right lobe	Asymptom	Yes	Low-grade	-	+	+	+	+	-	-	-	2	Unknown	123	RT/ CHT	No	No

		bronchus																	
16	58/ Male	Lower left lobe bronchus	Cough, hemoptysis , dyspnea, chest pain	Yes	Low-grade	-	+	+	+	+	-	-	-	3	Yes	33	CHT	No	No
17	41/ Male	Lower left segmental bronchus	Cough	Yes	Low-grade	-	+	+	+	+	-	-	-	2	No	170	CHT	No	No
18	12/ Female	Upper left lobe bronchus	Cough	Yes	Low-grade	-	+	+	+	+	-	-	-	7	Yes	0	Unkno wn	Unknown	Unkno wn
19	67/ Male	Lower left lobe bronchus	Asymptom	No, only biopsy	High -grade	-	+	+	+	+	+	-	-	15	Unknown	7	No	No	Yes
20	28/ Male	Middle right segmental bronchus	Hemoptysi s	Yes	High -grade	-	+	+	+	+	-	-	-	10	Yes	21	No	No	No
21	68/ Female	Trachea	Hemoptysi s	Yes	Low-grade	-	+	+	+	+	-	-	-	5	Yes	27	RT	No	No
22	40/ Female	Lower right lobe bronchus	Cough	Yes	Low-grade	-	+	+	+	+	-	-	-	2	Yes	0	Unkno wn	Unknown	Unkno wn
23	67/ Male	Lower right lobe	Cough	Yes	High -grade	-	+	+	+	+	+	-	-	15	Yes	30	No	No	No

24	72/ Male	Lower left lobe bronchus	Asymptom	No, only biopsy	Low-grade	-	+	+	+	+	+	-	-	5	Unkown	31	No	Uncertain	No (survival with tumor)
25	40/ Male	Right main bronchus	Cough, hemoptysis	Yes	Low-grade	-	+	+	+	+	+	-	-	5	Yes	9	RT/ CHT	No	No
26	40/ Female	Lower left lobe bronchus	Cough, dyspnea	Yes	Low-grade	-	+	+	+	+	+	-	-	7	Yes	9	No	No	No

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RT, radiotherapy  
CHT, chemotherapy