

Table S1. Failure pattern of patients

No	Modality	Pathology	Age (yr)/sex	Stage	Actual treated dose (Gy/fx)	EQD2	Response	Failure pattern
1	CCRT	Presenting focal sarcomatoid feature	76/M	3	42/21	42	SD	
2	RT	Presenting focal sarcomatoid feature	78/F	3	50/25	50	PD	RR & DM
3	CCRT	Presenting focal sarcomatoid feature	25/M	2	50/25	50	PD	DM
4	CCRT	Pure pulmonary sarcomatoid carcinoma	61/M	4	54/27	54	PD	RR & DM
5	RT	Pure pulmonary sarcomatoid carcinoma	83/M	4	55/20	58.4	PD	DM
6	CCRT	Presenting focal sarcomatoid feature	72/M	3	60/30	60	PD	LR & RR
7	CCRT	Presenting focal sarcomatoid feature	65/M	3	60/30	60	PD	RR
8	RT	Presenting focal sarcomatoid feature	85/M	3	60/30	60	PD	RR & DM
9	CCRT	Presenting focal sarcomatoid feature	59/M	3	60/30	60	PD	DM
10	RT	Pure pulmonary sarcomatoid carcinoma	71/M	4	60/30	60	PD	DM
11	CCRT	Pure pulmonary sarcomatoid carcinoma	61/M	3	60/30	60	F/U loss	-
12	RT	Pure pulmonary sarcomatoid carcinoma	82/M	4	Oct-50	62.5	PR	-
13	RT	Presenting focal sarcomatoid feature	76/M	2	Oct-50	62.5	SD	-
14	CCRT	Presenting focal sarcomatoid feature	51/F	3	66/33	66	CR	-
15	CCRT	Pure pulmonary sarcomatoid carcinoma	71/M	3	66/33	66	CR	-
16	CCRT	Pure pulmonary sarcomatoid carcinoma	52/F	3	66/33	66	PD	RR & DM
17	CCRT	Pure pulmonary sarcomatoid carcinoma	54/M	3	66/33	66	PD	RR & DM
18	RT	Pure pulmonary sarcomatoid carcinoma	69/M	3	66/33	66	F/U loss	-
19	RT	Pure pulmonary sarcomatoid carcinoma	72/M	2	Apr-48	88	CR	-
20	CCRT	Pure pulmonary sarcomatoid carcinoma	79/M	3	Apr-60	125	PR	-
21	RT	Presenting focal sarcomatoid feature	89/M	1	Apr-60	125	PD	LR & DM

CCRT, concurrent chemoradiotherapy; CR, complete remission; DM, distant metastasis; EQD2, equivalent dose in 2-Gy fractions ($\alpha/\beta = 10$ Gy); F/U, follow-up; PD, progressive disease; PR, partial response; RR, regional recurrence; RT, radiotherapy; SD, stable disease.