

Tables for online supplement

**Table S1: Overall survival of 60 patients from Dataset 1 and differences in survival according to clinical, radiological and laboratory parameters.**

Variable	Median Survival (months)	95% CI		Log rank (p value)
		Lower limit	Upper limit CI	
Overall survival	11	6.62	15.37	
Presence of unexpandable lung				
Entrapped (n=6)	4	3.24	4.75	0.024
Not entrapped (n =54)	13	7.89	18.10	
Pleurodesis outcome				
Failure (n= 31)	5	2.57	7.42	0.007
Success (n = 29)	16	8.06	23.93	
Primary tumour				
High risk* (n= 17)	4	2.38	5.61	<0.001
Low risk (n = 41)	16	8.47	23.52	
Pleural fluid LDH				
Low LDH* (= 41)	3	0.06	5.94	0.001
High LDH (n = 4)	14	8.94	19.05	
Receiving systemic therapy				
Yes (n= 35)	15	7.89	22.1	0.003
No (n= 25)	4	2.36	5.63	

Key: \* as per LENT score

CI: confidence interval

**Table S2: Unadjusted odds ratio for poor survival using Cox proportional hazards model for dataset 1 patients**

Variable	Missing data	$\beta$ coef	S.E.	P	OR	95% CI	
Unexpandable lung	0	0.904	0.454	0.047	2.470	1.013	6.018
Pleurodesis failure	0	0.802	0.320	0.012	2.230	1.191	4.172
High risk primary tumour	0	1.346	0.329	<0.001	3.842	2.017	7.315
Pleural fluid LDH> 1500	15	1.667	0.589	0.005	5.295	1.668	16.808
Systemic therapy	0	0.683	0.330	0.039	1.980	1.036	3.773

**Table S3: Overall survival of 259 patients from Dataset 2 and differences in survival according to clinical, radiological and laboratory parameters**

Variable	Median Survival (months)	95% CI		Log rank (p value)
		Lower limit	Upper limit CI	
Overall survival	11	10.42	11.57	
Presence of unexpandable lung				
Entrapped (n= 40)	7.8	5.63	9.96	0.111
Not entrapped (n=194 )	11	10.64	11.36	
Pleurodesis outcome				
Failure (n= 54 )	6.4	4.87	7.93	0.001
Success (n = 205 )	11	10.81	11.18	
Primary tumor				
High risk* (n= 104 )	6.7	2.78	10.61	0.115
Low risk (n = 146 )	11	10.87	11.12	
Pleural fluid LDH				
Low LDH* (= 153)	11	10.20	11.79	0.698
High LDH (n = 25 )	10	4.45	15.54	

Key: \* as per LENT score  
CI: confidence interval

**Table S4: Unadjusted odds ratio for poor survival using Cox proportional hazards model for dataset 2 patients**

Variable	Missing data	$\beta$ coef	S.E.	P	OR	95% CI	
High risk primary tumour	9	0.234	0.155	0.132	1.263	0.932	1.712
White cell count	3	0.062	0.028	0.025	1.064	1.008	1.124
Pleural fluid LDH >1500 IU	81	0.094	0.254	0.711	1.099	0.667	1.810
Pleurodesis failure	0	0.529	0.173	0.002	1.698	1.210	2.382
Unexpandable lung	25	0.303	0.200	0.130	1.354	0.915	2.003

**Table S5: Adjusted odds ratio for poor survival using Cox proportional hazards model from dataset 2 patients (157 patients included)**

	B	SE	Sig.	OR	95.0% CI for Exp(B)	
					Lower	Upper
Unexpandable lung	.534	.227	.019	1.706	1.093	2.662
High-risk primary tumour	.304	.205	.139	1.355	.906	2.027
High Pleural fluid LDH	-.271	.304	.371	.762	.420	1.382
White cell count	.050	.038	.190	1.051	.976	1.132
Pleurodesis failure	.621	.237	.009	1.860	1.170	2.958