

DATA FOR ONLINE SUPPLEMENT

Online Table A: Characteristics of patient groups:

	Overall (n=390)	Pleurodesed (n=165)	Non-Pleurodesed (n=225)	<i>P</i> value*
Age: mean (SD)	70.0 (10.4)	69.9 (10.8)	70.8 (10.1)	p=0.77
Male	85.9%	86.7%	85.3%	p=0.97
Subtype:				NS
Epithelioid	195	87	108	
Sarcomatoid	39	9	30	
Biphasic	68	30	38	
Unclassified	88	39	49	
Survival (days from diagnosis)	351 (166 - 643)	443 (197 - 746)	318 (128 to 574)	p=0.002
No. of hospital admissions	5.0 (2.0 - 9.0)	5.0 (2.0 - 9.0)	4.0 (1.0 - 9.0)	p=0.08
Total inpatient days in hospital from diagnosis	17.0 (8.0 - 28.3)	20.0 (12.0 - 31.3)	14.0 (5.0 - 25.0)	p<0.001
% of remaining lifespan spent as hospital inpatient	4.9% (1.6 - 10.3)	5.1% (2.1 - 11.1)	4.4% (1.3 - 10.0)	p=0.15

Online Table B: Comparison of patients by pleurodesis outcome:

	Successful Pleurodeses (n=49)	Partial Success (n=64)	Failed Pleurodeses (n=52)	p value
Age: mean (SD)	73.1 (9.7)	68.7 (11.3)	68.2 (10.6)	p=0.04
Time in Days (from diagnosis to pleurodesis)	16.0 (0.0 to 49.5)	30.5 (0.0 - 83.5)	5.5 (0.0 - 61.0)	p=0.19
Survival after Pleurodesis (days)	275 (138 - 746)	428 (239 - 838)	300 (153 - 681)	p=0.21
Survival in Days (from diagnosis to death)	323.0 (142.5 to 742.5)	460.5 (314.3 to 946.5)	409.0 (197.5 to 719.0)	p=0.11
No. of hospital admissions	4.0 (1.0 to 6.8)	7.0 (2.0 to 9.0)	7.0 (3.0 to 10.0)	p=0.02
Total days in hospital from diagnosis	16.0 (10.0 - 28.0)	19.0 (11.5 - 32.8)	25.0 (16.3 - 31.8)	p=0.07
% of survival time (from diagnosis to death) spent in hospital	5.1% (1.8 to 13.0)	4.4% (1.8 to 8.2)	6.1% (3.0 to 13.5)	p=0.09
Effusion Size (% hemithorax)	50% (25 – 75%) (n=43)	50% (25 – 75%) (n=57)	50% (25 – 75%) (n=49)	p=0.67
pleural fluid pH	7.37 (7.30 - 7.54) (n=14)	7.37 (7.25 - 7.60) (n=19)	7.30 (7.21 - 7.37) (n=21)	p=0.09
pleural fluid glucose (mmol/L)	4.3 (2.5 - 5.3) (n=26)	5.1 (3.7 - 5.9) (n=16)	3.9 (3.3 - 5.4) (n=26)	p=0.27
pleural fluid Lactate dehydrogenase (LDH) (IU/L)	428 (342 - 669) (n=17)	361 (235 to 655) (n=18)	505 (233 to 961) (n=34)	p=0.48
pleural fluid Protein (g/L) Mean (SD)	44.9 (8.3) (n=28)	46.2 (8.7) (n=34)	44.8 (10.7) (n=36)	p=0.80
Histological Subtype				p=0.70
Epithelioid	25	37	25	
Sarcomatoid	2	3	4	
Biphasic	7	11	12	
Unclassified	15	13	11	

Online Fig A: Chart showing the number of procedures undergone by patients whose pleurodesis failed

No. of Procedures in Patients who Failed Pleurodesis

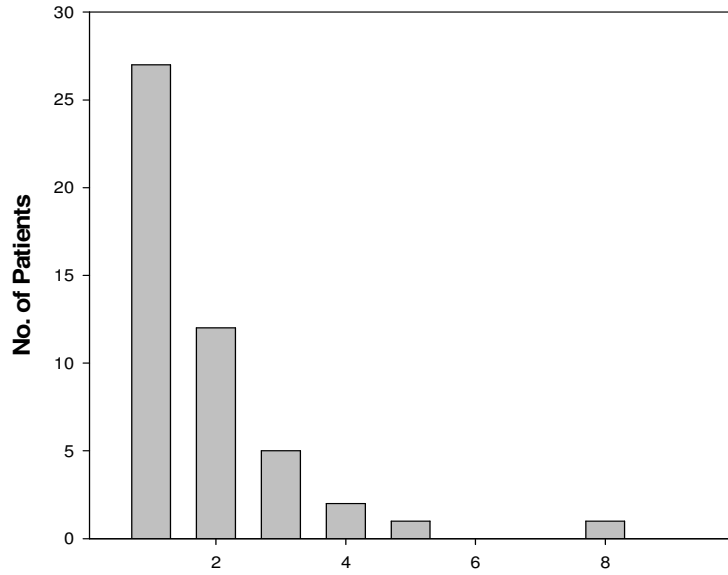


Fig B: Type and number of pleural procedures undertaken in patients with failed pleurodesis

Type and no. of Procedures

