

Society for Cardiothoracic Surgery, UK and Ireland - Thoracic Surgical Activity, 2002-2006

Year	2002-3			2003-4			2004-5			2005-6			Total
Proportion of units contributing	36/39			36/39			36/39			40/41			
	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals
A LUNG RESECTIONS - PRIMARY-MALIGNANT													
1 Pneumonectomy including sleeve pneumonectomy	551	46	8.3	489	31	6.3	484	29	6.0	444	29	6.5	1968
2 Lobectomy, bilobectomy	2305	51	2.2	2166	57	2.6	2198	43	2.0	2381	62	2.6	9050
3 Sleeve lobectomy	65	2	3.1	70	2	2.9	71	1	1.4	88	2	2.3	294
4 Segmentectomy, wedge resection	409	2	0.5	338	8	2.4	419	8	1.9	430	7	1.6	1596
5 Any pulmonary resection + resection of chest wall, diaphrag	83	3	3.6	65	4	6.2	84	5	5.9	91	1	1.1	323
6 Exploratory thoracotomy - no resection	206	8	3.9	179	3	1.7	183	1	0.5	194	6	3.1	762
B LUNG RESECTIONS - OTHER													
1 Pneumonectomy	26	3	11.5	32	0	0.0	55	2	3.6	35	3	8.6	148
2 Lobectomy, bilobectomy	268	5	1.9	250	4	1.6	213	0	0.0	297	8	2.7	1028
3 Sleeve lobectomy	31	1	3.2	16	0	0.0	23	0	0.0	18	0	0.0	88
4 Segmentectomy, wedge resection	716	3	0.4	557	5	0.9	550	2	0.4	732	10	1.4	2555
5 Any pulmonary resection + resection of chest wall, diaphrag	46	4	8.7	76	1	1.3	85	2	2.4	37	1	2.7	244
6 Other pulmonary procedure	209	9	4.3	118	1	0.8	154	10	6.5	195	6	3.1	676
C PLEURAL PROCEDURES													
1 Thoracotomy + decortication	514	13	2.5	524	18	3.4	525	14	2.7	726	19	2.6	2289
2 Thoracotomy+ pleural symphysis +/- closure of air leak	372	9	2.4	386	7	1.8	460	9	2.0	438	1	0.2	1656
3 Thoracotomy + other pleural procedures	664	15	2.3	526	13	2.5	603	7	1.2	501	10	2.0	2294
D CHEST WALL/DIAPHRAGMATIC PROCEDURES													
1 Major	531	8	1.5	424	10	2.4	425	2	0.5	428	2	0.5	1808
2 Minor	186	0	0.0	254	1	0.4	252	0	0.0	299	3	1.0	991
E MEDIASTINAL PROCEDURES													
1 Resection of mediastinal mass/tumour	333	4	1.2	269	1	0.4	252	1	0.4	350	2	0.6	1204
2 Mediastinoscopy / mediastinotomy	2767	9	0.3	2525	9	0.4	2533	13	0.5	2645	8	0.3	10470
3 Other mediastinal procedure	99	9	9.1	113	9	8.0	117	3	2.6	126	4	3.2	455
F OESOPHAGEAL/GASTRIC PROCEDURES													
1 Oesophago-gastric resection/bypass - malignant	464	18	3.9	312	12	3.8	234	10	4.3	288	19	6.6	1298
2 Oesophago-gastric resection/bypass - non-malignant	11	3	27.3	14	0	0.0	25	0	0.0	9	2	22.2	59
3 Other major oesophagogastric	208	10	4.8	171	6	3.5	107	5	4.7	104	5	4.8	590
4 Exploration only by any route, ie inoperable	23	2	8.7	26	1	3.8	28	2	7.1	27	1	3.7	104
5 Minor oesophagogastric	15	1	6.7	39	0	0.0	36	0	0.0	32	0	0.0	122
G OTHER PROCEDURES													
1 Major	141	6	4.3	165	8	4.8	258	12	4.7	396	9	2.3	960

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2 Minor	773	4	0.5	626	7	1.1	675	10	1.5	806	12	1.5	2880
	2002-3			2003-4			2004-5			2005-6			Total
Video Assisted Thoracic Surgery (VATS)	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals
VATS-A LUNG RESECTIONS - PRIMARY-MALIGNANT													
1 Wedge resection	76	0	0.0	81	0	0.0	78	2	2.6	104	1	1.0	339
2 Lobectomy	65	1	1.5	65	3	4.6	54	0	0.0	105	2	1.9	289
3 Pneumonectomy	2	0	0.0	2	0	0.0	1	0	0.0	2	0	0.0	7
VATS-B LUNG RESECTIONS - OTHER													
1 Wedge resection	781	7	0.9	714	5	0.7	773	8	1.0	691	4	0.6	2959
2 Lobectomy	12	0	0.0	10	0	0.0	9	0	0.0	15	0	0.0	46
3 Pneumonectomy	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	1
VATS-C PLEURAL PROCEDURES													
1 Closure of air leak +/- pleural symphysis	872	5	0.6	1077	9	0.8	1234	9	0.7	1377	4	0.3	4560
2 Any other pleural procedures	1826	18	1.0	1719	26	1.5	1712	41	2.4	1949	30	1.5	7206
VATS-D CHEST WALL/DIAPHRAGMATIC PROCEDURES													
1 All	146	0	0.0	48	0	0.0	44	0	0.0	81	0	0.0	319
VATS-E MEDIASTINAL CONDITIONS													
1 Rescetion of mediastinal mass/tumour	154	0	0.0	106	0	0.0	43	0	0.0	45	0	0.0	348
2 Other mediastinal proceudure	61	1	1.6	112	0	0.0	121	0	0.0	183	1	0.5	477
VATS-F OESOPHAGEAL/GASTRIC PROCEDURES													
1 Therapeutic	13	0	0.0	19	0	0.0	25	0	0.0	34	2	5.9	91
2 Diagnostic	62	0	0.0	38	0	0.0	8	0	0.0	14	0	0.0	122
3 Therapeutic - other	0	0	0.0	1	0	0.0	35	0	0.0				36
VATS-G OTHER PROCEDURES													
1 All	93	1	1.1	174	1	0.6	344	2	0.6	744	6	0.8	1355
Z Endoscopic Procedures (Not VATS)													
1 Diagnostic bronchoscopy / oesophagoscopy	7685	12	0.2	6098	13	0.2	5912	6	0.1	5902	13	0.2	25597
2 Therapeutic bronchoscopy / oesophagoscopy	2377	26	1.1	1749	22	1.3	1892	19	1.0	1833	30	1.6	7851

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Totals =	26241	319	1.2	22744	297	1.3	23337	278	1.2	25196.0	325.0	1.3	97518
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2002-6		2005-6			
		40/41			
Deaths	%	Totals	Deaths	%	
135	6.9	444	29	6.5	
213	2.4	2381	62	2.6	
7	2.4	88	2	2.3	
25	1.6	430	7	1.6	
13	4.0	91	1	1.1	
18	2.4	194	6	3.1	
8	5.4	35	3	8.6	
17	1.7	297	8	2.7	
1	1.1	18	0	0.0	
20	0.8	732	10	1.4	
8	3.3	37	1	2.7	
26	3.8	195	6	3.1	
64	2.8	726	19	2.6	
26	1.6	438	1	0.2	
45	2.0	501	10	2.0	
22	1.2	428	2	0.5	
4	0.4	299	3	1.0	
8	0.7	350	2	0.6	
39	0.4	2645	8	0.3	
25	5.5	126	4	3.2	
59	4.5	288	19	6.6	
5	8.5	9	2	22.2	
26	4.4	104	5	4.8	
6	5.8	27	1	3.7	
1	0.8	32	0	0.0	
35	3.6	396	9	2.3	

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33	1.1	806	12	1.5
2002-6		2005-6		
Deaths	%	Totals	Deaths	%
3	0.9	104	1	1.0
6	2.1	105	2	1.9
0	0.0	2	0	0.0
24	0.8	691	4	0.6
0	0.0	15	0	0.0
0	0.0	0	0	0.0
27	0.6	1377	4	0.3
115	1.6	1949	30	1.5
0	0.0	81	0	0.0
0	0.0	45	0	0.0
2	0.4	183	1	0.5
2	2.2	34	2	5.9
0	0.0	14	0	0.0
0	0.0			
10	0.7	744	6	0.8
44	0.2	5902	13	0.2
97	1.2	1833	30	1.6

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1219	1.3	25196.0	325.0	1.3
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