

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

Year	2002-3			2003-4			2004-5			2005-6			Total 2002-6		
	Proportion of units contributing			36/39			36/39			40/41					
	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%
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	135	6.9
2 Lobectomy, bilobectomy	2305	51	2.2	2166	57	2.6	2198	43	2.0	2381	62	2.6	9050	213	2.4
3 Sleeve lobectomy	65	2	3.1	70	2	2.9	71	1	1.4	88	2	2.3	294	7	2.4
4 Segmentectomy, wedge resection	409	2	0.5	338	8	2.4	419	8	1.9	430	7	1.6	1596	25	1.6
5 Any pulmonary resection + resection of chest wall, diaphragm	83	3	3.6	65	4	6.2	84	5	5.9	91	1	1.1	323	13	4.0
6 Exploratory thoracotomy - no resection	206	8	3.9	179	3	1.7	183	1	0.5	194	6	3.1	762	18	2.4
B LUNG RESECTIONS - OTHER															
1 Pneumonectomy	26	3	11.5	32	0	0.0	55	2	3.6	35	3	8.6	148	8	5.4
2 Lobectomy, bilobectomy	268	5	1.9	250	4	1.6	213	0	0.0	297	8	2.7	1028	17	1.7
3 Sleeve lobectomy	31	1	3.2	16	0	0.0	23	0	0.0	18	0	0.0	88	1	1.1
4 Segmentectomy, wedge resection	716	3	0.4	557	5	0.9	550	2	0.4	732	10	1.4	2555	20	0.8
5 Any pulmonary resection + resection of chest wall, diaphragm	46	4	8.7	76	1	1.3	85	2	2.4	37	1	2.7	244	8	3.3
6 Other pulmonary procedure	209	9	4.3	118	1	0.8	154	10	6.5	195	6	3.1	676	26	3.8
C PLEURAL PROCEDURES															
1 Thoracotomy + decortication	514	13	2.5	524	18	3.4	525	14	2.7	726	19	2.6	2289	64	2.8
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	26	1.6
3 Thoracotomy + other pleural procedures	664	15	2.3	526	13	2.5	603	7	1.2	501	10	2.0	2294	45	2.0
D CHEST WALL/DIAPHRAGMATIC PROCEDURES															
1 Major	531	8	1.5	424	10	2.4	425	2	0.5	428	2	0.5	1808	22	1.2
2 Minor	186	0	0.0	254	1	0.4	252	0	0.0	299	3	1.0	991	4	0.4
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	8	0.7
2 Mediastinoscopy / mediastinotomy	2767	9	0.3	2525	9	0.4	2533	13	0.5	2645	8	0.3	10470	39	0.4
3 Other mediastinal procedure	99	9	9.1	113	9	8.0	117	3	2.6	126	4	3.2	455	25	5.5
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	59	4.5
2 Oesophago-gastric resection/bypass - non-malignant	11	3	27.3	14	0	0.0	25	0	0.0	9	2	22.2	59	5	8.5
3 Other major oesophagogastric	208	10	4.8	171	6	3.5	107	5	4.7	104	5	4.8	590	26	4.4
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	6	5.8
5 Minor oesophagogastric	15	1	6.7	39	0	0.0	36	0	0.0	32	0	0.0	122	1	0.8
G OTHER PROCEDURES															
1 Major	141	6	4.3	165	8	4.8	258	12	4.7	396	9	2.3	960	35	3.6
2 Minor	773	4	0.5	626	7	1.1	675	10	1.5	806	12	1.5	2880	33	1.1

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	2002-3			2003-4			2004-5			2005-6			Total 2002-6		
Video Assisted Thoracic Surgery (VATS)	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%	Totals	Deaths	%
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	3	0.9
2 Lobectomy	65	1	1.5	65	3	4.6	54	0	0.0	105	2	1.9	289	6	2.1
3 Pneumonectomy	2	0	0.0	2	0	0.0	1	0	0.0	2	0	0.0	7	0	0.0
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	24	0.8
2 Lobectomy	12	0	0.0	10	0	0.0	9	0	0.0	15	0	0.0	46	0	0.0
3 Pneumonectomy	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
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	27	0.6
2 Any other pleural procedures	1826	18	1.0	1719	26	1.5	1712	41	2.4	1949	30	1.5	7206	115	1.6
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	0	0.0
VATS-E MEDIASTINAL CONDITIONS															
1 Resection of mediastinal mass/tumour	154	0	0.0	106	0	0.0	43	0	0.0	45	0	0.0	348	0	0.0
2 Other mediastinal procedure	61	1	1.6	112	0	0.0	121	0	0.0	183	1	0.5	477	2	0.4
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	2.2
2 Diagnostic	62	0	0.0	38	0	0.0	8	0	0.0	14	0	0.0	122	0	0.0
3 Therapeutic - other	0	0	0.0	1	0	0.0	35	0	0.0				36	0	0.0
VATS-G OTHER PROCEDURES															
1 All	93	1	1.1	174	1	0.6	344	2	0.6	744	6	0.8	1355	10	0.7
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	44	0.2
2 Therapeutic bronchoscopy / oesophagoscopy	2377	26	1.1	1749	22	1.3	1892	19	1.0	1833	30	1.6	7851	97	1.2
Totals =	26241	319	1.2	22744	297	1.3	23337	278	1.2	25196.0	325.0	1.3	97518	1219	1.3