

Thoracic register 2001-2

2001-2 (37 Centres)

	total	D	%
A LUNG TUMOURS-PRIMARY-MALIGNANT			
1 Pneumonectomy including sleeve pneumonectomy	593	46	7.8
2 Lobectomy, bilobectomy	2003	58	2.9
3 Sleeve resection lobectomy	79	4	5.1
4 Segmentectomy, wedge resection	277	5	1.8
5 Any pulmonary resection with resection of chest wall	58	2	3.4
6 Exploratory thoracotomy - no resection	218	8	3.7
B LUNG TUMOURS-SECONDARY-MALIGNANT			
1 Pneumonectomy	15	0	0.0
2 Lobectomy, bilobectomy	103	2	1.9
3 Sleeve resection lobectomy	4	0	0.0
4 Segmentectomy, wedge resection	263	2	0.8
5 Exploratory thoracotomy - no resection	18	1	5.6
C LUNG TUMOURS-BENIGN (including those of intermediate malignancy e.g. carcinoid not hamartoma see K 1)			
1 Pneumonectomy	11	0	0.0
2 Lobectomy, bilobectomy	87	0	0.0
3 Sleeve resection +/- lobectomy	14	0	0.0
4 Segmentectomy, wedge resection	72	1	1.4
5 Exploratory thoracotomy - no resection	12	0	0.0
D 1 MESOTHELIOMA			
1 Thoracotomy with insertion of pleuro-peritoneal shunt	6	0	0.0
2 Thoracotomy with pleural biopsy pleurodesis	172	0	0.0
3 Thoracotomy + resection of tumour	25	1	4.0
4 Thoracotomy + resection of tumour +lung +/- diaphragm	35	1	2.9
D 2 OTHER PLEURAL MALIGNANCY (incl. chylothorax but excl.empyema)			
1 Thoracotomy with insertion of pleuro-peritoneal shunt	7	0	0.0
2 Thoracotomy with pleural biopsy +/- pleurodesis	157	6	3.8
3 Thoracotomy + resection of tumour	31	1	3.2
4 Thoracotomy + resection of tumour + resection of lung tissue +/- diaphragm (inc.pleuropneumectomy)	13	1	7.7
	0	0	
E BENIGN PLEURAL PATHOLOGY (incl. chylothorax but exclude empyema)			
1 Thoracotomy with insertion of pleuro-peritoneal shunt	4	0	0.0
2 Thoracotomy with pleural biopsy +/- pleurodesis	97	2	2.1
3 Thoracotomy + resection of tumour	13	0	0.0
4 Thoracotomy + resection of lung tissue (includes pleuropneumectomy)	20	0	0.0
F PNEUMOTHORAX			
1 Thoracotomy with closure of air leak (ie staple,glue,suture etc)	6	0	0.0
2 Thoracotomy with closure of air leak + pleurodesis	68	1	1.5
3 Thoracotomy with closure of air leak + pleurectomy	227	0	0.0
4 Thoracotomy with closure of air leak + decortication	3	1	33.3
5 Thoracotomy with closure of air leak + excision of bulla or bullae	93	1	1.1
6 Tube thoracostomy and pleurectomy	62	0	0.0
7 Median sternotomy and bilateral procedures (NOT volume reduction surgery) - (See section K8)	10	0	0.0
	8	0	0.0

Thoracic register 2001-2

G PLEUROPULMONARY SEPSIS (exclude T.B.)			
1 Rib resection +/- open drainage (include fenestration)	156	3	1.9
2 Empyema - decortication	351	3	0.9
3 Lung abscess - resection ie segment,wedge,lobe etc.	29	1	3.4
4 Bronchiectasis - resection	28	0	0.0
5 Resection and decortication	38	0	0.0
6 Thoracoplasty	8	0	0.0
7 Tube thoracostomy and fibrinolysis	37	0	0.0
8 Pedicled muscle flap transfer for empyema	5	0	0.0
9 Closure of broncho-pleural fistula	8	0	0.0
H TUBERCULOSIS			
1 Thoracotomy and biopsy (incl.excision biopsy)	24	0	0.0
2 Pulmonary resection (less than a pneumectomy)	28	0	0.0
3 Pulmonary resection ie.pneumonectomy +/-pleura	6	1	16.7
4 Thoracoplasty	0	0	
5 Pulmonary resection and thoracoplasty	3	0	0.0
6 Open pleural biopsy	6	0	0.0
7 Thoracotomy and decortication for empyema	5	0	0.0
8 Thoracotomy and resection for aspergillus	12	0	0.0
I OTHER INFLAMMATORY LUNG CONDITIONS (exclude T.B. and those specified in section H)			
1 Pneumonectomy	2	0	0.0
2 Lobectomy, bilobectomy	30	1	3.3
3 Segmentectomy, wedge resection	48	0	0.0
4 Thoracotomy with biopsy (include open lung biopsy)	185	5	2.7
5 Thoracotomy for infolded lung," Blesovsky's" syndrome	6	0	0.0
6 Thoracotomy for hydatid disease	0	0	
J Trauma			
1 Thoracotomy for haemorrhage	53	9	17.0
2 Thoracotomy for lung injury	16	3	18.8
3 Thoracotomy for tracheobronchial injury	3	0	0.0
4 Thoracotomy for diaphragmatic rupture	30	1	3.3
5 Thoracotomy for cardiac injury	17	6	35.3
6 Thoracotomy for injury to aorta and or great vessels	13	4	30.8
7 Thoracotomy for fixation of rib or sternal fracture	5	0	0.0
8 Thoracotomy for endobronchial foreign body	1	0	0.0
9 Management of chest wall trauma with or without ventilatory support	110	0	0.0
10 Thoracotomy and decortication of haemothorax (delayed)	15	0	0.0
11 Thoracotomy for traumatic chylothorax	2	0	0.0
K OTHER LUNG CONDITIONS			
1 Thoracotomy for hamartoma	44	0	0.0
2 Thoracotomy for all lung cysts and congenital lobar empysema	29	1	3.4
3 Thoracotomy for sequestration	6	0	0.0
4 Thoracotomy for A/V malformations	4	0	0.0
5 Thoracotomy for congenital vascular bands	0	0	
6 Other specify ie bronchoplasty	13	0	0.0
7 Thoracotomy uilateral for lung reduction surgery	25	0	0.0
8 Median sternotomy for bilateral lung reduction surgery	12	0	0.0
9 Clamshell bilateral thoracotomy for lung reduction surgery	0	0	

Thoracic register 2001-2

L Transplantation please see cardiac register	0	0	
M CHEST WALL CONDITIONS			
1 Correction of pectus deformity	105	0	0.0
2 Primary chest wall tumours			
2a Chest wall etc	68	0	0.0
2b Chest wall and any lung resection	11	0	0.0
3 Secondary chest wall tumours (exclude direct invasion by lung cancer see A5)			
3a Excision of chest wall	40	0	0.0
3b Excision of chest wall and any lung resection	9	0	0.0
4 Excision of costal cartilage/s	40	0	0.0
5 Excision of xyphoid	10	0	0.0
6 Resection of sternum +/- cartilage +/- chest wall (for primary tumour)	11	0	0.0
7 Removal of pectus bar	39	0	0.0
8 Biopsy of chest wall lesion	72	1	1.4
9 Excision of chest wall sepsis (include sternum +/- cartilage, ribs etc.)	42	0	0.0
10 Surgery for cervical rib / thoracic inlet syndrome	13	0	0.0
N DIAPHRAGMATIC CONDITIONS (exclude trauma)			
1 Diaphragmatic tumour	1	0	0.0
2 Diaphragmatic hernia, congenital	18	1	5.6
3 Thoracotomy and plication of diaphragm	21	1	4.8
O MEDIASTINAL CONDITIONS			
1 Neurogenic tumour excision	42	0	0.0
2 Foregut reduplication cysts (bronchial and oesophageal)	24	0	0.0
3 Other mediastinal cysts - specify	13	0	0.0
4 Retrosternal goitre	80	0	0.0
5 Thymoma with myasthenia	43	0	0.0
6 Thymoma without myasthenia	68	2	2.9
7 Other mediastinal tumour excision - specify	45	1	2.2
8 Thymectomy for myasthenia gravis	39	0	0.0
9 Surgery for pleuro-pericardial cyst	3	0	0.0
10 Thoracotomy for thoracic duct ligation	4	0	0.0
11 Surgery for terato-dermoid of mediastinum	4	0	0.0
12 Surgery for lipoma or liposarcoma of mediastinum	0	0	
13 Surgery of giant lymphoma of mediastinum	2	0	0.0
14 Surgery for mediastinal parathyroid adenoma	1	0	0.0
15 Other tumours not otherwise specified	9	0	0.0
P TRACHEAL CONDITIONS (includes carinal resection)			
1 Tracheal tumours primary and secondary resection	4	0	0.0
2 Tracheal tumours primary and secondary resection and carina (+any lung resection)	1	0	0.0
3 Tracheal stenosis resection (aquired / benign / congenital)	13	2	15.4
4 Tracheal stenosis resection (aquired / benign / congenital +/-carinal resection)	0	0	
Q OTHER CONDITIONS SPECIFY not performed thoroscopically			
1 Pericardial window	59	1	1.7
2 Pericardectomy (also see cardiac surgery return)	13	1	7.7
3 .1 Dorsal spine discectomy / decompression	2	0	0.0
3. 2 Spinal fusion	1	0	0.0
3. 3 Excision of dorsal spine tumour	6	0	0.0
4 Dorsal sympathectomy	1	0	0.0
5 Correction of kyphoscoliosis	1	0	0.0

Thoracic register 2001-2

R OESOPHAGEAL MALIGNANT TUMOURS			
1 Oesophageal resection	549	27	4.9
2 Oesophageal resection,pharynx +/- larynx	11	0	0.0
3 Bypass procedure using any conduit	2	1	50.0
4 Oesophageal resection with interpositon of colon or jejunum (not free graft)	8	0	0.0
5 Intubation pulsion (inoperable laparotomy etc)	14	0	0.0
6 Intubation traction	7	0	0.0
7 Exploration only by any route,ie inoperable	44	0	0.0
8 Staging laparotomy	14	0	0.0
S OESOPHAGEAL BENIGN CONDITIONS			
1 Excision without oesophagectomy	11	0	0.0
2 Oesophagectomy	14	1	7.1
3 Exploration only +/- biopsy	4	0	0.0
T ACHLASIA AND OTHER MOTILITY DISORDERS			
1 Myotomy	16	0	0.0
2 Myotomy with anti-reflux operation	11	0	0.0
3 Diverticulectomy +/- myotomy	0	0	
U UPPER SPHINCTER DISORDERS			
1 Excision of pouch +/- myotomy	10	0	0.0
2 Myotomy alone with or without divertulopexy	3	0	0.0
3 Per oral stapling - DOHLMANS procedure	5	0	0.0
V1 REFLUX CONDITIONS			
1 Hiatus hernia repair (all techniques)	138	2	1.4
2 Hiatus hernia repair with gastroplasty	12	0	0.0
3 Oesophageal resection	0	0	
4 Oesophageal bypass	0	0	
5 Biliary diversion	0	0	
6 Circumferential myotomy	0	0	
V11 RECURRENT REFLUX CONDITIONS			
1 Hiatus hernia repair (all techniques)	14	0	0.0
2 Hiatus hernia repair with gastroplasty	0	0	
3 Oesophageal resection	0	0	
4 Oesophageal bypass	0	0	
5 Biliary diversion	0	0	
6 Circumferential myotomy	0	0	
W OESOPHAGEAL INJURY			
1 Thoracotomy for removal of foreign body	2	0	0.0
2 Thoracotomy for perforation / spontaneous / other trauma	17	3	17.6
3 Repair of spontaneous rupture (Boerhaave's)	23	2	8.7
4 Resection of spontaneous rupture	1	0	0.0
5 Repair of instrumental perforation (rigid or flexible scope, or bougie,or balloon etc.)	8	0	0.0
6 Resection of instrumental perforation	7	1	14.3
7 Other specify	3	0	0.0
8 Chest drain and or local drainage (ie neck) + conservative treatment	11	0	0.0
X OESOPHAGEAL ATRESIA / FISTULA (CONGENITAL)			
1 Closure of fistula +/- defunctioning gastrotomy	3	0	0.0
2 Primary anastomosis	1	1	100.0
3 Staged reconstruction using any conduit	1	0	0.0

Thoracic register 2001-2

Y GASTRIC CONDITIONS (formerly other oesophageal conditions [specify])			
1 Resection of any gastric malignancy - partial or total gastrectomy	10	2	20.0
2 Bypass for gastric malignancy (ie linitis plastica)	2	0	0.0
3 Feeding jejunostomy or gastrostomy	48	0	0.0
4 Gastrostomy	11	0	0.0
5 Pyloroplasty (for delayed gastric emptying)	2	0	0.0
Z ENDOSCOPIC SECTION (NOT VATS-SEE SEPARATE SECTION)			
Z 1120 Diagnostic bronchoscopy (includes biopsy)	5864	15	0.3
THERAPEUTIC BRONCHOSCOPY			
Z 1121 Foreign body removal	61	0	0.0
Z 1122 Dilatations	81	0	0.0
Z 1123 Curetage with diathermy and / or forceps	28	1	3.6
Z 1124 Laser resections	113	4	3.5
Z 1125 Brachytherapy ie endobronchial radiotherapy	0	0	
Z 1126 Stenting	184	5	2.7
Z 1127 Cryotherapy	176	1	0.6
Z 1128 Other	54	2	3.7
Z 1129 Glue to B.P.F.	5	0	0.0
UPPER GASTROINTESTINAL ENDOSCOPIES			
Z 1220 Diagnostic (includes biopsy)	2225	2	0.1
THERAPEUTIC			
Z 1221 Foreign body removal	77	0	0.0
Z 1222 Dilatations	1695	9	0.5
Z 1223 Curettage with forceps diathermy +/- cryotherapy	3	1	33.3
Z 1224 Laser resections	34	0	0.0
Z 1225 Brachytherapy	33	0	0.0
Z 1226 Pulsion intubation any type of stent	356	5	1.4
3 MEDIASTINAL			
Z 1321 Mediastinoscopy (cervical)	2016	3	0.1
Z 1322 Anterior mediastinoscopy	518	6	1.2
MINOR PROCEDURES			
Z 221 Tracheostomy (standard)	139	11	7.9
Z 222 Mini-tracheostomy	108	1	0.9
Z 223 Per-cutaneous tracheostomy	18	0	0.0
Z 224 Removal of sternal wires	210	0	0.0
Z 225 Intercostal drains	317	6	1.9
Z 226 Secondary resuture of any wound	124	1	0.8
VIDEO ASSISTED SURGERY V.A.T.S (PULMONARY)			
Wedge resection			
PU1 Lung biopsy for diffuse disease	546	8	1.5
PU2 Biopsy of isolated pulmonry nodule	117	1	0.9
Resection of primary lung neoplasm			
PU3 Benign	22	0	0.0
PU4 Malignant	45	1	2.2
PU5 Resection of metastasis	31	0	0.0

Thoracic register 2001-2

MAJOR LUNG RESECTIONS			
Lobectomy			
LR1 Primary neoplasm	55	2	3.6
LR2 Secondary neoplasm	3	0	0.0
LR3 Inflammatory disease	3	0	0.0
Pneumonectomy			
LR4 Primary neoplasm	2	0	0.0
LR5 Secondary neoplasm	7	0	0.0
LR6 Inflammatory disease	3	0	0.0
BULLAE / EMPHYSEMA			
VB1 Bullectomy	84	0	0.0
LVR1 Lung volume reduction surgery unilateral	45	0	0.0
LVR2 Lung volume reduction surgery bilateral (same anaesthetic)	4	0	0.0
PLEURAL			
Pneumothorax			
PL1 Closure of air leak(staple,stitch,glue etc) + blebectomy	19	0	0.0
PL2 Closure of air leak(staple,stitch,glue etc) + blebectomy+chemical pleurodesis	194	1	0.5
PL3 Closure of air leak(staple,stitch,glue etc) + blebectomy+mechanical abrasion	190	0	0.0
PL4 Closure of air leak(staple,stitch,glue etc) + blebectomy+pleurectomy	386	0	0.0
Pleural effusion / pleural neoplasm			
PL5 Pleural biopsy	493	4	0.8
PL6 Pleural biopsy + chemical pleurodesis ie plain or iodised talc	1007	15	1.5
PL7 Pleurectomy	35	0	0.0
PL8 Drainage of empyema +/- debridment	139	0	0.0
PL9 Removal of tumour	2	0	0.0
PL10 Insertion of shunt +/- any procedure	51	0	0.0
PERICARDIAL			
PE1 Pericardial fenestration	39	2	5.1
PE2 Excision of pericardial cyst	4	0	0.0
PE3 Pericardectomy	1	0	0.0
MEDIASTINAL			
ME1 Mediastinal gland biopsy / staging	133	2	1.5
ME2 Mediastinal tumour biopsy	42	1	2.4
ME3 Mediastinal tumour excision	18	0	0.0
ME4 Thoracic duct ligation (clip)	2	0	0.0
TRAUMA			
TR1 Assesment of intrathoracic trauma	11	0	0.0
TR2 Evacuation of haematoma +/- clot	47	1	2.1

Thoracic register 2001-2

NEURAL			
NE1 Sympathectomy	143	0	0.0
NE2 Splanchnic nerve ablation	2	0	0.0
VIDEO ASSISTED SURGERY V.A.T.S (cont.) (OESOPHAGEAL)			
OE1 Hellers myotomy	4	0	0.0
OE2 Extended myotomy	0	0	
OE3 Laparoscopic Hellers	3	0	0.0
OE4 Laparoscopic Nissen fundoplication +/- repair of hiatus hernia	14	0	0.0
OE5 Laparoscopic hiatus hernia repair	0	0	
OE6 Thorascopic mobilisation of oesophagus	0	0	
OE7 Thorascopic / laparoscopic oesophagectomy	0	0	
OE8 Repair of ruptured oesophagus	1	0	0.0
OE9 Excision of leiomyoma	0	0	
OE10 Laparoscopy for staging of gastric / oesophageal cancer +/- biopsy	41	0	0.0