Lung Cancer Registry

	Instruction: i) Where check boxes $\Box$ are provided, check ( $$ ) one or more boxes. Where radio buttons $\bigcirc$ are provided, check ( $$ ) one box only.									
ii) R	ed asterisk (*) indicates the field	d is mandatory and must be filled								
1 *	Reporting Centre									
2 *	Report Date (dd/mm/yyyy)									
0-										
<u> 5e</u>	Section 1: Outpatient Review  1 Outpatient review									
	·	C Yes C No C Not Available								
		a) First review date *  (dd/mm/yyyy)  -								
		b) Date decided for surgery (dd/mm/yyyy)								
		c) Date of surgery *								
•	Final Dra Onavativa Ctanina	(dd/mm/yyyy)								
2	Final Pre-Operative Staging (auto-generate at the end before submitting)	a Final Pre-Operative TNM T N M M								
	** Only for Primary Lung Cancer	b Final Pre-Operative Clinical Staging								
		(auto-generate) * Refer appendix I								
3 *	Neoadjuvant	C Yes C No C Not Available C Missing								
		a Type of Neoadjuvant								
		i Chemotherapy ii Radiotherapy								
		iii Targeted Therapy (TKI)								
Se	ction 2: Pre-Operative A	ssessment								
1 *	ECOG Performance Status									
	Status	Grade 0 Fully active, able to carry on all pre-disease performance with no restriction								
		Grade 1 Restricted in physically strenuous activity but ambulatory and able to carry out work of a light and sedentary nature								
		Grade 2 Ambulatory and capable of all selfcare but unable to carry out any work activities. Up and about more than 50% of waking hours								
		Grade 3 Capable of limited selfcare, confined to bed or chair more than 50% waking hours								
		Grade 4 Completely disables. Cannot carry on any selfcare. Totally confined to bed or chair								
		C Grade 5 Dead								
2 *	Concomitant Illness	a COPD C Yes C No C Hokoow o C Missing								
		a COPD O Yes O No O Unknown O Missing i. Classification								
		(Post-Bronchodilator GOLD 1 – FEV₁ ≥ 80%								
		GOLD 2 – FEV <sub>1</sub> ≤ 50 – < 80%								
		GOLD 3 – FEV <sub>1</sub> ≤ 30 – < 50% GOLD 4 – FEV <sub>1</sub> < 30%								
		O Not Available								
		C Missing								

Surgery Lung Cancer Registry

Co	oncomitant Illness (Contin	ue.	)			
		b	Renal Impairment	Ō	Yes 🖰 No	Unknow n Missing
				i.	Creatinine	μmol/L
				ii	eGFR (Auto-calculate)	mL/min/1.73m²
				iii.	CKD Stage (Auto-calculate)	* Refer appendix I
		С	Ischaemic Heart Disease	ļ	Yes 🖰 No	O Unknown Missing
				i	CCS Classification	Class 0 Asymptomatic Class I Angina only on strenuous exertion Class II Angina with moderate exertion
						C Class III Angina with mild exertion
						Class IV Angina at rest  Not Available
						C Missing
		d	Diabetes Mellitus	O i	Yes ( No Types	O Unknow n Missing
				1	туреѕ	<ul><li>Insulin-Dependent</li><li>Non-Insulin Dependent</li><li>Diet Control</li></ul>
	jan de la companya de	е	History of Cancer	0	Yes 🖰 No	C Unknow n C Missing
				If ye	es, please specify	
		f	CVA		Yes 🖰 No	C Unknow n C Missing
				i	Neurological Deficit	C Full C Partial C No
	in the second se	g	Obesity	O	Yes 🖰 No	C Unknown C Missing
				BM	(auto-calculate)	Kg/m <sup>2</sup>
		n	Others, please specify			
3 *		ÖΥ	'es 🖰 No	С	Not Available 🔘	Missing
4 *	Smoking History	O O O	Never smoke Ex-smoker Current smoker moker or Ex-smoker,	- Stop - Still	o smoking more than 1 smoking	O cigarettes in a life time month
C.	ection 2. Bearington. Or	<b></b>	ant .			
1 *	Numbers of Lung Segments Resected	oon	lent			
2	Numbers of Lung Segments Obst	truct	ed [			
	and Not Contributing to Lung Fun	ctio	n			

Lung Cancer Registry

3	FEV1 (Forced Expiratory Volume in first second)	○ Yes ○ No ○ Not Available ○ Missing	
		i Pre-op FEV1 (L)	L
		ii % Pre-op Predicted FEV1 (auto-calculate)	%
		iii Post-op Predicted FEV1	L
		iv % Post-op Predicted FEV1 (auto-calculate)	%
4	DLCO (Diffusing capacity of the lung for carbon monoxide (CO))	○ Yes ○ No ○ Not Available ○ Missing	
	, "	i Pre-op DLCO	ml/min/mmHg
		ii % Pre-op Predicted DLCO (auto-calculate)	7 %
		iii Post-op Predicted DLCO	ml/min/mmHg
		iv % Post-op Predicted DLCO (auto-calculate)	7 %
Se	ection 4: Functional Testing		
1	Rest Saturations on Room Air	%	
2	Arterial Blood Gas under Room Air	○ Yes ○ No ○ Not Available ○ Missing	
		i Partial Pressure Oxygen (PaO <sub>2</sub> )	mmHq
		ii Partial Pressure Carbon Dioxide (PaCO <sub>2</sub> )	mmHg
3	Cardiopulmonary Exercise Testing	Yes No Not Available Missing	
		i Actual VO <sub>2</sub> Max Value	7
4	Stair Climbing Test	C Yes C No C Not Available C Missing	mls/Kg/min
	J	i Derived VO <sub>2</sub> Max Value	7
5	6 minutes' walk test (6MWT)		mls/Kg/min
		Yes No Not Available Missing	
		i Distance covered <100m	
		100-200m	
		200-300m	
		300-400m C > 400m	
		Missing	
		ii Saturation after 6	
		minutes' walk test	
		Saturation % (Auto-calculate)	
		iv Is there any reduction of Sat >4%	able
		Sat >4%	
6	Incremental Shuttle Walk Test	○ Yes ○ No ○ Not Available ○ Missing	
		i Distance covered a) level b)	meters
		ii Saturation after shuttle %	
		iii Total Reduction of	
		Saturation (auto-calculate) iv Is there any reduction	L
		of Sat >4%	le ( Missing

Lung Cancer Registry

Se	ction 5: Pre-Operative L	Diagnostic Work-Up
1 *	CT Scan	○ Yes ○ No ○ Not Available ○ Missing
		i Date
		ii Lobe Involvement
		RUL
		□ RML
		□ RLL
		iii TNM T N M T
		iv CT Radiological Staging
		(auto-generate) * Refer appendix I
2	PET Scan	Yes No Not Available Missing
		i Date
		ii TNM
		T N N M M
		iii PET Radiological Staging (auto-generate)
_	Esta a sulla manda.	* Refer appendix I
3	Echocardiography	○ Yes ○ No ○ Not Available ○ Missing
		i Date
		(dd/mm/yyyy)
		ii LV Ejection Fraction C > 50%
		O 30-50%
		C <30%
		C Missing
4	Bone Scan	○ Yes ○ No ○ Not Available ○ Missing
		i Date
		ii Bone Metastasis
_	MDI	
5	MRI	○ Yes ○ No ○ Not Available ○ Missing
		i Date   -   -   -
		ii Other Metastasis C Yes C No
6	Bronchoscopy	
	Бтопопоссору	Yes No Not Available Missing
		i Date   -   -   -
7	Endobronchial	○ Yes ○ No ○ Not Available ○ Missing
	Ultrasound (EBUS)	
		i Date
8	Electromagnetic Navigation	○ Yes ○ No ○ Not Available ○ Missing
	Bronchoscopy (ENB)	i Date
		Tode

Surgery Lung Cancer Registry

1 *	Histopathological Examination	○ Yes ○ No ○ Not Available ○ Missing
		i Date of reporting (dd/mm/yyyy)
		ii Nature of Tumor C Primary Secondary
		Type of Tumor  Non-Small Cell Lung Carcinoma (NSCLC)  Small Cell Lung Cancer (SCLC)  Metastatic  Others  Missing  IV Method of Biopsy  Transbronchial  Endobronchial  CT-guided Percutaneous
		C USG-guided Percutaneous C Frozen Section C Cytology C Missing
		V Lymph Node Biopsy Positive Negative Not Available Missing  If Positive N1 Node N2 Node N3 Node
2 *	Final Pre-op Diagnosis	a Final Pre-Operative Clinical TNM (auto-generate)  b Final Pre-Operative Clinical Staging (auto-generate)  * Refer appendix I
0-	notion 7, THORACOSCO	RE (The Thoracic Surgery Scoring System)
1 *	ASA Physical Status	
	Classification System	A patient with mild systemic disease  A patient with severe systemic disease
		patient with severe systemic disease that is a constant threat to life
		A moribund patient who is not expected to survive without the operation
		A declared brain-dead patient whose organs are being removed for donor purposes

Missing

Section 6: Pre-Operative Histopathology

Surgery Lung Cancer
Registry

2	THORACOSCORE Scoring details	Pa	tient rel	ated factors					Valu	е		Score	
	(Auto-calculate)	i	Age	(years)				••••••					
		ii	Geno	der									
		iii	ASA	Classification	1								
		iv	Perfo	ormance Statu	us C	Classif	fication						
		V	Dysp	nea score									
		vi	Prior	Priority of surgery Procedure class									
		vii	Proc										
		viii		nosis group									
		ix	Com	orbidity score	!								
								Thora	coscore Ca	Iculated F	redicted Dea	th	
Se	ction 8: Operation De	ails											
1 *	Reporting Centre												
2 *	Operation Date (dd/mm/yyyy)		-	-									
3	Surgical team				<u> </u>		<u> </u>						
		* C	onsultar	nt Surgeon								<u> </u>	
		* S	* Surgeon							•			
		* A	* Assistant Surgeon 1								Ţ		
			* Assistant Surgeon 2										
			* Anaesthetist 1										
		A	naestne	tist 1									
		* A	naesthe	tist 2									
		* S	urgical A	Assistant								-	
		<u> </u>			L	,							
Se	ection 9: Operation												
1 *	Video assisted	Yes	0	No C	Not	t Avai	ilable	0	Miss ing				
2 *	Thoracotomy	Yes	0	No O	Not	t Avai	ilable	0	Miss ing				
3 *	Conversion VATS to Open Method	Yes	0	No O	Not	t Avai	ilable	0	Miss ing				
4 *	Lung Resection	Yes	0	No O	Not	t Avai	ilable	0	Missing				
		Dri	mary Lui	00									
		Cai	ncer	1	es		○ No		○ Not Av	ailable	() Missing	9	
	<b>I</b>	Sed Cal	condary ncer	Lung OY	es		○ No		Not Av	ailable	Missing	9	
			cedure	List									
		ī	Pne	eumonectomy	,		ÖΥ		Ć No		Not Available	A 15-15	
		ii		bectomy									
		"	סוום	Doctorry			OY	<b>e</b> 5	Ĉ No	C	Not Available	Missir 🖰 M	19
							0	RU	IL+RML				

RLL+RML

Missing

Ö

Lung Cancer Registry

Lung Resection (Continue)		
iii		C Yes C No C Not Available C Missing C Right Upper C Right Middle C Right Lower C Left Upper C Left Lower
iv	Sleeve Lobectomy	Yes No Not Available Missing  Bronchial Vascular Bronchial + Vascular
V	Segmentectomy	RUL
Vi	Ŭ	◯ Yes ◯ No ◯ Not Available ◯ Missing
Vi	Thoracotomy (Open & Shut)	◯ Yes ◯ No ◯ Not Available ◯ Missing
vii	Deconstruction	◯ Yes ◯ No ◯ Not Available ◯ Missing
ix	management	C Yes C No C Not Available C Missing C Dissection C Sampling
x	Tracheal Resection	◯ Yes ◯ No ◯ Not Available ◯ Missing
Xi	Frozen Section	○ Yes ○ No ○ Not Available ○ Missing

Lung Cancer Registry

Se	ection 10: Post-Op				
1 *	Post-operative Events/Complications	ΟY	'es	0.1	lo 🖒 Not Available 🖒 Missing
	Events/Complications .	If <b>Y</b>	es, click	one or	more of the following selections
		а	П	Unex	pected Return to OR
			i		Bleeding
			ii		Empyema
			iii		Airleak
			iv		Other reason, please specify
		b		Pulm	onary
			i		Persistent air leak more than 5 days
			ii		Broncho Pleural Fistula (BPF)
			iii		Atelectasis requiring bronchoscopy
			iv		Pleural effusion requiring drainage
			V		Pneumonia
			vi		Adult Respiratory Distress Syndrome (ARDS)
			vii		Respiratory failure
			viii		Pneumothorax requiring chest tube insertion
			ix		Tracheostomy
			X		Re-intubation
			xi		Other reason, please specify
		C		Cardi	ovascular
			i		Atrial arrhythmias
			ii		Ventricular arrhythmia
			iii		Myocardial Infarction
			iv		Deep Vein Thrombosis/Pulmonary Embolism
			٧	П	Other reason, please specify
		d		Infec	tion
			i	П	Empyema Infection
			ii		Sepsis Infection
			iii		Surgical Site Infections
		е		Neur	ology
			i		Stroke/TIA
			ii		Recurrent Laryngeal Paralysis
			iii		Other reason, please specify
		f			I & Miscellaneous
			i		I: NEW onset renal e requiring CRRT/HD Yes No Not Available Missing
					i 🔲 Bleeding
			ii	Misce	ellaneous ii
					iii
2 *	Patient discharge	O A	liva	O C	Dead Not Available Missing
	status				
		İ	(dd/mm/y	f discha	rge
		ii		f death	
		,	(dd/mm/y		stion.
		iii	Discha	rge loca	Thome Extended Care Not Available
		iv	Readn	nission \	within 30 days
•	Albert 100 less				
3 *	Alive at 30 days after surgery	O A	live	0	Dead Not Available Missing
	-				

Soc	ction 11: Post-Op F	Final Diagnosis								
1*	Date of Specimen	Tinai Diagnosis								
	Taken (Op date) (dd/mm/yyyy)									
2 *	Date of Specimen received (dd/mm/yyyy)									
3 *	Date of HPE reporting (dd/mm/yyyy)									
4 *	Nature of Tumor	↑ Primary ↑ Second								
5 *	Type of Tumor	NSCLC Adenocarcinoma     NSCLC Squamous Cell Carcinoma								
		NSCLC Large Cell Carcinoma								
		NSCLC Non-Specific								
		NSCLC Favor Adenocarcinoma								
		NSCLC Favor Squamous Cell Carcinoma								
		C Small Cell Lung Cancer (SCLC)								
		C Metastatic								
		C Missing								
6 *	Surgical Margin	○ Free ○ Involved ○ Not Available ○ Missing								
7 *	Lymphovascular Invasion	○ Yes ○ No ○ Not Available ○ Missing								
8	Molecular Study	○ Yes ○ No ○ Not Available ○ Missing								
		i Date (dd/mm/yyyy)								
		ii Type i □ EGFR ii □ KRAS Mutation iii □ ALK								
		iv □ ROS-1 v □ BRAF vi □ HER2								
		vii  MET viii  Others, specify								
9 *	Final Diagnosis	a Final Pre-Operative Clinical TNM T N N M								
		b Final Pre-Operative								
		Clinical Staging (auto-generate)  * Refer appendix I								
10 *	Referral to Oncology	i Date of appointment [								
		ii Duration between Pre-op Diagnosis to Oncology Review (Auto-calculate) days								
		iii Duration between Surgery to Oncology Review (Auto-calculate) days								

Lung Cancer Registry

Se	ction 12: Follow up	
1	Number of Follow-up since operation	
2	Post-operative Lung Function Test	a) Date of test (dd/mm/yyyy)
		b) Post-op FEV1 (L)  Liter  c) % Predicted (auto-calculate) %
		d) Post-op FVC (L)  Liter  e) % Predicted (auto-calculate) %
3	Oncological Management	i Surveillance ii
		iii
		iv Targeted Therapy (TKI)
		v
4	Recurrence	○ Yes ○ No ○ Not Available ○ Missing
5 *	Follow up details	a Chest X-ray O Yes O No Not Available
		a) Date
		b CT Thorax O Yes O No O Not Available
		a) Date   -   -
		C PET Scan C Yes No Not Available
		a) Date
		d MRI C Yes C No C Not Available
		a) Date control of the control of th
		e Bronchoscopy C Yes No Not Available
		a) Date [dd/mm/yyyy)
		f Signs Of Recurrence No Not Available
		a) Date (dd/mm/yyyy)
		, -

Remarks / Comments :		