

Lung Cancer Surgery - OPERATIVE MANAGEMENT

- Instructions:
- i) Where check boxes ☐ are provided, check ☒ one or more boxes. Where radio buttons ☐ are provided, check ☒ one box only.
 - ii) Red asterisk (*) indicates the field is mandatory and must be filled.
 - iii) Icon  provides definition of the field. Scroll your cursor over the icon and it will show the definition.

SECTION 1: OUTPATIENT REVIEW

1	* Reporting Centre		
2	Department		
3	* Outpatient Review	☐ Yes ☐ No ☐ Not Available	
	a Review Date		
	b Operable	☐ Yes ☐ No ☐ Not Available	
		Remarks	
	c Resectable	☐ Yes ☐ No ☐ Not Available	
	d Patient Consent	☐ Yes ☐ No ☐ Not Available	
	e Operative Priority	☐ Elective ☐ Urgent ☐ Emergency ☐ Salvage ☐ Not Applicable	

SECTION 2: RESPIRATORY COMPONENTS

Pre-Operative Lung Function Test Performance / Perfusion scan

1	* Numbers of Lung Segments Resected			
2	* Numbers of Lung Segments Obstructed and Not Contributing to Lung Function			
3	* FEV1 (Forced Expiratory Volume in first second)	Preoperative FEV1 (L)	% Predicted (Auto Calculate)	%PPO (Auto Calculate)
		Liter	%	%
4	* DLCO (Diffusing capacity of the lung for carbon monoxide (CO))	Preoperative DLCO (L)	% Predicted (Auto Calculate)	%PPO (Auto Calculate)
		Liter	%	%
5	Perfusion Scan (Pneumonectomy)		Right Lung	Left Lung
	i % Perfusion		%	%
	ii PPO FEV1 postpneumonectomy (Auto Calculate)			
	iii PPO DLCO postpneumonectomy (Auto Calculate)			

SECTION 3: FUNCTIONAL TESTING

1	Exercise Test	☐ Yes ☐ No ☐ Not Available		
2	Rest Saturations on Room Air	%		
3	6 minutes walk test	☐ Yes ☐ No ☐ Not Available		
	a Distance Covered	☐ <100m ☐ 100-200m ☐ 200-300m ☐ 300-400m ☐ >400m		
	b Saturations after 6 minutes Walk Test	%		
	c Total Reduction of saturation (Auto Calculate)	%		
	d Is there any reduction of saturation >4%	☐ Yes ☐ No ☐ Not Available		
4	Incremental Shuttle Walk Test	☐ Yes ☐ No ☐ Not Available		
5	Flight Climbing Test	☐ Yes ☐ No ☐ Not Available		
6	Cardiopulmonary Exercise Testing	☐ Yes ☐ No ☐ Not Available		
7	V02 Max Actual Value	(mls/kg/min)		

SECTION 4: THORACOSCORE (The Thoracic Surgery Scoring System)

1	* ASA Physical Status Classification System	☐ A normal healthy patient ☐ A patient with mild systemic disease ☐ A patient with severe systemic disease ☐ A 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		
2	Scoring Details (Auto Calculate)			

Patient related factors	Value	Score
Age (years)		
Gender		
ASA Classification		
Performance Status Classification		
Dyspnea score		
Priority of surgery		
Procedure class		
Diagnosis group		
Comorbidity Score		
Thoracoscure - Predicted Death Rate		%

SECTION 5: OPERATION DETAILS

1 *	Operation Date				
2	Surgical Team	* Consultant Surgeon		Anaesthetist 1	
		* Surgeon		Anaesthetist 2	
		Assistant Surgeon 1		Surgical Assistant	
		Assistant Surgeon 2			

SECTION 6: OPERATIONS

SECTION 6a: Therapeutic Surgery

1 *	Video Assisted Thoracoscopic Surgery (VATS)	☐ Yes	☐ No	☐ Not Available
2 *	Uniportal VATS	☐ Yes	☐ No	☐ Not Available
3 *	Conversion VATS – Open Method	☐ Yes	☐ No	☐ Not Available
4 *	Lung Resection	☐ Yes	☐ No	☐ Not Available
		i *	Primary Lung Cancer	☐ Yes ☐ No ☐ Not Available
		ii *	Secondary Lung Cancer	☐ Yes ☐ No ☐ Not Available
		iii *	Procedure list	☐ Pneumonectomy ☐ a. Pneumonectomy ☐ Primary ☐ Completion
				☐ Bilobectomy ☐ a. Bilobectomy ☐ Primary ☐ Completion ☐ b. Lobe ☐ Right Upper Middle ☐ Right Lower Middle
				☐ Lobectomy ☐ a. Lobectomy ☐ Primary ☐ Completion ☐ b. Lobe ☐ Right Upper ☐ Right Middle ☐ Right Lower ☐ Left Upper ☐ Left Lower
				☐ Sleeve Lobectomy - Bronchial Sleeve ☐ Sleeve Lobectomy - Vascular Sleeve ☐ Segmentectomy, specify
				☐ Wedge Resection ☐ Exploratory Thoracotomy (Open & Shut) ☐ Metastectomy ☐ Chest Wall Resection +/- Reconstruction ☐ Lymph Node Management - Dissection ☐ Lymph Node Management - Sampling ☐ Tracheal Resection ☐ Frozen Section ☐ Other procedure, specify

SECTION 6b: Diagnostic Surgery

5 *	Media stinotomy	☐ Yes	☐ No	☐ Not Available
6 *	Media stinoscopy	☐ Yes	☐ No	☐ Not Available
7 *	VATS Biopsy	☐ Yes	☐ No	☐ Not Available
8	Site, specify			

SECTION 7: POST OPERATION

1 *	Post operative Events / Complications	☐ Yes ☐ No ☐ Not Available			
		If Yes, click one or more of the following selections			
		☐	Unexpected Return to OR ☐ Bleeding ☐ Empyema ☐ Airleak ☐ Other reason, please specify		
		☐	Pulmonary ☐ Persistent air leak more than 5 days ☐ Broncho Pleural Fistula (BPF) ☐ Atelectasis requiring bronchoscopy ☐ Pleural effusion requiring drainage ☐ Pneumonia ☐ Adult Respiratory Distress Syndrome (ARDS) ☐ Respiratory failure ☐ Pneumothorax requiring chest tube insertion ☐ Tracheostomy ☐ Re-intubation ☐ Other reason, please specify		
		☐	Cardiovascular ☐ Atrial arrhythmias ☐ Ventricular arrhythmia ☐ Myocardial Infarction ☐ Deep Vein Thrombosis/Pulmonary Embolism ☐ Other reason, please specify		
		☐	Infection ☐ Empyema Infection ☐ Sepsis Infection ☐ Surgical Site Infections		
		☐	Neurology ☐ Stroke/TIA ☐ Recurrent Laryngeal Paralysis ☐ Other reason, please specify		
		☐	Renal & Miscellaneous i Renal: NEW onset renal failure Requiring CRRT/HD ☐ Yes ☐ No ☐ Not Available ii Miscellaneous ☐ Chylothorax ☐ Specify Other miscellaneous reason		
		2 *	Patient discharge status	☐ Alive ☐ Dead ☐ Not Available	
				i	Date of discharge / death
ii	Discharge location ☐ Home ☐ Extended Care				
iii	Readmission within 30 days ☐ Yes ☐ No ☐ Not Available i Date of readmission				
3 *	Alive at 30 days after surgery	☐ Yes ☐ No ☐ Not Available			