

BioGrid Australia
BioGrid Australia

ANZTHOR

PID 23

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📖 Data Dictionary Codebook

11/11/2022 14:54

^ Collapse all instruments

	#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instrument: Patient Demographics (patient_demographics) ^ Collapse				
	1	study_id	Study ID <i>A unique patient-specific identifier for the ANZTHOR Database. Automatically assigned.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"
	2	ur	UR Number <i>Record the unique medical record number of the patient at the hospital where the index operation was performed.</i>	text, Required, Identifier Field Annotation: @FIELD-NOTES-DISPLAY="hover"
	3	lname	Section Header: <i>Contact Information</i> Last Name <i>Record the last name (surname) of the patient including hyphens (-), apostrophes (') and spaces.</i>	text, Required, Identifier Field Annotation: @FIELD-NOTES-DISPLAY="hover"
	4	fname	First Name <i>Record the first name (Christian name/given name) of the patient including hyphens (-), apostrophes (') and spaces.</i>	text, Required, Identifier Field Annotation: @FIELD-NOTES-DISPLAY="hover"
	5	mname	Middle Name <i>Record the middle name of the patient, including hyphens (-), apostrophes (') and spaces.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"

	6	dob	Date of birth <i>Record the date of birth of the patient.</i>	text (date_dmy), Required, Identifier Field Annotation: @HIDEBUTTON @FIELD-NOTES-DISPLAY="hover"																						
	7	sex	Sex <i>Record the patient's sex at birth.</i>	radio, Required <table border="1"><tr><td>0</td><td>Female</td></tr><tr><td>1</td><td>Male</td></tr><tr><td>99</td><td>Other</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	Female	1	Male	99	Other																
0	Female																									
1	Male																									
99	Other																									
	8	address	Address <i>Record the street number, name and type of the patient's residence.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"																						
	9	suburb	Suburb <i>Record the suburb of the patient's residence.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"																						
	10	state	State or Territory <i>Indicate the state of the patient's residence.</i>	dropdown (autocomplete) <table border="1"><tr><td>1</td><td>NSWNew South Wales</td></tr><tr><td>2</td><td>VICVictoria</td></tr><tr><td>3</td><td>QLDQueensland</td></tr><tr><td>4</td><td>SASouth Australia</td></tr><tr><td>5</td><td>WAWestern Australia</td></tr><tr><td>6</td><td>TASTasmania</td></tr><tr><td>7</td><td>NTNorthern Territory</td></tr><tr><td>8</td><td>ACTAustralian Capital Territory</td></tr><tr><td>9</td><td>AATAustralian Antarctic Territory</td></tr><tr><td>10</td><td>NZNew Zealand</td></tr><tr><td>99</td><td>Other/International</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	NSWNew South Wales	2	VICVictoria	3	QLDQueensland	4	SASouth Australia	5	WAWestern Australia	6	TASTasmania	7	NTNorthern Territory	8	ACTAustralian Capital Territory	9	AATAustralian Antarctic Territory	10	NZNew Zealand	99	Other/International
1	NSWNew South Wales																									
2	VICVictoria																									
3	QLDQueensland																									
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5	WAWestern Australia																									
6	TASTasmania																									
7	NTNorthern Territory																									
8	ACTAustralian Capital Territory																									
9	AATAustralian Antarctic Territory																									
10	NZNew Zealand																									
99	Other/International																									

	11	pcode	Postcode <i>Record the postcode of the patient's residence.</i>	text (integer, Min: 800, Max: 9999), Required, Identifier Custom alignment: RH Field Annotation: @FIELD-NOTES-DISPLAY="hover"										
	12	phone1	Primary Phone Number <i>Record the contact phone number of the patient.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"										
	13	phone2	Secondary Phone Number <i>Record the secondary contact phone number of the patient.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"										
	14	email	Email Address <i>Record the email address of the patient.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"										
	15	insur	Insurance Status <i>Indicate the patient's insurance status. Select the most accurate option.</i>	dropdown (autocomplete) <table><tr><td>1</td><td>Public / Govt</td></tr><tr><td>2</td><td>Private / DVA</td></tr><tr><td>3</td><td>Self insured</td></tr><tr><td>4</td><td>Overseas</td></tr><tr><td>99</td><td>Other</td></tr></table> Custom alignment: RH Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Public / Govt	2	Private / DVA	3	Self insured	4	Overseas	99	Other
1	Public / Govt													
2	Private / DVA													
3	Self insured													
4	Overseas													
99	Other													
	16	uhi	Unique Patient Health System Identifier <i>The unique identifier for the country the procedure is undertaken in.</i>	radio <table><tr><td>1</td><td>Australia</td></tr><tr><td>2</td><td>New Zealand</td></tr><tr><td>3</td><td>Not registered</td></tr><tr><td>99</td><td>Other</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Australia	2	New Zealand	3	Not registered	99	Other		
1	Australia													
2	New Zealand													
3	Not registered													
99	Other													
	17	uhi_medc Show the field ONLY if: [uhi] = '1'	Medicare number <i>Patient's Medicare Number, if having treatment in Australia. DVA, ADF personnel may have no Medicare number.</i>	text (integer) Field Annotation: @FIELD-NOTES-DISPLAY="hover"										

18	uhi_nhi Show the field ONLY if: [uhi] = '2'	National Health Index number <i>The unique identifier for the country the procedure is undertaken in.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"						
19	uhi_oth Show the field ONLY if: [uhi] = '99'	Other Identifier <i>Identifier for those patients treated in Australia, who are not registered under Medicare. DVA number, ADF number, US Social security etc.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"						
20	indig Show the field ONLY if: [user-dag-id] = 8 or 9 or 11 or 13	Does the patient identify as indigenous to Australia?	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Custom alignment: RH Field Annotation: @DEFAULT='0'	1	Yes	0	No		
1	Yes								
0	No								
21	indig_atsi Show the field ONLY if: [indig]=1	Is the person of Aboriginal or Torres Strait Islander origin? (For persons of both Aboriginal and Torres Strait Islander origin, mark both 'Yes' boxes.)	checkbox, Required <table><tr><td>1</td><td>indig_atsi__1</td><td>Yes, Aboriginal</td></tr><tr><td>2</td><td>indig_atsi__2</td><td>Yes, Torres Strait Islander</td></tr></table> Custom alignment: RH	1	indig_atsi__1	Yes, Aboriginal	2	indig_atsi__2	Yes, Torres Strait Islander
1	indig_atsi__1	Yes, Aboriginal							
2	indig_atsi__2	Yes, Torres Strait Islander							
22	indig_nz Show the field ONLY if: [user-dag-id] = 19	Does the patient identify as indigenous to New Zealand?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Custom alignment: RH	1	Yes	0	No		
1	Yes								
0	No								
23	comments	Section Header: <i>General Comments</i> Comments	notes						
24	patient_demographics_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								

Instrument: **Admission Data** (admission_data)

Collapse

Instrument: **Admission Data** (admission_data)[^ Collapse](#)

	25	doa	Admission Date <i>On what date was the patient admitted/transferred to the hospital where the surgery was performed?</i>	text (date_dmy), Required Field Annotation: @FIELD-NOTES-DISPLAY="hover"				
	26	dosa	Elective Day of Surgery Admit <i>Was the patient admitted electively to the acute hospital in which the surgery was to be performed on the same day as the procedure? Calculated field.</i>	calc Calculation: if ([dop][first-instance]-[doa] > 0, 0, 1) Field Annotation: @FIELD-NOTES-DISPLAY="hover"				
	27	age	Age (years) <i>Calculated age in years, at time of surgery.</i>	calc Calculation: roundup(datediff([doa], [demographics_arm_1][dob], "y", "dmy"), 1) Field Annotation: @DEFAULT=roundup(datediff("today", [demographics_arm_1][dob], "y", "dmy"), 1) @FIELD-NOTES-DISPLAY="hover"				
	28	lcs	Section Header: This section determines if patient data is required for the mandatory lung cancer data module. All patients operated on for suspected or proven lung cancer must have their diagnostic; operative; pathologic and post-operative outcome data logged. For other cases either proceed to the appropriate module or enter next patient's data. Is this a lung resection for lung cancer, suspected or proven pre-operatively? <i>Indicate if the index operation was performed for a biopsy proven lung cancer, or primary lung cancer is a major differential. Includes carcinoid and mucoepidermoid tumours</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No
1	Yes							
0	No							
	29	ben_dx Show the field ONLY if: [lcs] = '1'	Was the final diagnosis benign or non-related malignancy? <i>Include lymphoma or unexpected metastases not for curative therapy</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No
1	Yes							
0	No							
	30	nslc_pall Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Is this procedure palliative or for tissue confirmation?	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No
1	Yes							
0	No							
	31	goto_surgery Show the field ONLY if: [lcs] = '1' and [nslc_pall] = '0'	Complete the operative and post-operative outcome data on this patient as this procedure qualifies for mandatory audit.	descriptive				

	32	not_audit Show the field ONLY if: [lcs] = '0' or [nslc_pall] = '1'	Mandatory data is not required for this patient. For extended data sets; or for palliative or tissue diagnosis of metastatic lung cancer continue to relevant modules	descriptive																		
	33	benign Show the field ONLY if: [ben_dx] = '1'	Benign or non-primary pulmonary malignancy	radio, Required <table><tr><td>1</td><td>Hamartoma</td></tr><tr><td>2</td><td>Pulmonary Infarct</td></tr><tr><td>3</td><td>Infective lesion</td></tr><tr><td>4</td><td>Haematological lesion</td></tr><tr><td>5</td><td>Benign tumour, NOS</td></tr><tr><td>6</td><td>Non-pulmonary malignancy, NOS</td></tr><tr><td>7</td><td>Inflammatory process</td></tr><tr><td>9</td><td>Pulmonary malignancy, relapsed</td></tr><tr><td>8</td><td>Other</td></tr></table>	1	Hamartoma	2	Pulmonary Infarct	3	Infective lesion	4	Haematological lesion	5	Benign tumour, NOS	6	Non-pulmonary malignancy, NOS	7	Inflammatory process	9	Pulmonary malignancy, relapsed	8	Other
1	Hamartoma																					
2	Pulmonary Infarct																					
3	Infective lesion																					
4	Haematological lesion																					
5	Benign tumour, NOS																					
6	Non-pulmonary malignancy, NOS																					
7	Inflammatory process																					
9	Pulmonary malignancy, relapsed																					
8	Other																					
	34	ben_inf Show the field ONLY if: [benign] = '3'	Specify organism	radio <table><tr><td>0</td><td>Mycobacterium - TB</td></tr><tr><td>1</td><td>Mycobacterium - non-TB</td></tr><tr><td>2</td><td>Bacterial</td></tr><tr><td>3</td><td>Fungus or Yeast</td></tr><tr><td>4</td><td>Other</td></tr></table>	0	Mycobacterium - TB	1	Mycobacterium - non-TB	2	Bacterial	3	Fungus or Yeast	4	Other								
0	Mycobacterium - TB																					
1	Mycobacterium - non-TB																					
2	Bacterial																					
3	Fungus or Yeast																					
4	Other																					
	35	ben_oth Show the field ONLY if: [benign] = '8'	Specify other diagnosis	text																		
	36	admission_data_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete												
0	Incomplete																					
1	Unverified																					
2	Complete																					

Instrument: Preoperative Evaluation (preoperative_evaluation)					^ Collapse							
	37	ht	Section Header: <i>Baseline Measurements</i> Height <i>Patient height in cm</i>	text (number) Field Annotation: @DEFAULT="[ht][previous-instance][ht]"								
	38	wt	Weight <i>Patient weight in kg</i>	text (number) Field Annotation: @DEFAULT="[wt][previous-instance][wt]"								
	39	uwl	Unintentional Weight Loss <i>Unintentional loss of greater than or equal to 10% total body weight in last 3 months.</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[uwl:value][previous-instance][uwl]" @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No				
1	Yes											
0	No											
	40	bmi Show the field ONLY if: [ht] <> "" AND [wt] <> ""	BMI <i>Calculated value</i>	calc Calculation: roundup([wt]*10000/([ht]*[ht]), 1)								
	41	uwl_kg Show the field ONLY if: [uwl] = '1'	Weight loss in kg	text (number, Min: 1, Max: 50) Field Annotation: @DEFAULT="[uwl_kg][previous-instance][uwl_kg]"								
	42	uwl_pc Show the field ONLY if: [wt] <> "" and [uwl] = '1'	Percentage Weight Loss <i>Calculated value.</i>	calc Calculation: roundup([uwl_kg]/([wt]+[uwl_kg])*100, 1)								
	43	smo_h	Smoking History <i>Does the patient have a history confirming any form of tobacco use in the past?</i>	radio, Required <table><tr><td>0</td><td>Never smoked</td></tr><tr><td>1</td><td>Ex-smoker (stopped > 1 month prior to surgery)</td></tr><tr><td>2</td><td>Current smoker</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @DEFAULT="[smo_h:value][previous-instance][smo_h]" @FIELD-NOTES-DISPLAY="hover"	0	Never smoked	1	Ex-smoker (stopped > 1 month prior to surgery)	2	Current smoker	-1	Unknown
0	Never smoked											
1	Ex-smoker (stopped > 1 month prior to surgery)											
2	Current smoker											
-1	Unknown											

44	smo_pkyrhx Show the field ONLY if: [smo_h] = '1' or [smo_h] = '2'	Pack-Year History <i>Years x Packs/Day. Smoking history in number of pack-years.</i>	text (number, Min: 0, Max: 200) Field Annotation: @DEFAULT="[smo_pkyrhx][previous-instance][smo_pkyrhx]" @FIELD-NOTES-DISPLAY="hover"																		
45	ecog	ECOG score	radio, Required <table><tr><td>0</td><td>0 = Fully active</td></tr><tr><td>1</td><td>1 = Restricted but ambulatory, able to carry out light work</td></tr><tr><td>2</td><td>2 = Ambulatory, self-caring, < 50% daylight hours in bed</td></tr><tr><td>3</td><td>3 = Limited self-care, ? 50% daylight hours in bed/chair</td></tr><tr><td>4</td><td>4 = Completely disabled, no self-care</td></tr><tr><td>5</td><td>5 = Dead</td></tr></table> Custom alignment: LV Field Annotation: @DEFAULT"[ecog:value][previous-instance][ecog]"	0	0 = Fully active	1	1 = Restricted but ambulatory, able to carry out light work	2	2 = Ambulatory, self-caring, < 50% daylight hours in bed	3	3 = Limited self-care, ? 50% daylight hours in bed/chair	4	4 = Completely disabled, no self-care	5	5 = Dead						
0	0 = Fully active																				
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2	2 = Ambulatory, self-caring, < 50% daylight hours in bed																				
3	3 = Limited self-care, ? 50% daylight hours in bed/chair																				
4	4 = Completely disabled, no self-care																				
5	5 = Dead																				
46	pulhx	Section Header: <i>Comorbidites</i> Pulmonary Disease History <i>Diagnosis of COPD, according to the GOLD criteria or documented by a respiratory physician. Check all that apply.</i>	checkbox, Required <table><tr><td>0</td><td>pulhx__0</td><td>None</td></tr><tr><td>1</td><td>pulhx__1</td><td>Chronic Obstructive Airways Disease (GOLD)</td></tr><tr><td>2</td><td>pulhx__2</td><td>Interstitial Fibrosis / Interstitial Lung Disease (STS)</td></tr><tr><td>3</td><td>pulhx__3</td><td>Bronchiectasis</td></tr><tr><td>4</td><td>pulhx__4</td><td>Obstructive Sleep Apnoea</td></tr><tr><td>99</td><td>pulhx__99</td><td>Other Lung Disease</td></tr></table> Field Annotation: @DEFAULT="[pulhx:value][previous-instance][pulhx]" @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"	0	pulhx__0	None	1	pulhx__1	Chronic Obstructive Airways Disease (GOLD)	2	pulhx__2	Interstitial Fibrosis / Interstitial Lung Disease (STS)	3	pulhx__3	Bronchiectasis	4	pulhx__4	Obstructive Sleep Apnoea	99	pulhx__99	Other Lung Disease
0	pulhx__0	None																			
1	pulhx__1	Chronic Obstructive Airways Disease (GOLD)																			
2	pulhx__2	Interstitial Fibrosis / Interstitial Lung Disease (STS)																			
3	pulhx__3	Bronchiectasis																			
4	pulhx__4	Obstructive Sleep Apnoea																			
99	pulhx__99	Other Lung Disease																			

47	pulhx_copd_t Show the field ONLY if: [pulhx(1)] = '1'	COPD severity Based on GOLD criteria in patients with FEV1/FVC< 0.7.	radio, Required <table><tr><td>1</td><td>Mild</td></tr><tr><td>2</td><td>Moderate</td></tr><tr><td>3</td><td>Severe</td></tr><tr><td>4</td><td>Very severe</td></tr></table> Field Annotation: @DEFAULT"[pulhx_copd_t:value][previous-instance][pulhx_copd_t]" @FIELD-NOTES-DISPLAY="hover"	1	Mild	2	Moderate	3	Severe	4	Very severe																									
1	Mild																																			
2	Moderate																																			
3	Severe																																			
4	Very severe																																			
48	pulhx_oth_t Show the field ONLY if: [pulhx(99)] = '1'	Specify other lung disease	text Field Annotation: @DEFAULT="[pulhx_oth_t][previous-instance][pulhx_oth_t]"																																	
49	cvhx	Cardiovascular History Check all that apply	checkbox, Required <table><tr><td>0</td><td>cvhx__0</td><td>None</td></tr><tr><td>1</td><td>cvhx__1</td><td>Systemic Hypertension</td></tr><tr><td>2</td><td>cvhx__2</td><td>Congestive Heart Failure</td></tr><tr><td>3</td><td>cvhx__3</td><td>Coronary Artery Disease</td></tr><tr><td>4</td><td>cvhx__4</td><td>Myocardial Infarction</td></tr><tr><td>5</td><td>cvhx__5</td><td>Cerebrovascular Disease</td></tr><tr><td>6</td><td>cvhx__6</td><td>Atrial Fibrillation in last year</td></tr><tr><td>7</td><td>cvhx__7</td><td>Valvular Heart Disease</td></tr><tr><td>8</td><td>cvhx__8</td><td>Peripheral Vascular Disease</td></tr><tr><td>9</td><td>cvhx__9</td><td>DVT and/or Pulmonary Embolism</td></tr><tr><td>10</td><td>cvhx__10</td><td>Pulmonary Hypertension</td></tr></table> Field Annotation: @DEFAULT="[cvhx:value][previous-instance][cvhx]" @NONEOF THE ABOVE = '0'	0	cvhx__0	None	1	cvhx__1	Systemic Hypertension	2	cvhx__2	Congestive Heart Failure	3	cvhx__3	Coronary Artery Disease	4	cvhx__4	Myocardial Infarction	5	cvhx__5	Cerebrovascular Disease	6	cvhx__6	Atrial Fibrillation in last year	7	cvhx__7	Valvular Heart Disease	8	cvhx__8	Peripheral Vascular Disease	9	cvhx__9	DVT and/or Pulmonary Embolism	10	cvhx__10	Pulmonary Hypertension
0	cvhx__0	None																																		
1	cvhx__1	Systemic Hypertension																																		
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9	cvhx__9	DVT and/or Pulmonary Embolism																																		
10	cvhx__10	Pulmonary Hypertension																																		

50	cvhx_cvat Show the field ONLY if: [cvhx(5)] = '1'	Cerebrovascular disease type <i>Indicate the most severe type of cerebrovascular disease (CVD) the patient has from the list .</i>	radio <table><tr><td>1</td><td>Coma</td></tr><tr><td>2</td><td>CVA</td></tr><tr><td>3</td><td>RIND/TIA</td></tr><tr><td>4</td><td>Carotid Test</td></tr></table> Field Annotation: @DEFAULT="[cvhx_cvat:value] [previous-instance][cvhx_cvat]" @FIELD-NOTES-DISPLAY="hover"	1	Coma	2	CVA	3	RIND/TIA	4	Carotid Test										
1	Coma																				
2	CVA																				
3	RIND/TIA																				
4	Carotid Test																				
51	cvhx_dvtpe_6m	Was the DVT or PE within the last 6 months?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[cvhx_dvtpe_6m:value] [previous-instance][cvhx_dvtpe_6m]"	1	Yes	0	No														
1	Yes																				
0	No																				
52	phx_neuro	Neurological symptoms present <i>Indicate if the patient has any neurologic symptoms the surgeon attributes to the cancer being treated</i>	radio, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @HIDDEN	1	Yes	2	No	-1	Unknown												
1	Yes																				
2	No																				
-1	Unknown																				
53	phx_mis	Miscellaneous Comorbidities <i>Check all that apply</i>	checkbox, Required <table><tr><td>0</td><td>phx_mis__0</td><td>None</td></tr><tr><td>1</td><td>phx_mis__1</td><td>Diabetes</td></tr><tr><td>2</td><td>phx_mis__2</td><td>Myasthenia Gravis</td></tr><tr><td>3</td><td>phx_mis__3</td><td>Liver Dysfunction</td></tr><tr><td>4</td><td>phx_mis__4</td><td>Renal Dialysis</td></tr><tr><td>99</td><td>phx_mis__99</td><td>Other</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0'	0	phx_mis__0	None	1	phx_mis__1	Diabetes	2	phx_mis__2	Myasthenia Gravis	3	phx_mis__3	Liver Dysfunction	4	phx_mis__4	Renal Dialysis	99	phx_mis__99	Other
0	phx_mis__0	None																			
1	phx_mis__1	Diabetes																			
2	phx_mis__2	Myasthenia Gravis																			
3	phx_mis__3	Liver Dysfunction																			
4	phx_mis__4	Renal Dialysis																			
99	phx_mis__99	Other																			

	54	phx_mis_oth Show the field ONLY if: [phx_mis(99)] = '1'	Specify	text Field Annotation: @DEFAULT="[phx_mis_oth][previous-instance][phx_mis_oth]"														
	55	phx_dmt Show the field ONLY if: [phx_mis(1)] = '1'	Diabetes Control <i>Indicate the most aggressive diabetes control therapy at the time of surgery from the options .</i>	radio, Required <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Diet</td></tr><tr><td>2</td><td>Oral</td></tr><tr><td>3</td><td>Other Subcutaneous</td></tr><tr><td>4</td><td>Insulin</td></tr><tr><td>99</td><td>Other</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @DEFAULT="[phx_dmt:value][previous-instance][phx_dmt]" @FIELD-NOTES-DISPLAY="hover"	0	None	1	Diet	2	Oral	3	Other Subcutaneous	4	Insulin	99	Other	-1	Unknown
0	None																	
1	Diet																	
2	Oral																	
3	Other Subcutaneous																	
4	Insulin																	
99	Other																	
-1	Unknown																	
	56	mdt_discussion Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Section Header: <i>Cancer History</i> Was this case discussed in a multidisciplinary team meeting prior to resection? <i>Discussed with 1 or more non-surgical lung cancer specialists</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[mdt_discussion:value][previous-instance][mdt_discussion]"	1	Yes	0	No										
1	Yes																	
0	No																	
	57	hcan_co Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Co-existing Cancer <i>Indicate if the patient is being treated or surveyed for an active malignancy not related to the thoracic disease being evaluated and treated by the thoracic surgeons.</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[hcan_co:value][previous-instance][hcan_co]" @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No										
1	Yes																	
0	No																	

58	hcan_cot Show the field ONLY if: [hcan_co] = '1'	Cancer Type Define the organ system the coexisting cancer involves.	radio <table><tr><td>0</td><td>Bone and Soft Tissue</td></tr><tr><td>1</td><td>Breast</td></tr><tr><td>2</td><td>Colorectal</td></tr><tr><td>3</td><td>Gynaecological</td></tr><tr><td>4</td><td>Haematological</td></tr><tr><td>5</td><td>Head and Neck</td></tr><tr><td>6</td><td>Lung and Pleura</td></tr><tr><td>7</td><td>Neurological</td></tr><tr><td>8</td><td>Skin and Melanoma</td></tr><tr><td>9</td><td>Thymic</td></tr><tr><td>10</td><td>Upper Gastrointestinal / HPB</td></tr><tr><td>11</td><td>Urological</td></tr><tr><td>12</td><td>Endocrine</td></tr><tr><td>99</td><td>Other</td></tr></table> Field Annotation: @DEFAULT="[hcan_cot:value] [previous-instance][hcan_cot]" @FIELD-NOTES-DISPLAY="hover"	0	Bone and Soft Tissue	1	Breast	2	Colorectal	3	Gynaecological	4	Haematological	5	Head and Neck	6	Lung and Pleura	7	Neurological	8	Skin and Melanoma	9	Thymic	10	Upper Gastrointestinal / HPB	11	Urological	12	Endocrine	99	Other
0	Bone and Soft Tissue																														
1	Breast																														
2	Colorectal																														
3	Gynaecological																														
4	Haematological																														
5	Head and Neck																														
6	Lung and Pleura																														
7	Neurological																														
8	Skin and Melanoma																														
9	Thymic																														
10	Upper Gastrointestinal / HPB																														
11	Urological																														
12	Endocrine																														
99	Other																														
59	hcan_psysth Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Pre-op Systemic Cancer Therapy Undergone systemic cancer therapy at any time. This includes chemotherapy, immunotherapy, TKI and targeted therapy.	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[hcan_psysth:value] [previous-instance][hcan_psysth]" @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No																								
1	Yes																														
0	No																														

60	hcan_psysthr Show the field ONLY if: [hcan_psysth] = '1'	Reason for therapy Reason for systemic cancer therapy - related to the index lesion, or unrelated.	radio, Required <table><tr><td>1</td><td>Same Disease</td></tr><tr><td>2</td><td>Unrelated Disease</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @DEFAULT="[hcan_psysthr:value] [previous-instance][hcan_psysthr]" @FIELD-NOTES-DISPLAY="hover"	1	Same Disease	2	Unrelated Disease	-1	Unknown
1	Same Disease								
2	Unrelated Disease								
-1	Unknown								
61	hcan_psystht Show the field ONLY if: [hcan_psysth] = '1'	Pre-op Systemic Cancer Therapy Timing Time systemic cancer therapy was last given.	radio, Required <table><tr><td>1</td><td>< = 6 months</td></tr><tr><td>2</td><td>> 6 months</td></tr></table> Field Annotation: @DEFAULT="[hcan_psystht:value] [previous-instance][hcan_psystht]" @FIELD-NOTES-DISPLAY="hover"	1	< = 6 months	2	> 6 months		
1	< = 6 months								
2	> 6 months								
62	hcan_pxrth Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Pre-op Thoracic Radiation Therapy Indicate if the patient has received preoperative radiation therapy to the chest for any reason prior to this operation.	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[hcan_pxrth:value] [previous-instance][hcan_pxrth]" @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No		
1	Yes								
0	No								
63	hcan_pxrthr Show the field ONLY if: [hcan_pxrth] = '1'	Reason for Radiotherapy Reason for radiation therapy - related to the index lesion, or unrelated.	radio, Required <table><tr><td>1</td><td>Same Disease</td></tr><tr><td>2</td><td>Unrelated Disease</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @DEFAULT="[hcan_pxrthr:value] [previous-instance][hcan_pxrthr]" @FIELD-NOTES-DISPLAY="hover"	1	Same Disease	2	Unrelated Disease	-1	Unknown
1	Same Disease								
2	Unrelated Disease								
-1	Unknown								

64	hcan_pxrtht Show the field ONLY if: [hcan_pxrth] = '1'	Timing of Radiotherapy Timing chest radiation therapy was given.	radio <table><tr><td>1</td><td>< = 6 months</td></tr><tr><td>2</td><td>> 6 months</td></tr></table> Field Annotation: @DEFAULT="[hcan_pxrtht:value][previous-instance][hcan_pxrtht]" @FIELD-NOTES-DISPLAY="hover"	1	< = 6 months	2	> 6 months											
1	< = 6 months																	
2	> 6 months																	
65	hctssx	Section Header: Prior Surgical History Prior Cardiothoracic Surgery	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[hctssx:value][previous-instance][hctssx]"	1	Yes	0	No											
1	Yes																	
0	No																	
66	hctssx_acc Show the field ONLY if: [hctssx] = '1'	Access Type Access incision/approach for previous cardiothoracic surgery. Check all that apply.	checkbox, Required <table><tr><td>1</td><td>hctssx_acc__1</td><td>Sternotomy</td></tr><tr><td>2</td><td>hctssx_acc__2</td><td>Minimally Invasive (includes robotic)</td></tr><tr><td>3</td><td>hctssx_acc__3</td><td>Thoracotomy</td></tr><tr><td>4</td><td>hctssx_acc__4</td><td>Cervical</td></tr><tr><td>5</td><td>hctssx_acc__5</td><td>Endobronchial</td></tr></table> Field Annotation: @DEFAULT="[hctssx_acc:value][previous-instance][hctssx_acc]" @FIELD-NOTES-DISPLAY="hover"	1	hctssx_acc__1	Sternotomy	2	hctssx_acc__2	Minimally Invasive (includes robotic)	3	hctssx_acc__3	Thoracotomy	4	hctssx_acc__4	Cervical	5	hctssx_acc__5	Endobronchial
1	hctssx_acc__1	Sternotomy																
2	hctssx_acc__2	Minimally Invasive (includes robotic)																
3	hctssx_acc__3	Thoracotomy																
4	hctssx_acc__4	Cervical																
5	hctssx_acc__5	Endobronchial																

67	cts_side Show the field ONLY if: [hctssx_acc(2)] = '1' or [hctssx_acc(3)] = '1'	Laterality of previous surgery Describe the laterality of previous cardiothoracic surgery.	radio, Required <table><tr><td>1</td><td>Right</td></tr><tr><td>2</td><td>Left</td></tr><tr><td>3</td><td>Bilateral</td></tr><tr><td>4</td><td>Midline</td></tr></table> Field Annotation: @DEFAULT="[cts_side:value][previous-instance][cts_side]" @FIELD-NOTES-DISPLAY="hover"	1	Right	2	Left	3	Bilateral	4	Midline													
1	Right																							
2	Left																							
3	Bilateral																							
4	Midline																							
68	hctssx_loc Show the field ONLY if: [hctssx] = '1'	Surgical Site Indicate the location(s) in the chest that were the targets of previous operations. Check all that apply.	checkbox, Required <table><tr><td>1</td><td>hctssx_loc__1</td><td>Cardiac</td></tr><tr><td>2</td><td>hctssx_loc__2</td><td>Pleural</td></tr><tr><td>3</td><td>hctssx_loc__3</td><td>Pulmonary</td></tr><tr><td>4</td><td>hctssx_loc__4</td><td>Chest Wall</td></tr><tr><td>5</td><td>hctssx_loc__5</td><td>Mediastinal</td></tr><tr><td>6</td><td>hctssx_loc__6</td><td>Diaphragm</td></tr><tr><td>7</td><td>hctssx_loc__7</td><td>Tracheobronchial</td></tr></table> Field Annotation: @DEFAULT="[hctssx_loc:value][previous-instance][hctssx_loc]" @FIELD-NOTES-DISPLAY="hover"	1	hctssx_loc__1	Cardiac	2	hctssx_loc__2	Pleural	3	hctssx_loc__3	Pulmonary	4	hctssx_loc__4	Chest Wall	5	hctssx_loc__5	Mediastinal	6	hctssx_loc__6	Diaphragm	7	hctssx_loc__7	Tracheobronchial
1	hctssx_loc__1	Cardiac																						
2	hctssx_loc__2	Pleural																						
3	hctssx_loc__3	Pulmonary																						
4	hctssx_loc__4	Chest Wall																						
5	hctssx_loc__5	Mediastinal																						
6	hctssx_loc__6	Diaphragm																						
7	hctssx_loc__7	Tracheobronchial																						

69	preop_med	Notable Pre-Operative Therapy <i>Check all that apply</i>	<table><tr><td colspan="3">checkbox, Required</td></tr><tr><td>0</td><td>preop_med__0</td><td>None</td></tr><tr><td>1</td><td>preop_med__1</td><td>Chronic Immunosuppressive Therapy</td></tr><tr><td>2</td><td>preop_med__2</td><td>Chronic anticoagulation (other than aspirin)</td></tr><tr><td>3</td><td>preop_med__3</td><td>Home oxygen</td></tr></table> Field Annotation: @DEFAULT="[preop_med:value][previous-instance][preop_med]" @NONEOFTHEABOVE = '0'	checkbox, Required			0	preop_med__0	None	1	preop_med__1	Chronic Immunosuppressive Therapy	2	preop_med__2	Chronic anticoagulation (other than aspirin)	3	preop_med__3	Home oxygen
checkbox, Required																		
0	preop_med__0	None																
1	preop_med__1	Chronic Immunosuppressive Therapy																
2	preop_med__2	Chronic anticoagulation (other than aspirin)																
3	preop_med__3	Home oxygen																
70	psych	Psychiatric conditions <i>Check all that apply</i>	<table><tr><td colspan="3">checkbox</td></tr><tr><td>0</td><td>psych__0</td><td>None</td></tr><tr><td>1</td><td>psych__1</td><td>Dementia</td></tr><tr><td>2</td><td>psych__2</td><td>Major Psychiatric Disorder</td></tr><tr><td>99</td><td>psych__99</td><td>Neurocognitive, other</td></tr></table> Field Annotation: @HIDDEN	checkbox			0	psych__0	None	1	psych__1	Dementia	2	psych__2	Major Psychiatric Disorder	99	psych__99	Neurocognitive, other
checkbox																		
0	psych__0	None																
1	psych__1	Dementia																
2	psych__2	Major Psychiatric Disorder																
99	psych__99	Neurocognitive, other																
71	indust	Section Header: <i>Dust exposure</i> Industrial exposure <i>Documented exposure to industrial dust, either occupational or domestic exposure.</i>	<table><tr><td colspan="3">checkbox</td></tr><tr><td>0</td><td>indust__0</td><td>None</td></tr><tr><td>1</td><td>indust__1</td><td>Asbestos</td></tr><tr><td>2</td><td>indust__2</td><td>Silica</td></tr><tr><td>99</td><td>indust__99</td><td>Other</td></tr></table> Field Annotation: @DEFAULT="[indust:value][previous-instance][indust]" @DEFAULT='0' @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"	checkbox			0	indust__0	None	1	indust__1	Asbestos	2	indust__2	Silica	99	indust__99	Other
checkbox																		
0	indust__0	None																
1	indust__1	Asbestos																
2	indust__2	Silica																
99	indust__99	Other																

72	indust_asb Show the field ONLY if: [indust(1)] = '1'	Asbestos exposure type <i>Indicate nature of asbestos exposure.</i>	radio, Required <table><tr><td>1</td><td>Occupational</td></tr><tr><td>2</td><td>Domestic</td></tr><tr><td>99</td><td>Other</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @DEFAULT="[indust_asb:value][previous-instance][indust_asb]" @FIELD-NOTES-DISPLAY="hover"	1	Occupational	2	Domestic	99	Other	-1	Unknown
1	Occupational										
2	Domestic										
99	Other										
-1	Unknown										
73	indust_oth Show the field ONLY if: [indust(99)] = '1'	Specify other dust exposure <i>Specify nature of exposure to inhaled dust.</i>	text Field Annotation: @DEFAULT="[indust_oth][previous-instance][indust_oth]" @FIELD-NOTES-DISPLAY="hover"								
74	hb_done	Section Header: <i>Predictive Indices</i> Full Blood Count performed?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[hb_done:value][previous-instance][hb_done]"	1	Yes	0	No				
1	Yes										
0	No										
75	hb_lvl Show the field ONLY if: [hb_done] = '1'	Last Haemoglobin level <i>Indicate the last pre-operative haemoglobin level in g/L.</i>	text (number, Min: 1, Max: 200) Field Annotation: @DEFAULT="[hb_lvl][previous-instance][hb_lvl]" @FIELD-NOTES-DISPLAY="hover"								
76	neut Show the field ONLY if: [hb_done] = '1'	Last Neutrophil Count <i>x10^9 per litre</i>	text (number, Min: 0, Max: 100) Field Annotation: @DEFAULT="[neut][previous-instance][neut]"								
77	lymph Show the field ONLY if: [hb_done] = '1'	Last Lymphocyte Count <i>x10^9 per litre</i>	text (number, Min: 0, Max: 100) Field Annotation: @DEFAULT="[lymph][previous-instance][lymph]"								
78	nlr Show the field ONLY if: [hb_done] = '1'	Neutrophil:Lymphocyte ratio (NLR)	calc Calculation: round([neut]/[lymph], 1)								

	79	pft_done	Pulmonary Function Tests performed? <i>Did the patient have pulmonary function tests performed pre-operatively?</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[pft_done:value] [previous-instance][pft_done]" @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No
1	Yes							
0	No							
	80	fev1 Show the field ONLY if: [pft_done] = '1'	FEV1 <i>What was the last recorded Forced Expiratory Volume in 1 Second (%)?</i>	text Field Annotation: @DEFAULT="[fev1][previous-instance] [fev1]" @FIELD-NOTES-DISPLAY="hover"				
	81	dlco Show the field ONLY if: [pft_done] = '1'	DLCO <i>What was the last recorded DLCO (%)?</i>	text Field Annotation: @DEFAULT="[dlco][previous-instance] [dlco]" @FIELD-NOTES-DISPLAY="hover"				
	82	pet_scan	Was a positron emission tomography (PET) scan performed for preoperative staging purposes	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[pet_scan:value] [previous-instance][pet_scan]"	1	Yes	0	No
1	Yes							
0	No							
	83	pet_scan_pos Show the field ONLY if: [lcs]='1' and [ben_dx] = '0' and [pet_scan] = '1'	Did PET identify any nodes with FDG activity above blood pool (or SUVmax > 3.5)	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT="[pet_scan_pos:value] [previous-instance][pet_scan_pos]"	1	Yes	0	No
1	Yes							
0	No							

	84	med_stage Show the field ONLY if: [lcs]='1' and [ben_dx]='0'	Were further investigations performed for the purpose of staging the mediastinum prior to surgical resection	radio, Required <table><tr><td>0</td><td>No</td></tr><tr><td>1</td><td>Mediastinoscopy</td></tr><tr><td>2</td><td>EBUS</td></tr><tr><td>3</td><td>Other</td></tr></table> Field Annotation: @DEFAULT="[med_stage:value] [previous-instance][med_stage]"	0	No	1	Mediastinoscopy	2	EBUS	3	Other
0	No											
1	Mediastinoscopy											
2	EBUS											
3	Other											
	85	clin_n_stage Show the field ONLY if: [lcs]='1' and [ben_dx]='0'	Clinical N stage <i>Indicate the N-stage, according to the IASLC 8th edition TNM staging.</i>	radio, Required <table><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr></table> Field Annotation: @DEFAULT="[clin_n_stage:value] [previous-instance][clin_n_stage]" @FIELD-NOTES-DISPLAY="hover"	0	0	1	1	2	2	3	3
0	0											
1	1											
2	2											
3	3											
	86	preoperative_evaluation_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete		
0	Incomplete											
1	Unverified											
2	Complete											

Instrument: **Operative Data** (operative_data)

^ Collapse

87	rmh_surgeons Show the field ONLY if: [user-dag-id] = 8	Royal Melbourne Hospital Surgeons Phillip Antippa: 552 Gavin Wright: 500 Stephen Barnett: 570 John Goldblatt: 571 Vignesh Ratnaraj: 572 Ben Dunne: 573 David Low: 574 William Hoang: 575	descriptive
88	mph_surgeons Show the field ONLY if: [user-dag-id] = 9	Melbourne Private Surgeons Phillip Antippa: 552 John Goldblatt: 571	descriptive
89	stvs_surgeons Show the field ONLY if: [user-dag-id] = 11	St Vincents Private Surgeons Gavin Wright: 500 Jazmin Eckhaus: 501 Naveed Alam: 502	descriptive
90	svhm_surgeons Show the field ONLY if: [user-dag-id] = 13	St Vincent's Hospital Melbourne Surgeons Gavin Wright: 500 Jazmin Eckhaus: 501 Naveed Alam: 502 Krishna Bhagwat: 520 Jai Raman: 521 Andrew Newcomb: 522 Nick Roubos: 523	descriptive
91	surg	Consultant Surgeon <i>If your name does not appear on this list please use the next number and email your details to redcapbg@biogrid.org.au</i>	text (integer, Min: 1), Required

92	proc	Operating Surgeon (Proceduralist) <i>Indicate the status of the surgeon who performed the majority of the 'specific' part of the operation. 'Specific' means the actual lobectomy, wedge resection, Bronchoplasty etc....</i>	checkbox, Required <table><tr><td>1</td><td>proc__1</td><td>Consultant</td></tr><tr><td>2</td><td>proc__2</td><td>Senior Registrar</td></tr><tr><td>3</td><td>proc__3</td><td>Trainee</td></tr><tr><td>4</td><td>proc__4</td><td>Fellow</td></tr><tr><td>5</td><td>proc__5</td><td>Oversight / IMG</td></tr><tr><td>6</td><td>proc__6</td><td>Other Consultant</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	proc__1	Consultant	2	proc__2	Senior Registrar	3	proc__3	Trainee	4	proc__4	Fellow	5	proc__5	Oversight / IMG	6	proc__6	Other Consultant
1	proc__1	Consultant																			
2	proc__2	Senior Registrar																			
3	proc__3	Trainee																			
4	proc__4	Fellow																			
5	proc__5	Oversight / IMG																			
6	proc__6	Other Consultant																			
93	trn_inv	Trainee involvement	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No														
1	Yes																				
0	No																				
94	trainee_no Show the field ONLY if: [trn_inv] = '1' or [proc(3)] = '1'	Trainee Number	text																		
95	train_calc Show the field ONLY if: [trn_inv] = '1' or [proc(3)] = '1'	Trainee Level of Involvement <i>1 = A: Trainee Unassisted, 2 = B: Trainee Assisted, 3 = C: Trainee First Assistant</i>	calc Calculation: if([proc(3)] = '1' and [proc(1)] = 0, 1, if([proc(3)] = 1 and [proc(1)] = 1 or [proc(3)] = 1 and [proc(2)] = 1 or [proc(3)] = 1 and [proc(4)] = 1 or [proc(3)] = 1 and [proc(5)] = 1, 2, if([proc(1)] = 1 and [proc(3)] = 0 and [trn_inv] = 1, 3, ""))																		
96	dop	Surgery Date <i>On what date was the first surgical incision made for the index thoracic operation?</i>	text (date_dmy), Required Field Annotation: @FIELD-NOTES-DISPLAY="hover"																		
97	stat	Status <i>Clinical status of the patient prior to entering the operating room</i>	radio, Required <table><tr><td>1</td><td>Elective</td></tr><tr><td>2</td><td>Urgent</td></tr><tr><td>3</td><td>Emergency</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Elective	2	Urgent	3	Emergency												
1	Elective																				
2	Urgent																				
3	Emergency																				

98	access	Access Approach Indicate the most invasive surgical approach for the index operation. Required if lung cancer procedure	checkbox <table><tr><td>1</td><td>access__1</td><td>VATS</td></tr><tr><td>2</td><td>access__2</td><td>Thoracotomy</td></tr><tr><td>3</td><td>access__3</td><td>Sternotomy</td></tr><tr><td>4</td><td>access__4</td><td>Hemisternotomy</td></tr><tr><td>5</td><td>access__5</td><td>Clamshell</td></tr><tr><td>6</td><td>access__6</td><td>Hemi-clamshell</td></tr><tr><td>7</td><td>access__7</td><td>Sterno-thoractomy</td></tr><tr><td>8</td><td>access__8</td><td>Laparoscopy</td></tr><tr><td>9</td><td>access__9</td><td>Laparotomy</td></tr><tr><td>10</td><td>access__10</td><td>Endoscopic/Percutaneous</td></tr><tr><td>11</td><td>access__11</td><td>Subxiphoid</td></tr><tr><td>99</td><td>access__99</td><td>Other</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	access__1	VATS	2	access__2	Thoracotomy	3	access__3	Sternotomy	4	access__4	Hemisternotomy	5	access__5	Clamshell	6	access__6	Hemi-clamshell	7	access__7	Sterno-thoractomy	8	access__8	Laparoscopy	9	access__9	Laparotomy	10	access__10	Endoscopic/Percutaneous	11	access__11	Subxiphoid	99	access__99	Other
1	access__1	VATS																																					
2	access__2	Thoracotomy																																					
3	access__3	Sternotomy																																					
4	access__4	Hemisternotomy																																					
5	access__5	Clamshell																																					
6	access__6	Hemi-clamshell																																					
7	access__7	Sterno-thoractomy																																					
8	access__8	Laparoscopy																																					
9	access__9	Laparotomy																																					
10	access__10	Endoscopic/Percutaneous																																					
11	access__11	Subxiphoid																																					
99	access__99	Other																																					
99	access_vats Show the field ONLY if: [access(1)] = '1'	Type of VATS	radio <table><tr><td>1</td><td>Uniportal</td></tr><tr><td>2</td><td>Biportal</td></tr><tr><td>3</td><td>Multiportal</td></tr><tr><td>4</td><td>Robotic</td></tr><tr><td>99</td><td>Other</td></tr></table>	1	Uniportal	2	Biportal	3	Multiportal	4	Robotic	99	Other																										
1	Uniportal																																						
2	Biportal																																						
3	Multiportal																																						
4	Robotic																																						
99	Other																																						
100	conv Show the field ONLY if: [access(1)] = '1' or [access(8)] = '1'	Conversion Do not include cases where initial thoracoscopy is followed by a planned thoracotomy	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																																
1	Yes																																						
0	No																																						

101	conv_reason Show the field ONLY if: [conv] = '1'	Reason for conversion <i>What was the nature of conversion?</i>	radio <table><tr><td>1</td><td>Emergent</td></tr><tr><td>2</td><td>Elective</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Emergent	2	Elective														
1	Emergent																				
2	Elective																				
102	lrs	Section Header: <i>SURGICAL PROCEDURE</i> Lung Resection Surgery?	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No														
1	Yes																				
0	No																				
103	lungproc_lobe Show the field ONLY if: [lrs] = '1'	Involved Lobe(s) <i>Check all that apply</i>	checkbox, Required <table><tr><td>1</td><td>lungproc_lobe__1</td><td>Right Upper</td></tr><tr><td>2</td><td>lungproc_lobe__2</td><td>Right Middle</td></tr><tr><td>3</td><td>lungproc_lobe__3</td><td>Right Lower</td></tr><tr><td>4</td><td>lungproc_lobe__4</td><td>Left Upper</td></tr><tr><td>5</td><td>lungproc_lobe__5</td><td>Left Lower</td></tr></table>	1	lungproc_lobe__1	Right Upper	2	lungproc_lobe__2	Right Middle	3	lungproc_lobe__3	Right Lower	4	lungproc_lobe__4	Left Upper	5	lungproc_lobe__5	Left Lower			
1	lungproc_lobe__1	Right Upper																			
2	lungproc_lobe__2	Right Middle																			
3	lungproc_lobe__3	Right Lower																			
4	lungproc_lobe__4	Left Upper																			
5	lungproc_lobe__5	Left Lower																			
104	lungproc Show the field ONLY if: [lrs] = '1'	Lung Procedure <i>Indicate all procedures performed for lung resection. Check all that apply</i>	checkbox, Required <table><tr><td>0</td><td>lungproc__0</td><td>None</td></tr><tr><td>1</td><td>lungproc__1</td><td>Wedge Resection</td></tr><tr><td>2</td><td>lungproc__2</td><td>Segmentectomy</td></tr><tr><td>3</td><td>lungproc__3</td><td>Lobectomy</td></tr><tr><td>4</td><td>lungproc__4</td><td>Bilobectomy</td></tr><tr><td>5</td><td>lungproc__5</td><td>Pneumonectomy</td></tr></table> Field Annotation: @NONEOFTHEABOVE='0' @FIELD-NOTES-DISPLAY="hover"	0	lungproc__0	None	1	lungproc__1	Wedge Resection	2	lungproc__2	Segmentectomy	3	lungproc__3	Lobectomy	4	lungproc__4	Bilobectomy	5	lungproc__5	Pneumonectomy
0	lungproc__0	None																			
1	lungproc__1	Wedge Resection																			
2	lungproc__2	Segmentectomy																			
3	lungproc__3	Lobectomy																			
4	lungproc__4	Bilobectomy																			
5	lungproc__5	Pneumonectomy																			

	105	lungproc_enbloc	Extended or en bloc procedure <i>Indicate if a patient had any of the extensions to the standard resections in LUNGPROC.</i>	checkbox, Required																																																				
		Show the field ONLY if: [lrs] = '1'		<table><tr><td>0</td><td>lungproc_enbloc__0</td><td>None</td></tr><tr><td>1</td><td>lungproc_enbloc__1</td><td>Parietal pleura</td></tr><tr><td>2</td><td>lungproc_enbloc__2</td><td>Chest wall (rib resection)</td></tr><tr><td>3</td><td>lungproc_enbloc__3</td><td>Sleeve resection or bronchoplasty</td></tr><tr><td>4</td><td>lungproc_enbloc__4</td><td>Carinal resection</td></tr><tr><td>5</td><td>lungproc_enbloc__5</td><td>Bronchus resection</td></tr><tr><td>6</td><td>lungproc_enbloc__6</td><td>Arterioplasty</td></tr><tr><td>7</td><td>lungproc_enbloc__7</td><td>Venoplasty</td></tr><tr><td>8</td><td>lungproc_enbloc__8</td><td>Diaphragm</td></tr><tr><td>9</td><td>lungproc_enbloc__9</td><td>Pericardium</td></tr><tr><td>10</td><td>lungproc_enbloc__10</td><td>Atrium</td></tr><tr><td>11</td><td>lungproc_enbloc__11</td><td>Superior Sulcus Vascular</td></tr><tr><td>12</td><td>lungproc_enbloc__12</td><td>Superior Sulcus Neural</td></tr><tr><td>13</td><td>lungproc_enbloc__13</td><td>Phrenic nerve</td></tr><tr><td>14</td><td>lungproc_enbloc__14</td><td>Vagus nerve (beyond RLN)</td></tr><tr><td>15</td><td>lungproc_enbloc__15</td><td>Recurrent laryngeal nerve</td></tr><tr><td>16</td><td>lungproc_enbloc__16</td><td>Vagus nerve (proximal to RLN)</td></tr><tr><td>99</td><td>lungproc_enbloc__99</td><td>Other, specify</td></tr></table>	0	lungproc_enbloc__0	None	1	lungproc_enbloc__1	Parietal pleura	2	lungproc_enbloc__2	Chest wall (rib resection)	3	lungproc_enbloc__3	Sleeve resection or bronchoplasty	4	lungproc_enbloc__4	Carinal resection	5	lungproc_enbloc__5	Bronchus resection	6	lungproc_enbloc__6	Arterioplasty	7	lungproc_enbloc__7	Venoplasty	8	lungproc_enbloc__8	Diaphragm	9	lungproc_enbloc__9	Pericardium	10	lungproc_enbloc__10	Atrium	11	lungproc_enbloc__11	Superior Sulcus Vascular	12	lungproc_enbloc__12	Superior Sulcus Neural	13	lungproc_enbloc__13	Phrenic nerve	14	lungproc_enbloc__14	Vagus nerve (beyond RLN)	15	lungproc_enbloc__15	Recurrent laryngeal nerve	16	lungproc_enbloc__16	Vagus nerve (proximal to RLN)	99
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9	lungproc_enbloc__9	Pericardium																																																						
10	lungproc_enbloc__10	Atrium																																																						
11	lungproc_enbloc__11	Superior Sulcus Vascular																																																						
12	lungproc_enbloc__12	Superior Sulcus Neural																																																						
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16	lungproc_enbloc__16	Vagus nerve (proximal to RLN)																																																						
99	lungproc_enbloc__99	Other, specify																																																						
	106	lungproc_enbloc_oth	Specify other extended resection	text																																																				
		Show the field ONLY if: [lungproc_enbloc(99)] = '1'																																																						

	107	lungproc_node Show the field ONLY if: [lrs] = '1'	Lymph node management	radio, Required <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Lymph node sampling (< 3 stations)</td></tr><tr><td>2</td><td>Lymphadenectomy, regional (>=3 stations)</td></tr><tr><td>3</td><td>Lymphadenectomy, complete mediastinal</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0'	0	None	1	Lymph node sampling (< 3 stations)	2	Lymphadenectomy, regional (>=3 stations)	3	Lymphadenectomy, complete mediastinal
0	None											
1	Lymph node sampling (< 3 stations)											
2	Lymphadenectomy, regional (>=3 stations)											
3	Lymphadenectomy, complete mediastinal											
	108	tms 										

	111	oeproc	Oesophageal Procedure? Indicate endoluminal oesophageal procedure.	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT = '0' @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No
1	Yes							
0	No							

	112	oeproc_res Show the field ONLY if: [oeproc] = '1'	Oesophageal Resection Procedures <i>Indicate the oesophageal resection procedure.</i>	<table><tr><th colspan="2">dropdown (autocomplete)</th></tr><tr><td>1</td><td>Transhiatal - Total oesophagectomy, without thoracotomy, with cervical oesophagogastrostomy</td></tr><tr><td>2</td><td>Total oesophagectomy without thoracotomy; with colon interposition or small intestine reconstruction</td></tr><tr><td>3</td><td>Three Incision - Total oesophagectomy with cervical oesophagogastrostomy</td></tr><tr><td>4</td><td>Total oesophagectomy with colon interposition or small intestine reconstruction</td></tr><tr><td>5</td><td>Partial oesophagectomy, cervical, with free intestinal graft, including microvascular anastomosis</td></tr><tr><td>6</td><td>Ivor Lewis-Partial oesophagectomy, distal two-thirds, with separate thoracic and abdominal incision</td></tr><tr><td>7</td><td>Partial oesophagectomy, with separate thoracic and abdominal incision, with colon interposition or small intestine</td></tr><tr><td>8</td><td>Partial oesophagectomy, distal two-thirds, with thoracic incision only</td></tr><tr><td>9</td><td>Thoracoabdominal - Partial oesophagectomy, thoracoabdominal approach</td></tr><tr><td>10</td><td>Partial oesophagectomy, thoracoabdominal with colon interposition or small intestine</td></tr><tr><td>11</td><td>Total or partial oesophagectomy, without reconstruction with cervical oesophagostomy</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"	dropdown (autocomplete)		1	Transhiatal - Total oesophagectomy, without thoracotomy, with cervical oesophagogastrostomy	2	Total oesophagectomy without thoracotomy; with colon interposition or small intestine reconstruction	3	Three Incision - Total oesophagectomy with cervical oesophagogastrostomy	4	Total oesophagectomy with colon interposition or small intestine reconstruction	5	Partial oesophagectomy, cervical, with free intestinal graft, including microvascular anastomosis	6	Ivor Lewis-Partial oesophagectomy, distal two-thirds, with separate thoracic and abdominal incision	7	Partial oesophagectomy, with separate thoracic and abdominal incision, with colon interposition or small intestine	8	Partial oesophagectomy, distal two-thirds, with thoracic incision only	9	Thoracoabdominal - Partial oesophagectomy, thoracoabdominal approach	10	Partial oesophagectomy, thoracoabdominal with colon interposition or small intestine	11	Total or partial oesophagectomy, without reconstruction with cervical oesophagostomy
dropdown (autocomplete)																												
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11	Total or partial oesophagectomy, without reconstruction with cervical oesophagostomy																											

	113	oeproc_hh Show the field ONLY if: [oeproc] = '1'	Hiatal hernia / GORD procedures <i>Indicate the type of procedure performed for oesophageal reflux and/or hiatus hernia.</i>	<table><tr><td colspan="2">dropdown (autocomplete)</td></tr><tr><td>1</td><td>Oesophagogastric fundoplasty (e.g., Nissen, Toupet, Belsey procedures)</td></tr><tr><td>2</td><td>Repair of para-oesophageal hernia (fundoplasty) without mesh</td></tr><tr><td>3</td><td>Repair of para-oesophageal hernia (fundoplasty) with mesh</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"	dropdown (autocomplete)		1	Oesophagogastric fundoplasty (e.g., Nissen, Toupet, Belsey procedures)	2	Repair of para-oesophageal hernia (fundoplasty) without mesh	3	Repair of para-oesophageal hernia (fundoplasty) with mesh																
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3	Repair of para-oesophageal hernia (fundoplasty) with mesh																											
	114	oeproc_oth Show the field ONLY if: [oeproc] = '1'	Other oesophageal procedures <i>Indicate other oesophageal procedure.</i>	<table><tr><td colspan="2">dropdown (autocomplete)</td></tr><tr><td>1</td><td>Oesophagomyotomy (Heller type)</td></tr><tr><td>2</td><td>Cricopharyngeal myotomy</td></tr><tr><td>3</td><td>Excision oesophageal lesion with primary repair, cervical approach</td></tr><tr><td>4</td><td>Excision oesophageal lesion with primary repair, thoracic approach (eg: leiomyoma)</td></tr><tr><td>5</td><td>Diverticulectomy of hypopharynx or oesophagus, with or without myotomy; cervical approach</td></tr><tr><td>6</td><td>Diverticulectomy of oesophagus, with or without myotomy; thoracic approach</td></tr><tr><td>7</td><td>Oesophageal lengthening procedure (Collis)</td></tr><tr><td>8</td><td>Oesophagoplasty with repair of TEF, cervical approach</td></tr><tr><td>9</td><td>Oesophagoplasty with repair TEF, thoracic approach</td></tr><tr><td>10</td><td>Free jejunum transfer with microvascular anastomosis</td></tr><tr><td>11</td><td>Oesophagostomy, fistulisation of oesophagus, external; cervical approach</td></tr></table>	dropdown (autocomplete)		1	Oesophagomyotomy (Heller type)	2	Cricopharyngeal myotomy	3	Excision oesophageal lesion with primary repair, cervical approach	4	Excision oesophageal lesion with primary repair, thoracic approach (eg: leiomyoma)	5	Diverticulectomy of hypopharynx or oesophagus, with or without myotomy; cervical approach	6	Diverticulectomy of oesophagus, with or without myotomy; thoracic approach	7	Oesophageal lengthening procedure (Collis)	8	Oesophagoplasty with repair of TEF, cervical approach	9	Oesophagoplasty with repair TEF, thoracic approach	10	Free jejunum transfer with microvascular anastomosis	11	Oesophagostomy, fistulisation of oesophagus, external; cervical approach
dropdown (autocomplete)																												
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11	Oesophagostomy, fistulisation of oesophagus, external; cervical approach																											

				<table><tr><td>12</td><td>Gastrointestinal reconstruction for previous oesophagectomy with stomach</td></tr><tr><td>13</td><td>Gastrointestinal reconstruction for previous oesophagectomy with colon interposition or small intestine</td></tr><tr><td>14</td><td>Suture of oesophageal wound or injury; cervical approach</td></tr><tr><td>15</td><td>Suture of oesophageal wound or injury; transthoracic or transabdominal approach</td></tr><tr><td>16</td><td>Closure of oesophagostomy or fistula; cervical approach</td></tr><tr><td>17</td><td>Total gastrectomy with oesophagoenterostomy</td></tr><tr><td>18</td><td>Total gastrectomy with Roux-en-Y reconstruction</td></tr><tr><td>19</td><td>Conduit revision s/p oesophagectomy</td></tr><tr><td>20</td><td>Per oral endoscopic myotomy (POEM)</td></tr><tr><td>21</td><td>Trans oral fundoplication</td></tr><tr><td>22</td><td>Ligation or stapling at gastro-oesophageal junction for oesophageal perforation</td></tr><tr><td>23</td><td>Unlisted procedure, oesophagus</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"	12	Gastrointestinal reconstruction for previous oesophagectomy with stomach	13	Gastrointestinal reconstruction for previous oesophagectomy with colon interposition or small intestine	14	Suture of oesophageal wound or injury; cervical approach	15	Suture of oesophageal wound or injury; transthoracic or transabdominal approach	16	Closure of oesophagostomy or fistula; cervical approach	17	Total gastrectomy with oesophagoenterostomy	18	Total gastrectomy with Roux-en-Y reconstruction	19	Conduit revision s/p oesophagectomy	20	Per oral endoscopic myotomy (POEM)	21	Trans oral fundoplication	22	Ligation or stapling at gastro-oesophageal junction for oesophageal perforation	23	Unlisted procedure, oesophagus
12	Gastrointestinal reconstruction for previous oesophagectomy with stomach																											
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22	Ligation or stapling at gastro-oesophageal junction for oesophageal perforation																											
23	Unlisted procedure, oesophagus																											
	115	lungproc_oth_yn	Other Lung Procedure?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT = '0'	1	Yes	0	No																				
1	Yes																											
0	No																											

	116	lungproc_oth Show the field ONLY if: [lungproc_oth_yn]='1'	Other Lung Procedures <i>Indicate other lung procedure.</i>	dropdown (autocomplete) <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Open closure of major bronchial fistula</td></tr><tr><td>2</td><td>Lung repair</td></tr><tr><td>3</td><td>Thoracoplasty with closure of bronchopleural fistula</td></tr><tr><td>4</td><td>Pneumonostomy</td></tr><tr><td>5</td><td>Fissure completion</td></tr><tr><td>99</td><td>Unlisted procedure, lung</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	None	1	Open closure of major bronchial fistula	2	Lung repair	3	Thoracoplasty with closure of bronchopleural fistula	4	Pneumonostomy	5	Fissure completion	99	Unlisted procedure, lung
0	None																	
1	Open closure of major bronchial fistula																	
2	Lung repair																	
3	Thoracoplasty with closure of bronchopleural fistula																	
4	Pneumonostomy																	
5	Fissure completion																	
99	Unlisted procedure, lung																	
	117	more_proc	Airway / Pleural / Chest Wall / Diaphragm procedure?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT = '0'	1	Yes	0	No										
1	Yes																	
0	No																	

118	tbproc	Show the field ONLY if: [more_proc] = '1'	Tracheobronchial Procedure <i>Indicate major airways procedure.</i>	dropdown (autocomplete)	
				0	None
				1	Tracheal resection and reconstruction; cervical
				2	Tracheal resection and reconstruction; thoracic
				3	Tracheostomy, planned
				4	Tracheoplasty; intrathoracic
				5	Tracheostomy mediastinal
				6	Tracheoplasty; intrathoracic
				7	Bronchoplasty, graft repair
				8	Bronchoplasty; excision stenosis and anastomosis
				9	Tracheostomy mediastinal
				10	Carinal resection and reconstruction
				11	Bronchial sleeve resection without lung parenchyma
				12	Tracheal wound or injury suture repair; cervical
				13	Tracheal wound or injury suture repair; intrathoracic
				14	Bronchopleural fistula closure
				15	Bronchial laceration suture
				16	Pleural blood patch
				99	Unlisted procedure, trachea, bronchi
				Field Annotation: @FIELD-NOTES-DISPLAY="hover"	

119	pleurproc Show the field ONLY if: [more_proc] = '1'	Pleural <i>Indicate the pleural procedure.</i>	dropdown (autocomplete)	
			0	None
			1	Thoracostomy; with rib resection for empyema
			2	Thoracostomy; with open flap drainage for empyema
			3	Biopsy(s) of pleura
			4	Exploration
			5	Control of traumatic haemorrhage and/or repair of lung tear
			6	Division of pleural adhesions, extensive
			7	Excision-plication of bullae, with or without any pleural procedure
			8	Removal of intrapleural foreign body or haematoma
			9	Radical Pleurectomy-Decortication
			10	Insertion indwelling tunneled pleural catheter
			11	Pleurodesis (e.g., mechanical or chemical)
			12	Pulmonary decortication
			13	Removal of intrapleural foreign body or fibrin deposit
			14	Parietal pleurectomy
			15	Pleural scarification
			16	Repair lung hernia through chest wall
			17	Radio-frequency ablation (RFA) lung tumour
			18	Closure of chest wall for empyema (Claggett procedure)
Field Annotation: @FIELD-NOTES-DISPLAY="hover"				

	120	chestproc Show the field ONLY if: [more_proc] = '1'	Chest Wall Procedure <i>Indicate the chest wall procedure.</i>	dropdown (autocomplete) <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Muscle flap; trunk (i.e., intercostal, pectoralis or serratus muscle)</td></tr><tr><td>2</td><td>Excision of chest wall including ribs</td></tr><tr><td>3</td><td>Excision of chest wall mass involving ribs, with reconstruction</td></tr><tr><td>4</td><td>Excision of chest wall mass without ribs</td></tr><tr><td>5</td><td>Excision first and/or cervical rib</td></tr><tr><td>6</td><td>Removal of hardware</td></tr><tr><td>7</td><td>Chest Wall Collection Debridement/Drainage</td></tr><tr><td>8</td><td>Surgical stabilisation of traumatic sternal fractures</td></tr><tr><td>9</td><td>Sternectomy</td></tr><tr><td>10</td><td>Pectus repair</td></tr><tr><td>11</td><td>Open treatment of sternum fracture with or without skeletal fixation</td></tr><tr><td>12</td><td>Surgical stabilisation of traumatic rib fractures</td></tr><tr><td>99</td><td>Unlisted procedure, chest wall</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	None	1	Muscle flap; trunk (i.e., intercostal, pectoralis or serratus muscle)	2	Excision of chest wall including ribs	3	Excision of chest wall mass involving ribs, with reconstruction	4	Excision of chest wall mass without ribs	5	Excision first and/or cervical rib	6	Removal of hardware	7	Chest Wall Collection Debridement/Drainage	8	Surgical stabilisation of traumatic sternal fractures	9	Sternectomy	10	Pectus repair	11	Open treatment of sternum fracture with or without skeletal fixation	12	Surgical stabilisation of traumatic rib fractures	99	Unlisted procedure, chest wall
0	None																															
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12	Surgical stabilisation of traumatic rib fractures																															
99	Unlisted procedure, chest wall																															
	121	pectusproc Show the field ONLY if: [chestproc] = '10'	Pectus Repair Procedure <i>Indicate pectus corrective procedure used.</i>	dropdown (autocomplete) <table><tr><td>1</td><td>Nuss / Park procedure</td></tr><tr><td>2</td><td>Open procedure</td></tr><tr><td>3</td><td>Prosthetic/Subcutaneous</td></tr><tr><td>99</td><td>Other</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Nuss / Park procedure	2	Open procedure	3	Prosthetic/Subcutaneous	99	Other																				
1	Nuss / Park procedure																															
2	Open procedure																															
3	Prosthetic/Subcutaneous																															
99	Other																															

	122	diaproc Show the field ONLY if: [more_proc] = '1'	Diaphragm Procedure <i>Indicate diaphragmatic procedure.</i>	dropdown (autocomplete) <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Diaphragmatic hernia repair, traumatic; acute</td></tr><tr><td>2</td><td>Diaphragmatic hernia repair, traumatic; chronic</td></tr><tr><td>3</td><td>Diaphragm, imbrication (i.e., plication)</td></tr><tr><td>4</td><td>Diaphragm, laceration repair, any approach</td></tr><tr><td>5</td><td>Diaphragm; resection with simple repair (e.g., primary suture)</td></tr><tr><td>6</td><td>Diaphragm; resection with complex repair (e.g., prosthetic material, local muscle flap)</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	None	1	Diaphragmatic hernia repair, traumatic; acute	2	Diaphragmatic hernia repair, traumatic; chronic	3	Diaphragm, imbrication (i.e., plication)	4	Diaphragm, laceration repair, any approach	5	Diaphragm; resection with simple repair (e.g., primary suture)	6	Diaphragm; resection with complex repair (e.g., prosthetic material, local muscle flap)
0	None																	
1	Diaphragmatic hernia repair, traumatic; acute																	
2	Diaphragmatic hernia repair, traumatic; chronic																	
3	Diaphragm, imbrication (i.e., plication)																	
4	Diaphragm, laceration repair, any approach																	
5	Diaphragm; resection with simple repair (e.g., primary suture)																	
6	Diaphragm; resection with complex repair (e.g., prosthetic material, local muscle flap)																	
	123	bronchproc_yn	Bronchoscopy (independently indicated procedure)?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT = '0'	1	Yes	0	No										
1	Yes																	
0	No																	

124	bronchproc	Bronchoscopic Procedures <i>Indicate endobronchial procedure.</i>	dropdown (autocomplete)																																						
	Show the field ONLY if: [bronchproc_yn]='1'		<table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Bronchoscopy, diagnostic, flexible</td></tr><tr><td>2</td><td>Bronchoscopy, diagnostic, rigid</td></tr><tr><td>3</td><td>Removal of foreign body / clot / sputum plug</td></tr><tr><td>4</td><td>Endobronchial ultrasound (EBUS)</td></tr><tr><td>5</td><td>Bronchial alveolar lavage (BAL)</td></tr><tr><td>6</td><td>Placement of Fiducial markers</td></tr><tr><td>7</td><td>Bronchoscopy, navigational for localization of peripheral tumour</td></tr><tr><td>8</td><td>Bronchoscopy, with tracheal/bronchial dilatation</td></tr><tr><td>9</td><td>Bronchoscopy, with placement of tracheal stent</td></tr><tr><td>10</td><td>Transbronchial lung biopsy</td></tr><tr><td>11</td><td>Transbronchial needle aspiration biopsy</td></tr><tr><td>12</td><td>Placement of bronchial stent</td></tr><tr><td>13</td><td>Endoscopic excision of tumour</td></tr><tr><td>14</td><td>Recanalisation by laser/diathermy/argon/hot snare</td></tr><tr><td>15</td><td>Placement of catheter for brachytherapy</td></tr><tr><td>16</td><td>Aspiration of tracheobronchial tree (drainage of lung abscess)</td></tr><tr><td>17</td><td>Tracheobronchoscopy through established tracheostomy incision</td></tr><tr><td>18</td><td>Endobronchial Valve Placement</td></tr></table>	0	None	1	Bronchoscopy, diagnostic, flexible	2	Bronchoscopy, diagnostic, rigid	3	Removal of foreign body / clot / sputum plug	4	Endobronchial ultrasound (EBUS)	5	Bronchial alveolar lavage (BAL)	6	Placement of Fiducial markers	7	Bronchoscopy, navigational for localization of peripheral tumour	8	Bronchoscopy, with tracheal/bronchial dilatation	9	Bronchoscopy, with placement of tracheal stent	10	Transbronchial lung biopsy	11	Transbronchial needle aspiration biopsy	12	Placement of bronchial stent	13	Endoscopic excision of tumour	14	Recanalisation by laser/diathermy/argon/hot snare	15	Placement of catheter for brachytherapy	16	Aspiration of tracheobronchial tree (drainage of lung abscess)	17	Tracheobronchoscopy through established tracheostomy incision	18	Endobronchial Valve Placement
	0		None																																						
	1		Bronchoscopy, diagnostic, flexible																																						
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18	Endobronchial Valve Placement																																								
Field Annotation: @FIELD-NOTES-DISPLAY="hover"																																									

	125	oescoproc_yn	Oesophagoscopy Procedure?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT = '0'	1	Yes	0	No																
1	Yes																							
0	No																							
	126	oescoproc Show the field ONLY if: [oescoproc_yn]='1'	Oesophagoscopy Procedures Indicate endoluminal oesophageal procedure.	dropdown (autocomplete) <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Oesophagoscopy, flexible</td></tr><tr><td>2</td><td>Oesophagoscopy, rigid</td></tr><tr><td>3</td><td>Oesophageal dilatation with bougie or rigid scope</td></tr><tr><td>4</td><td>Oesophageal balloon dilatation</td></tr><tr><td>5</td><td>Removal of foreign body</td></tr><tr><td>6</td><td>Insertion of stent</td></tr><tr><td>7</td><td>Ablation of tumour, laser/diathermy/argon/hot snare</td></tr><tr><td>8</td><td>Endoscopic ultrasound examination</td></tr><tr><td>9</td><td>Ultrasound-guided FNA</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	None	1	Oesophagoscopy, flexible	2	Oesophagoscopy, rigid	3	Oesophageal dilatation with bougie or rigid scope	4	Oesophageal balloon dilatation	5	Removal of foreign body	6	Insertion of stent	7	Ablation of tumour, laser/diathermy/argon/hot snare	8	Endoscopic ultrasound examination	9	Ultrasound-guided FNA
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8	Endoscopic ultrasound examination																							
9	Ultrasound-guided FNA																							
	127	miscproc_yn	Miscellaneous Procedure?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @DEFAULT = '0'	1	Yes	0	No																
1	Yes																							
0	No																							

128	miscproc Show the field ONLY if: [miscproc_yn]='1'	Miscellaneous Procedures Indicate miscellaneous thoracic procedure. Check all that apply.	checkbox <table><tr><td>0</td><td>miscproc__0</td><td>None</td></tr><tr><td>1</td><td>miscproc__1</td><td>Pericardial biopsy</td></tr><tr><td>2</td><td>miscproc__2</td><td>Removal of clot or foreign body from pericardial sac</td></tr><tr><td>3</td><td>miscproc__3</td><td>Creation of pericardial window or partial resection of pericardial sac for drainage</td></tr><tr><td>4</td><td>miscproc__4</td><td>VATS pericardiectomy</td></tr><tr><td>5</td><td>miscproc__5</td><td>VATS thoracic sympathectomy</td></tr><tr><td>6</td><td>miscproc__6</td><td>Application of wound vac dressing</td></tr><tr><td>7</td><td>miscproc__7</td><td>Resuscitative thoracotomy</td></tr><tr><td>8</td><td>miscproc__8</td><td>SVC resection and reconstruction</td></tr><tr><td>9</td><td>miscproc__9</td><td>Ligation thoracic duct</td></tr><tr><td>10</td><td>miscproc__10</td><td>Intraoperative jejunostomy</td></tr><tr><td>11</td><td>miscproc__11</td><td>Omental flap</td></tr><tr><td>12</td><td>miscproc__12</td><td>Transthoracic thyroidectomy</td></tr><tr><td>13</td><td>miscproc__13</td><td>Removal substernal thyroid, cervical approach</td></tr><tr><td>99</td><td>miscproc__99</td><td>Other, miscellaneous, specify</td></tr></table> Field Annotation: @NONEOFTHEABOVE='0' @FIELD-NOTES-DISPLAY="hover"	0	miscproc__0	None	1	miscproc__1	Pericardial biopsy	2	miscproc__2	Removal of clot or foreign body from pericardial sac	3	miscproc__3	Creation of pericardial window or partial resection of pericardial sac for drainage	4	miscproc__4	VATS pericardiectomy	5	miscproc__5	VATS thoracic sympathectomy	6	miscproc__6	Application of wound vac dressing	7	miscproc__7	Resuscitative thoracotomy	8	miscproc__8	SVC resection and reconstruction	9	miscproc__9	Ligation thoracic duct	10	miscproc__10	Intraoperative jejunostomy	11	miscproc__11	Omental flap	12	miscproc__12	Transthoracic thyroidectomy	13	miscproc__13	Removal substernal thyroid, cervical approach	99	miscproc__99	Other, miscellaneous, specify
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13	miscproc__13	Removal substernal thyroid, cervical approach																																														
99	miscproc__99	Other, miscellaneous, specify																																														
129	miscproc_oth Show the field ONLY if: [miscproc(99)] = '1'	Specify miscellaneous procedure	text																																													

	130	operative_data_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete																								
0	Incomplete																																	
1	Unverified																																	
2	Complete																																	
Instrument: Lung Cancer Pathology Module (Mandatory If NSCLC) (lung_cancer_pathology_module_mandatory_if_nsclc) ^ Collapse																																		
	131	lcp Show the field ONLY if: [lcs] = '1' and [nsclc_pall] = '0'	Section Header: <i>Diagnosis</i> Was a tissue diagnosis attempted prior to resection?	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																										
1	Yes																																	
0	No																																	
	132	diag_meth Show the field ONLY if: [lcp] = '1'	Method of Pre-Operative Diagnosis <i>Method by which pre-op tissue diagnosis was performed. Check all that apply.</i>	checkbox <table><tr><td>1</td><td>diag_meth__1</td><td>Bronchoscopy</td></tr><tr><td>2</td><td>diag_meth__2</td><td>EBUS linear</td></tr><tr><td>3</td><td>diag_meth__3</td><td>EBUS Radial</td></tr><tr><td>4</td><td>diag_meth__4</td><td>Mediastinoscopy</td></tr><tr><td>5</td><td>diag_meth__5</td><td>VATS biopsy</td></tr><tr><td>6</td><td>diag_meth__6</td><td>Mediastinotomy</td></tr><tr><td>7</td><td>diag_meth__7</td><td>Needle Biopsy</td></tr><tr><td>8</td><td>diag_meth__8</td><td>Navigational bronchoscopy</td></tr><tr><td>9</td><td>diag_meth__9</td><td>Intra-operative Frozen Section</td></tr><tr><td>10</td><td>diag_meth__10</td><td>Sputum cytology</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"	1	diag_meth__1	Bronchoscopy	2	diag_meth__2	EBUS linear	3	diag_meth__3	EBUS Radial	4	diag_meth__4	Mediastinoscopy	5	diag_meth__5	VATS biopsy	6	diag_meth__6	Mediastinotomy	7	diag_meth__7	Needle Biopsy	8	diag_meth__8	Navigational bronchoscopy	9	diag_meth__9	Intra-operative Frozen Section	10	diag_meth__10	Sputum cytology
1	diag_meth__1	Bronchoscopy																																
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8	diag_meth__8	Navigational bronchoscopy																																
9	diag_meth__9	Intra-operative Frozen Section																																
10	diag_meth__10	Sputum cytology																																

133	histo Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Section Header: <i>Histopathology</i> Histology <i>Indicate the pathological type of primary lung cancer. Check all that apply.</i>	checkbox <table><tr><td>1</td><td>histo__1</td><td>Adenocarcinoma</td></tr><tr><td>2</td><td>histo__2</td><td>Squamous cell carcinoma</td></tr><tr><td>3</td><td>histo__3</td><td>Large cell carcinoma</td></tr><tr><td>4</td><td>histo__4</td><td>Pleomorphic carcinoma</td></tr><tr><td>5</td><td>histo__5</td><td>Neuroendocrine differentiation</td></tr><tr><td>99</td><td>histo__99</td><td>Carcinoid or Rare Primary</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	histo__1	Adenocarcinoma	2	histo__2	Squamous cell carcinoma	3	histo__3	Large cell carcinoma	4	histo__4	Pleomorphic carcinoma	5	histo__5	Neuroendocrine differentiation	99	histo__99	Carcinoid or Rare Primary									
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99	histo__99	Carcinoid or Rare Primary																												
134	oth_hist Show the field ONLY if: [histo(99)] = '1'	Other Histologies <i>Indicate the pathological type of primary lung cancer. Check all that apply.</i>	checkbox, Required <table><tr><td>1</td><td>oth_hist__1</td><td>Typical Carcinoid</td></tr><tr><td>2</td><td>oth_hist__2</td><td>Atypical Carcinoid</td></tr><tr><td>3</td><td>oth_hist__3</td><td>Squamous cell carcinoma-in-situ</td></tr><tr><td>4</td><td>oth_hist__4</td><td>Small Cell Carcinoma</td></tr><tr><td>5</td><td>oth_hist__5</td><td>Pulmonary Blastoma</td></tr><tr><td>6</td><td>oth_hist__6</td><td>Mucoepidermoid tumour</td></tr><tr><td>7</td><td>oth_hist__7</td><td>Adenoid cystic or salivary</td></tr><tr><td>8</td><td>oth_hist__8</td><td>Solitary fibrous tumour of lung</td></tr><tr><td>99</td><td>oth_hist__99</td><td>Other / NOS</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	oth_hist__1	Typical Carcinoid	2	oth_hist__2	Atypical Carcinoid	3	oth_hist__3	Squamous cell carcinoma-in-situ	4	oth_hist__4	Small Cell Carcinoma	5	oth_hist__5	Pulmonary Blastoma	6	oth_hist__6	Mucoepidermoid tumour	7	oth_hist__7	Adenoid cystic or salivary	8	oth_hist__8	Solitary fibrous tumour of lung	99	oth_hist__99	Other / NOS
1	oth_hist__1	Typical Carcinoid																												
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7	oth_hist__7	Adenoid cystic or salivary																												
8	oth_hist__8	Solitary fibrous tumour of lung																												
99	oth_hist__99	Other / NOS																												

	135	subtype_adeno Show the field ONLY if: [histo(1)] = '1'	Adenocarcinoma subtype	radio <table><tr><td>1</td><td>AIS</td></tr><tr><td>2</td><td>MIA</td></tr><tr><td>3</td><td>Lepidic</td></tr><tr><td>4</td><td>Acinar</td></tr><tr><td>5</td><td>Papillary</td></tr><tr><td>6</td><td>Solid</td></tr><tr><td>7</td><td>Micropapillary</td></tr><tr><td>8</td><td>Invasive Mucinous</td></tr><tr><td>9</td><td>Colloid</td></tr><tr><td>99</td><td>Other / NOS</td></tr></table>	1	AIS	2	MIA	3	Lepidic	4	Acinar	5	Papillary	6	Solid	7	Micropapillary	8	Invasive Mucinous	9	Colloid	99	Other / NOS
1	AIS																							
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6	Solid																							
7	Micropapillary																							
8	Invasive Mucinous																							
9	Colloid																							
99	Other / NOS																							
	136	diameter Show the field ONLY if: [lcs] = '1' and [nslc_pall] <> '1' and [ben_dx] = '0'	Tumour diameter <i>Document the maximal diameter of the tumour in mm.</i>	text (integer, Min: 0, Max: 200), Required Field Annotation: @FIELD-NOTES-DISPLAY="hover"																				
	137	pdl_1 Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Section Header: <i>Molecular Pathology</i> PD-L1	radio <table><tr><td>1</td><td>Not performed</td></tr><tr><td>2</td><td>0%</td></tr><tr><td>3</td><td>1-5%</td></tr><tr><td>4</td><td>6-49%</td></tr><tr><td>5</td><td>>=50%</td></tr></table>	1	Not performed	2	0%	3	1-5%	4	6-49%	5	>=50%										
1	Not performed																							
2	0%																							
3	1-5%																							
4	6-49%																							
5	>=50%																							
	138	alk_ihc Show the field ONLY if: [histo(1)] = '1'	ALK IHC	radio <table><tr><td>1</td><td>Positive</td></tr><tr><td>2</td><td>Negative</td></tr></table>	1	Positive	2	Negative																
1	Positive																							
2	Negative																							

	139	ros1_ihc Show the field ONLY if: [histo(1)] = '1'	ROS1 IHC	radio <table><tr><td>1</td><td>Positive</td></tr><tr><td>2</td><td>Negative</td></tr></table>	1	Positive	2	Negative																																															
1	Positive																																																						
2	Negative																																																						
	140	ngs Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Next generation sequencing performed?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																																															
1	Yes																																																						
0	No																																																						
	141	mut Show the field ONLY if: [ngs] = '1'	Mutations detected <i>Check all that apply</i>	checkbox <table><tr><td>1</td><td>mut__1</td><td>EGFR L858R</td></tr><tr><td>2</td><td>mut__2</td><td>EGFR ex19 del</td></tr><tr><td>3</td><td>mut__3</td><td>EGFR other activating</td></tr><tr><td>4</td><td>mut__4</td><td>EGFR T790M</td></tr><tr><td>5</td><td>mut__5</td><td>EGFR ex20 ins</td></tr><tr><td>6</td><td>mut__6</td><td>EGFR other resistant</td></tr><tr><td>7</td><td>mut__7</td><td>KRAS</td></tr><tr><td>8</td><td>mut__8</td><td>NRAS</td></tr><tr><td>9</td><td>mut__9</td><td>HRAS</td></tr><tr><td>10</td><td>mut__10</td><td>TP53</td></tr><tr><td>11</td><td>mut__11</td><td>PIK3CA</td></tr><tr><td>12</td><td>mut__12</td><td>MET</td></tr><tr><td>13</td><td>mut__13</td><td>BRAF</td></tr><tr><td>14</td><td>mut__14</td><td>KEAP1</td></tr><tr><td>15</td><td>mut__15</td><td>NFE2L2</td></tr><tr><td>16</td><td>mut__16</td><td>FGFR1-3</td></tr><tr><td>99</td><td>mut__99</td><td>Other</td></tr></table>	1	mut__1	EGFR L858R	2	mut__2	EGFR ex19 del	3	mut__3	EGFR other activating	4	mut__4	EGFR T790M	5	mut__5	EGFR ex20 ins	6	mut__6	EGFR other resistant	7	mut__7	KRAS	8	mut__8	NRAS	9	mut__9	HRAS	10	mut__10	TP53	11	mut__11	PIK3CA	12	mut__12	MET	13	mut__13	BRAF	14	mut__14	KEAP1	15	mut__15	NFE2L2	16	mut__16	FGFR1-3	99	mut__99	Other
1	mut__1	EGFR L858R																																																					
2	mut__2	EGFR ex19 del																																																					
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6	mut__6	EGFR other resistant																																																					
7	mut__7	KRAS																																																					
8	mut__8	NRAS																																																					
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10	mut__10	TP53																																																					
11	mut__11	PIK3CA																																																					
12	mut__12	MET																																																					
13	mut__13	BRAF																																																					
14	mut__14	KEAP1																																																					
15	mut__15	NFE2L2																																																					
16	mut__16	FGFR1-3																																																					
99	mut__99	Other																																																					

	142	fusion_adeno Show the field ONLY if: [ngs] = '1'	Fusion detected	radio <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>ALK</td></tr><tr><td>2</td><td>ROS1</td></tr><tr><td>3</td><td>NTRK1-3</td></tr><tr><td>4</td><td>RET</td></tr><tr><td>5</td><td>NRG</td></tr><tr><td>99</td><td>Other</td></tr></table>	0	None	1	ALK	2	ROS1	3	NTRK1-3	4	RET	5	NRG	99	Other								
0	None																									
1	ALK																									
2	ROS1																									
3	NTRK1-3																									
4	RET																									
5	NRG																									
99	Other																									
	143	t_stage Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Section Header: <i>IASLC 8th edition TNM staging</i> Tumor (T) <i>Indicate the T-stage, according to the IASLC 8th edition TNM staging. Size:1a:<=10; 1b:11-20; 1c:21-30; 2a:31-40; 2b:41-50; 3:51-70; 4:>70</i>	radio <table><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>is</td></tr><tr><td>2</td><td>1mi</td></tr><tr><td>3</td><td>1a</td></tr><tr><td>4</td><td>1b</td></tr><tr><td>5</td><td>1c</td></tr><tr><td>6</td><td>2a</td></tr><tr><td>7</td><td>2b</td></tr><tr><td>8</td><td>3</td></tr><tr><td>9</td><td>4</td></tr><tr><td>10</td><td>x</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	0	1	is	2	1mi	3	1a	4	1b	5	1c	6	2a	7	2b	8	3	9	4	10	x
0	0																									
1	is																									
2	1mi																									
3	1a																									
4	1b																									
5	1c																									
6	2a																									
7	2b																									
8	3																									
9	4																									
10	x																									
	144	vpi Show the field ONLY if: [t_stage] = '6' or [t_stage] = '7'	Visceral Pleural Invasion <i>Indicate if visceral pleural invasion has occurred if T-stage ≥ 2a.</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No																		
1	Yes																									
0	No																									

145	n_stage Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Node (N) Indicate the N-stage, according to the IASLC 8th edition TNM staging.	radio <table><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	0	1	1	2	2	3	3
0	0										
1	1										
2	2										
3	3										
146	multi_n2 Show the field ONLY if: [n_stage] = '2'	Multi-Station N2 Indicate if the cancer is N2 involving multiple mediastinal lymph node stations.	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No				
1	Yes										
0	No										
147	m_stage Show the field ONLY if: [lcs] = '1' and [ben_dx] = '0'	Metastasis (M) Indicate the M-stage, according to the IASLC 8th edition TNM staging. 1a = intrathoracic; 1b = solitary extrathoracic; 1c = multiple site.	radio <table><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1a</td></tr><tr><td>2</td><td>1b</td></tr><tr><td>3</td><td>1c</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	0	1	1a	2	1b	3	1c
0	0										
1	1a										
2	1b										
3	1c										
148	margin Show the field ONLY if: [lcs] = '1' and [nscic_pall] <> '1' and [ben_dx] = '0'	Resection Margin Indicate the completeness of the resection as reported on the operative note or final pathology report.	radio, Required <table><tr><td>0</td><td>R0 (no residual tumour at any margin)</td></tr><tr><td>1</td><td>R1 (microscopic residual tumor)</td></tr><tr><td>2</td><td>R2 (macroscopic residual tumor)</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	R0 (no residual tumour at any margin)	1	R1 (microscopic residual tumor)	2	R2 (macroscopic residual tumor)		
0	R0 (no residual tumour at any margin)										
1	R1 (microscopic residual tumor)										
2	R2 (macroscopic residual tumor)										

	149	lung_cancer_pathology_module_mandatory_if_nsclc_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete															
1	Unverified															
2	Complete															
Instrument: Complication Data (Mandatory If NSCLC suspected or proven) (complication_data_mandatory_if_nsclc_suspected_or) ^ Collapse																
	150	ctcae	Section Header: <i>Complications</i> Complication Level For more Information. <i>Indicate the level of most severe complication. Check highest level. CTCAE 1 or 2 are not reportable</i>	radio, Required <table><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>CTCAE 1</td></tr><tr><td>2</td><td>CTCAE 2</td></tr><tr><td>3</td><td>CTCAE 3</td></tr><tr><td>4</td><td>CTCAE 4</td></tr><tr><td>5</td><td>CTCAE 5</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"	0	None	1	CTCAE 1	2	CTCAE 2	3	CTCAE 3	4	CTCAE 4	5	CTCAE 5
0	None															
1	CTCAE 1															
2	CTCAE 2															
3	CTCAE 3															
4	CTCAE 4															
5	CTCAE 5															

	151	complx_pul Show the field ONLY if: [ctcae] = '3' or [ctcae] = '4' or [ctcae] = '5'	Pulmonary Complications CTCAE 3 or above? CTCAE 3 = extended LOS, readmit, Return to theatre, IV medical therapy, significant sequelae, unplanned admit to ICU. CTCAE 4 = Life-threatening. CTCAE 5 = Mortality	checkbox, Required <table><tr><td>0</td><td>complx_pul__0</td><td>None</td></tr><tr><td>1</td><td>complx_pul__1</td><td>Air leak > 7 days</td></tr><tr><td>7</td><td>complx_pul__7</td><td>Bronchopleural fistula</td></tr><tr><td>4</td><td>complx_pul__4</td><td>Pneumonia</td></tr><tr><td>12</td><td>complx_pul__12</td><td>Acute respiratory distress syndrome</td></tr><tr><td>2</td><td>complx_pul__2</td><td>Atelectasis requiring bronchoscopy</td></tr><tr><td>5</td><td>complx_pul__5</td><td>Respiratory failure requiring non-invasive ventilation</td></tr><tr><td>6</td><td>complx_pul__6</td><td>Re-intubation</td></tr><tr><td>9</td><td>complx_pul__9</td><td>Prolonged ventilation > 24 hours</td></tr><tr><td>11</td><td>complx_pul__11</td><td>Tracheostomy</td></tr><tr><td>8</td><td>complx_pul__8</td><td>Pulmonary embolism</td></tr><tr><td>3</td><td>complx_pul__3</td><td>Pleural effusion requiring drainage</td></tr><tr><td>10</td><td>complx_pul__10</td><td>Pneumothorax requiring drainage</td></tr><tr><td>14</td><td>complx_pul__14</td><td>Haemothorax</td></tr><tr><td>13</td><td>complx_pul__13</td><td>Chylothorax</td></tr><tr><td>99</td><td>complx_pul__99</td><td>Other pulmonary complication</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0'	0	complx_pul__0	None	1	complx_pul__1	Air leak > 7 days	7	complx_pul__7	Bronchopleural fistula	4	complx_pul__4	Pneumonia	12	complx_pul__12	Acute respiratory distress syndrome	2	complx_pul__2	Atelectasis requiring bronchoscopy	5	complx_pul__5	Respiratory failure requiring non-invasive ventilation	6	complx_pul__6	Re-intubation	9	complx_pul__9	Prolonged ventilation > 24 hours	11	complx_pul__11	Tracheostomy	8	complx_pul__8	Pulmonary embolism	3	complx_pul__3	Pleural effusion requiring drainage	10	complx_pul__10	Pneumothorax requiring drainage	14	complx_pul__14	Haemothorax	13	complx_pul__13	Chylothorax	99	complx_pul__99	Other pulmonary complication
0	complx_pul__0	None																																																		
1	complx_pul__1	Air leak > 7 days																																																		
7	complx_pul__7	Bronchopleural fistula																																																		
4	complx_pul__4	Pneumonia																																																		
12	complx_pul__12	Acute respiratory distress syndrome																																																		
2	complx_pul__2	Atelectasis requiring bronchoscopy																																																		
5	complx_pul__5	Respiratory failure requiring non-invasive ventilation																																																		
6	complx_pul__6	Re-intubation																																																		
9	complx_pul__9	Prolonged ventilation > 24 hours																																																		
11	complx_pul__11	Tracheostomy																																																		
8	complx_pul__8	Pulmonary embolism																																																		
3	complx_pul__3	Pleural effusion requiring drainage																																																		
10	complx_pul__10	Pneumothorax requiring drainage																																																		
14	complx_pul__14	Haemothorax																																																		
13	complx_pul__13	Chylothorax																																																		
99	complx_pul__99	Other pulmonary complication																																																		
	152	pulcx_otht Show the field ONLY if: [complx_pul(99)] = '1'	Other Pulmonary Complication Type Indicate if the patient has suffered any other pulmonary complication, not indicated above, that is CTCAE>=2.	text, Required Field Annotation: @FIELD-NOTES-DISPLAY="hover"																																																

153	complx_car Show the field ONLY if: [ctcae] = '3' or [ctcae] = '4' or [ctcae] = '5'	Cardiovascular complications	checkbox, Required <table><tr><td>0</td><td>complx_car__0</td><td>None</td></tr><tr><td>1</td><td>complx_car__1</td><td>New arrhythmia requiring treatment</td></tr><tr><td>2</td><td>complx_car__2</td><td>Myocardial infarction</td></tr><tr><td>3</td><td>complx_car__3</td><td>DVT requiring treatment</td></tr><tr><td>99</td><td>complx_car__99</td><td>Other cardiovascular event</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0'	0	complx_car__0	None	1	complx_car__1	New arrhythmia requiring treatment	2	complx_car__2	Myocardial infarction	3	complx_car__3	DVT requiring treatment	99	complx_car__99	Other cardiovascular event			
0	complx_car__0	None																			
1	complx_car__1	New arrhythmia requiring treatment																			
2	complx_car__2	Myocardial infarction																			
3	complx_car__3	DVT requiring treatment																			
99	complx_car__99	Other cardiovascular event																			
154	narrt Show the field ONLY if: [complx_car(1)] = '1'	Arrhythmia Type <i>Did any new form of cardiac arrhythmia occur that required treatment?</i>	checkbox <table><tr><td>1</td><td>narrt__1</td><td>New atrial fibrillation or flutter</td></tr><tr><td>2</td><td>narrt__2</td><td>New heart block (requiring PPM)</td></tr><tr><td>99</td><td>narrt__99</td><td>Other arrhythmia (requiring PPM or medical intervention)</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	narrt__1	New atrial fibrillation or flutter	2	narrt__2	New heart block (requiring PPM)	99	narrt__99	Other arrhythmia (requiring PPM or medical intervention)									
1	narrt__1	New atrial fibrillation or flutter																			
2	narrt__2	New heart block (requiring PPM)																			
99	narrt__99	Other arrhythmia (requiring PPM or medical intervention)																			
155	poco Show the field ONLY if: [complx_car(99)] = '1'	Specify Other Cardiovascular Event <i>Describe the other cardiovascular event</i>	text																		
156	complx_neu Show the field ONLY if: [ctcae] = '3' or [ctcae] = '4' or [ctcae] = '5'	Neurological complications	checkbox, Required <table><tr><td>0</td><td>complx_neu__0</td><td>None</td></tr><tr><td>1</td><td>complx_neu__1</td><td>Stroke</td></tr><tr><td>2</td><td>complx_neu__2</td><td>Delirium</td></tr><tr><td>3</td><td>complx_neu__3</td><td>Recurrent laryngeal nerve paresis (unexpected)</td></tr><tr><td>4</td><td>complx_neu__4</td><td>Phrenic nerve paresis (unexpected)</td></tr><tr><td>99</td><td>complx_neu__99</td><td>Other neurological event</td></tr></table> Field Annotation: @NONEOFTHEABOVE='0'	0	complx_neu__0	None	1	complx_neu__1	Stroke	2	complx_neu__2	Delirium	3	complx_neu__3	Recurrent laryngeal nerve paresis (unexpected)	4	complx_neu__4	Phrenic nerve paresis (unexpected)	99	complx_neu__99	Other neurological event
0	complx_neu__0	None																			
1	complx_neu__1	Stroke																			
2	complx_neu__2	Delirium																			
3	complx_neu__3	Recurrent laryngeal nerve paresis (unexpected)																			
4	complx_neu__4	Phrenic nerve paresis (unexpected)																			
99	complx_neu__99	Other neurological event																			

157	complx_inf Show the field ONLY if: [ctcae] = '3' or [ctcae] = '4' or [ctcae] = '5'	Infective complications	checkbox, Required <table><tr><td>0</td><td>complx_inf__0</td><td>None</td></tr><tr><td>1</td><td>complx_inf__1</td><td>Superficial Access-Wound Infection</td></tr><tr><td>2</td><td>complx_inf__2</td><td>Deep Thoracotomy Wound Infection</td></tr><tr><td>3</td><td>complx_inf__3</td><td>Deep Sternal Wound Infection</td></tr><tr><td>4</td><td>complx_inf__4</td><td>Septicaemia</td></tr><tr><td>5</td><td>complx_inf__5</td><td>Empyema</td></tr><tr><td>99</td><td>complx_inf__99</td><td>Other infection requiring IV antibiotic</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0'	0	complx_inf__0	None	1	complx_inf__1	Superficial Access-Wound Infection	2	complx_inf__2	Deep Thoracotomy Wound Infection	3	complx_inf__3	Deep Sternal Wound Infection	4	complx_inf__4	Septicaemia	5	complx_inf__5	Empyema	99	complx_inf__99	Other infection requiring IV antibiotic
0	complx_inf__0	None																						
1	complx_inf__1	Superficial Access-Wound Infection																						
2	complx_inf__2	Deep Thoracotomy Wound Infection																						
3	complx_inf__3	Deep Sternal Wound Infection																						
4	complx_inf__4	Septicaemia																						
5	complx_inf__5	Empyema																						
99	complx_inf__99	Other infection requiring IV antibiotic																						
158	cva_p_t Show the field ONLY if: [complx_neu(1)] = '1'	Stroke Severity	radio <table><tr><td>1</td><td>Permanent</td></tr><tr><td>2</td><td>Transient</td></tr></table>	1	Permanent	2	Transient																	
1	Permanent																							
2	Transient																							
159	complx_mis Show the field ONLY if: [ctcae] = '3' or [ctcae] = '4' or [ctcae] = '5'	Miscellaneous complications	checkbox, Required <table><tr><td>0</td><td>complx_mis__0</td><td>None</td></tr><tr><td>1</td><td>complx_mis__1</td><td>GI complication</td></tr><tr><td>2</td><td>complx_mis__2</td><td>New renal failure</td></tr><tr><td>3</td><td>complx_mis__3</td><td>Multi-system failure</td></tr><tr><td>99</td><td>complx_mis__99</td><td>Other, specify</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0'	0	complx_mis__0	None	1	complx_mis__1	GI complication	2	complx_mis__2	New renal failure	3	complx_mis__3	Multi-system failure	99	complx_mis__99	Other, specify						
0	complx_mis__0	None																						
1	complx_mis__1	GI complication																						
2	complx_mis__2	New renal failure																						
3	complx_mis__3	Multi-system failure																						
99	complx_mis__99	Other, specify																						
160	oth_mis_sp Show the field ONLY if: [complx_mis(99)] = '1'	Specify other complication <i>Describe the other complication</i>	text, Required																					

161	rtt Show the field ONLY if: [ctcae] = '3' or [ctcae] = '4' or [ctcae] = '5'	Was there an unplanned return to theatre? <i>Did the patient return to the operating theatre?</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No																													
1	Yes																																			
0	No																																			
162	rtt_r Show the field ONLY if: [rtt] = '1'	Return to Theatre Reason <i>What was the reason for returning to the operating theatre. Check all that apply.</i>	checkbox, Required <table><tr><td>0</td><td>rtt_r__0</td><td>None</td></tr><tr><td>1</td><td>rtt_r__1</td><td>Bleeding/tamponade</td></tr><tr><td>2</td><td>rtt_r__2</td><td>Sputum retention</td></tr><tr><td>3</td><td>rtt_r__3</td><td>Prolonged air leak</td></tr><tr><td>4</td><td>rtt_r__4</td><td>Empyema decortication</td></tr><tr><td>5</td><td>rtt_r__5</td><td>Bronchopleural fistula</td></tr><tr><td>6</td><td>rtt_r__6</td><td>Haemoptysis</td></tr><tr><td>7</td><td>rtt_r__7</td><td>Deep wound infection</td></tr><tr><td>8</td><td>rtt_r__8</td><td>Middle lobe torsion</td></tr><tr><td>9</td><td>rtt_r__9</td><td>Completion of involved margin</td></tr><tr><td>99</td><td>rtt_r__99</td><td>Other</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	rtt_r__0	None	1	rtt_r__1	Bleeding/tamponade	2	rtt_r__2	Sputum retention	3	rtt_r__3	Prolonged air leak	4	rtt_r__4	Empyema decortication	5	rtt_r__5	Bronchopleural fistula	6	rtt_r__6	Haemoptysis	7	rtt_r__7	Deep wound infection	8	rtt_r__8	Middle lobe torsion	9	rtt_r__9	Completion of involved margin	99	rtt_r__99	Other
0	rtt_r__0	None																																		
1	rtt_r__1	Bleeding/tamponade																																		
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3	rtt_r__3	Prolonged air leak																																		
4	rtt_r__4	Empyema decortication																																		
5	rtt_r__5	Bronchopleural fistula																																		
6	rtt_r__6	Haemoptysis																																		
7	rtt_r__7	Deep wound infection																																		
8	rtt_r__8	Middle lobe torsion																																		
9	rtt_r__9	Completion of involved margin																																		
99	rtt_r__99	Other																																		
163	rtt_ro Show the field ONLY if: [rtt_r(99)] = '1'	Other Reason for Return to Theatre <i>What was the other reason the patient returned to theatre?</i>	text, Required Field Annotation: @FIELD-NOTES-DISPLAY="hover"																																	
164	reicu Show the field ONLY if: [ctcae] = '4' or [ctcae] = '5'	Unplanned Admission to ICU/HDU <i>Did the patient require unplanned admission to ICU or HDU (including coronary care unit)?</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No																													
1	Yes																																			
0	No																																			

165	uicu_r Show the field ONLY if: [reicu] = '1'	Unplanned admission to ICU or HDU <i>What was the MAIN reason the patient required unplanned admission to ICU or HDU (including coronary care unit or high dependency respiratory unit, except if a boarder due to bed shortage)? Check all that apply.</i>	checkbox <table><tr><td>0</td><td>uicu_r__0</td><td>None</td></tr><tr><td>1</td><td>uicu_r__1</td><td>Haemofiltration</td></tr><tr><td>2</td><td>uicu_r__2</td><td>Myocardial Infarction</td></tr><tr><td>3</td><td>uicu_r__3</td><td>Cardiogenic Shock</td></tr><tr><td>4</td><td>uicu_r__4</td><td>Cardiac Arrest</td></tr><tr><td>5</td><td>uicu_r__5</td><td>Respiratory Failure</td></tr><tr><td>6</td><td>uicu_r__6</td><td>Cerebrovascular Accident</td></tr><tr><td>7</td><td>uicu_r__7</td><td>Septicaemia</td></tr><tr><td>8</td><td>uicu_r__8</td><td>Multisystem Failure</td></tr><tr><td>99</td><td>uicu_r__99</td><td>Other</td></tr></table> Field Annotation: @NONEOFTHEABOVE='0' @FIELD-NOTES-DISPLAY="hover"	0	uicu_r__0	None	1	uicu_r__1	Haemofiltration	2	uicu_r__2	Myocardial Infarction	3	uicu_r__3	Cardiogenic Shock	4	uicu_r__4	Cardiac Arrest	5	uicu_r__5	Respiratory Failure	6	uicu_r__6	Cerebrovascular Accident	7	uicu_r__7	Septicaemia	8	uicu_r__8	Multisystem Failure	99	uicu_r__99	Other
0	uicu_r__0	None																															
1	uicu_r__1	Haemofiltration																															
2	uicu_r__2	Myocardial Infarction																															
3	uicu_r__3	Cardiogenic Shock																															
4	uicu_r__4	Cardiac Arrest																															
5	uicu_r__5	Respiratory Failure																															
6	uicu_r__6	Cerebrovascular Accident																															
7	uicu_r__7	Septicaemia																															
8	uicu_r__8	Multisystem Failure																															
99	uicu_r__99	Other																															
166	comments_postop	Section Header: <i>Comments</i> Comments	notes																														
167	complication_data_mandatory_if_nsclc_suspected_or_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete																								
0	Incomplete																																
1	Unverified																																
2	Complete																																

Instrument: **Extended Dataset Pathology Module** (extended_dataset_pathology_module)

^ Collapse

168	thopath	Thoracic Pathology Group Indicate the primary diagnosis (category of disease) for which the procedure was performed. Lung - Other includes diagnostic/palliative NSCLC	dropdown (autocomplete) <table><tr><td>1</td><td>Lung - Other</td></tr><tr><td>2</td><td>Pleura</td></tr><tr><td>3</td><td>Thymus / Mediastinal Mass</td></tr><tr><td>4</td><td>Trachea</td></tr><tr><td>5</td><td>Oesophagus Cancer</td></tr><tr><td>6</td><td>Hiatus Hernia / GORD</td></tr><tr><td>7</td><td>Oesophagus - Other</td></tr><tr><td>8</td><td>Pericardial</td></tr><tr><td>9</td><td>Chest Wall / Diaphragm</td></tr><tr><td>10</td><td>Trauma</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Lung - Other	2	Pleura	3	Thymus / Mediastinal Mass	4	Trachea	5	Oesophagus Cancer	6	Hiatus Hernia / GORD	7	Oesophagus - Other	8	Pericardial	9	Chest Wall / Diaphragm	10	Trauma						
1	Lung - Other																												
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9	Chest Wall / Diaphragm																												
10	Trauma																												
169	thopath_lo Show the field ONLY if: [thopath] = '1'	Lung - Other Indicate the primary diagnosis (lung pathology - other) for which the procedure was performed.	radio <table><tr><td>1</td><td>Acute respiratory failure</td></tr><tr><td>2</td><td>Aspergillosis</td></tr><tr><td>3</td><td>Bronchiectasis</td></tr><tr><td>4</td><td>Cystic fibrosis with pulmonary manifestations</td></tr><tr><td>5</td><td>Emphysema</td></tr><tr><td>6</td><td>Emphysematous bulla</td></tr><tr><td>7</td><td>Gangrene and necrosis of lung</td></tr><tr><td>8</td><td>Haemoptysis unspecified</td></tr><tr><td>9</td><td>Interstitial lung disease/fibrosis</td></tr><tr><td>10</td><td>Lung abscess</td></tr><tr><td>11</td><td>NSCLC, metastatic/diagnostic</td></tr><tr><td>12</td><td>Pneumothorax</td></tr><tr><td>13</td><td>Pneumonia</td></tr></table>	1	Acute respiratory failure	2	Aspergillosis	3	Bronchiectasis	4	Cystic fibrosis with pulmonary manifestations	5	Emphysema	6	Emphysematous bulla	7	Gangrene and necrosis of lung	8	Haemoptysis unspecified	9	Interstitial lung disease/fibrosis	10	Lung abscess	11	NSCLC, metastatic/diagnostic	12	Pneumothorax	13	Pneumonia
1	Acute respiratory failure																												
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4	Cystic fibrosis with pulmonary manifestations																												
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12	Pneumothorax																												
13	Pneumonia																												

				<table><tr><td>14</td><td>Post inflammatory pulmonary fibrosis</td></tr><tr><td>15</td><td>Sarcoidosis</td></tr><tr><td>16</td><td>Granulomatous disease, NOS</td></tr><tr><td>17</td><td>Primary pulmonary hypertension</td></tr><tr><td>18</td><td>Pulmonary insufficiency following surgery/trauma (ARDS)</td></tr><tr><td>19</td><td>Pulmonary sequestration</td></tr><tr><td>20</td><td>Persistent post-op fistula not otherwise classified</td></tr><tr><td>21</td><td>Post-operative air leak</td></tr><tr><td>22</td><td>Secondary malignant neoplasm of other site</td></tr><tr><td>23</td><td>Benign/Non-neoplastic process</td></tr><tr><td>24</td><td>Small Cell Lung Cancer</td></tr><tr><td>99</td><td>Other (Specify)</td></tr></table> Field Annotation: @HIDECHOICE='6' @FIELD-NOTES-DISPLAY="hover"	14	Post inflammatory pulmonary fibrosis	15	Sarcoidosis	16	Granulomatous disease, NOS	17	Primary pulmonary hypertension	18	Pulmonary insufficiency following surgery/trauma (ARDS)	19	Pulmonary sequestration	20	Persistent post-op fistula not otherwise classified	21	Post-operative air leak	22	Secondary malignant neoplasm of other site	23	Benign/Non-neoplastic process	24	Small Cell Lung Cancer	99	Other (Specify)
14	Post inflammatory pulmonary fibrosis																											
15	Sarcoidosis																											
16	Granulomatous disease, NOS																											
17	Primary pulmonary hypertension																											
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20	Persistent post-op fistula not otherwise classified																											
21	Post-operative air leak																											
22	Secondary malignant neoplasm of other site																											
23	Benign/Non-neoplastic process																											
24	Small Cell Lung Cancer																											
99	Other (Specify)																											
	170	thopath_lo_oth Show the field ONLY if: [thopath_lo] = '99'	Specify other lung pathology <i>Add details of lung other pathology.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"																								

171	thopath_pl Show the field ONLY if: [thopath] = '2'	Pleura <i>Indicate the primary diagnosis (pleural pathology) for which the procedure was performed.</i>	<table><tr><th colspan="2">radio</th></tr><tr><td>1</td><td>Chylothorax</td></tr><tr><td>2</td><td>Empyema with fistula</td></tr><tr><td>3</td><td>Empyema without fistula</td></tr><tr><td>4</td><td>Empyema, tuberculosis</td></tr><tr><td>5</td><td>Haemorrhage complicating a procedure</td></tr><tr><td>6</td><td>Haematoma complicating a procedure</td></tr><tr><td>7</td><td>Malignant neoplasm other specified sites of pleura</td></tr><tr><td>8</td><td>Malignant tumour of pleura, unspecified (e.g. mesothelioma)</td></tr><tr><td>9</td><td>Pleural effusion, infected</td></tr><tr><td>10</td><td>Pleural effusion, malignant</td></tr><tr><td>11</td><td>Pleural effusion sterile</td></tr><tr><td>12</td><td>Pleural effusion, other specified, except TB</td></tr><tr><td>13</td><td>Pleural thickening</td></tr><tr><td>14</td><td>Pleural tumour, benign</td></tr><tr><td>15</td><td>Pleural tumour, metastatic</td></tr><tr><td>16</td><td>Pleural effusion, TB, (Tuberculous pleurisy)</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	radio		1	Chylothorax	2	Empyema with fistula	3	Empyema without fistula	4	Empyema, tuberculosis	5	Haemorrhage complicating a procedure	6	Haematoma complicating a procedure	7	Malignant neoplasm other specified sites of pleura	8	Malignant tumour of pleura, unspecified (e.g. mesothelioma)	9	Pleural effusion, infected	10	Pleural effusion, malignant	11	Pleural effusion sterile	12	Pleural effusion, other specified, except TB	13	Pleural thickening	14	Pleural tumour, benign	15	Pleural tumour, metastatic	16	Pleural effusion, TB, (Tuberculous pleurisy)
radio																																					
1	Chylothorax																																				
2	Empyema with fistula																																				
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4	Empyema, tuberculosis																																				
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8	Malignant tumour of pleura, unspecified (e.g. mesothelioma)																																				
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14	Pleural tumour, benign																																				
15	Pleural tumour, metastatic																																				
16	Pleural effusion, TB, (Tuberculous pleurisy)																																				
172	thopath_thm Show the field ONLY if: [thopath] = '3'	Thymus / Mediastinal Mass <i>Indicate the primary diagnosis (thymus/mediastinal pathology) for which the procedure was performed.</i>	<table><tr><th colspan="2">radio</th></tr><tr><td>1</td><td>Anterior mediastinal tumour - primary (germ cell cancer, NSGCT, seminoma)</td></tr><tr><td>2</td><td>Anterior mediastinal tumour - metastatic</td></tr><tr><td>3</td><td>Anterior mediastinal tumour, benign (e.g. teratoma)</td></tr><tr><td>4</td><td>Benign neoplasm of thymus</td></tr></table>	radio		1	Anterior mediastinal tumour - primary (germ cell cancer, NSGCT, seminoma)	2	Anterior mediastinal tumour - metastatic	3	Anterior mediastinal tumour, benign (e.g. teratoma)	4	Benign neoplasm of thymus																								
radio																																					
1	Anterior mediastinal tumour - primary (germ cell cancer, NSGCT, seminoma)																																				
2	Anterior mediastinal tumour - metastatic																																				
3	Anterior mediastinal tumour, benign (e.g. teratoma)																																				
4	Benign neoplasm of thymus																																				

5	Lymphoma, intrathoracic
6	Neoplasm of uncertain behaviour of pleura, thymus or mediastinum
7	Myasthenia gravis (auto-immune)
8	Mediastinal nodes, metastatic
9	Mediastinal cyst, Pericardial
10	Mediastinal cyst, Thymic
11	Mediastinal nodes, benign
12	Mediastinal abscess
13	Mediastinal cyst, Bronchogenic
14	Mediastinal cyst, Foregut duplication
15	Mediastinitis
16	Posterior mediastinal malignant tumour - primary
17	Posterior mediastinal tumour - metastatic
18	Posterior mediastinal tumour, benign(neurogenic)
19	Thymic tumour (thymoma, thymic carcinoma, TNET)
20	Thyroid goitre, multinodular
21	Thyroid neoplasm, benign
22	Thyroid neoplasm, malignant
23	Unspecified disease of thymus gland

Field Annotation: @FIELD-NOTES-DISPLAY="hover"

173	thopath_trach Show the field ONLY if: [thopath] = '4'	Tracheobronchial Indicate the primary diagnosis (tracheal pathology) for which the procedure was performed.	radio <table><tr><td>1</td><td>Subglottic stenosis, congenital</td></tr><tr><td>2</td><td>Subglottic stenosis, acquired (post intubation)</td></tr><tr><td>3</td><td>Tracheobronchial stenosis, acquired</td></tr><tr><td>4</td><td>Tracheobronchial tumour, malignant</td></tr><tr><td>5</td><td>Tracheobronchial tumour, benign</td></tr><tr><td>6</td><td>Tracheobronchial tumour, metastatic</td></tr><tr><td>7</td><td>Tracheobronchial stenosis, congenital</td></tr><tr><td>8</td><td>Tracheomalacia, congenital</td></tr><tr><td>9</td><td>Tracheomalacia, acquired</td></tr><tr><td>10</td><td>Tracheostomy related stenosis</td></tr><tr><td>11</td><td>Tracheostomy, haemorrhage</td></tr><tr><td>12</td><td>Vocal cord paralysis unspecified</td></tr><tr><td>13</td><td>Vocal cord paralysis, unilateral</td></tr><tr><td>14</td><td>Vocal cord paralysis, bilateral</td></tr><tr><td>15</td><td>Foreign body</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Subglottic stenosis, congenital	2	Subglottic stenosis, acquired (post intubation)	3	Tracheobronchial stenosis, acquired	4	Tracheobronchial tumour, malignant	5	Tracheobronchial tumour, benign	6	Tracheobronchial tumour, metastatic	7	Tracheobronchial stenosis, congenital	8	Tracheomalacia, congenital	9	Tracheomalacia, acquired	10	Tracheostomy related stenosis	11	Tracheostomy, haemorrhage	12	Vocal cord paralysis unspecified	13	Vocal cord paralysis, unilateral	14	Vocal cord paralysis, bilateral	15	Foreign body
1	Subglottic stenosis, congenital																																
2	Subglottic stenosis, acquired (post intubation)																																
3	Tracheobronchial stenosis, acquired																																
4	Tracheobronchial tumour, malignant																																
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10	Tracheostomy related stenosis																																
11	Tracheostomy, haemorrhage																																
12	Vocal cord paralysis unspecified																																
13	Vocal cord paralysis, unilateral																																
14	Vocal cord paralysis, bilateral																																
15	Foreign body																																

174	thoproc_oc Show the field ONLY if: [thopath] = '5'	Oesophagus Cancer <i>Indicate the primary diagnosis (oesophageal cancer) for which the procedure was performed.</i>	radio <table><tr><td>1</td><td>Oesophageal cancer, esophagogastric junction (cardia)</td></tr><tr><td>2</td><td>Oesophageal cancer, upper third</td></tr><tr><td>3</td><td>Oesophageal cancer, middle third</td></tr><tr><td>4</td><td>Oesophageal cancer-lower third</td></tr><tr><td>5</td><td>Malignant neoplasm of the oesophagus, unspecified</td></tr><tr><td>6</td><td>Malignant neoplasm of the stomach, unspecified</td></tr><tr><td>7</td><td>Malignant other part oesophagus, specified</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Oesophageal cancer, esophagogastric junction (cardia)	2	Oesophageal cancer, upper third	3	Oesophageal cancer, middle third	4	Oesophageal cancer-lower third	5	Malignant neoplasm of the oesophagus, unspecified	6	Malignant neoplasm of the stomach, unspecified	7	Malignant other part oesophagus, specified
1	Oesophageal cancer, esophagogastric junction (cardia)																
2	Oesophageal cancer, upper third																
3	Oesophageal cancer, middle third																
4	Oesophageal cancer-lower third																
5	Malignant neoplasm of the oesophagus, unspecified																
6	Malignant neoplasm of the stomach, unspecified																
7	Malignant other part oesophagus, specified																
175	oes_ca_histo Show the field ONLY if: [thopath] = '5'	Histology of Oesophageal Cancer	radio <table><tr><td>1</td><td>Adenocarcinoma</td></tr><tr><td>2</td><td>Squamous Cell Carcinoma</td></tr><tr><td>3</td><td>Neuroendocrine Carcinoma</td></tr><tr><td>99</td><td>Other, NOS</td></tr></table>	1	Adenocarcinoma	2	Squamous Cell Carcinoma	3	Neuroendocrine Carcinoma	99	Other, NOS						
1	Adenocarcinoma																
2	Squamous Cell Carcinoma																
3	Neuroendocrine Carcinoma																
99	Other, NOS																
176	thopath_hh Show the field ONLY if: [thopath] = '6'	Hiatal Hernia / GERD <i>Indicate the primary diagnosis (hiatus hernia/GORD related pathology) for which the procedure was performed.</i>	radio <table><tr><td>1</td><td>Barrett's oesophagus</td></tr><tr><td>2</td><td>Barrett's oesophagus with High Grade Dysplasia</td></tr><tr><td>3</td><td>Diaphragmatic hernia, with obstruction, without gangrene</td></tr><tr><td>4</td><td>Diaphragmatic hernia with gangrene</td></tr><tr><td>5</td><td>Diaphragmatic hernia without obstruction or gangrene</td></tr><tr><td>6</td><td>Oesophageal reflux (GORD)</td></tr><tr><td>7</td><td>Reflux oesophagitis</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Barrett's oesophagus	2	Barrett's oesophagus with High Grade Dysplasia	3	Diaphragmatic hernia, with obstruction, without gangrene	4	Diaphragmatic hernia with gangrene	5	Diaphragmatic hernia without obstruction or gangrene	6	Oesophageal reflux (GORD)	7	Reflux oesophagitis
1	Barrett's oesophagus																
2	Barrett's oesophagus with High Grade Dysplasia																
3	Diaphragmatic hernia, with obstruction, without gangrene																
4	Diaphragmatic hernia with gangrene																
5	Diaphragmatic hernia without obstruction or gangrene																
6	Oesophageal reflux (GORD)																
7	Reflux oesophagitis																

177	thopath_oo Show the field ONLY if: [thopath] = '7'	Oesophagus - Other <i>Indicate the primary diagnosis (oesophagus - other pathology) for which the procedure was performed.</i>	radio	
			1	Achalasia of oesophagus
			2	Acquired absence of oesophagus (post-oesophagectomy)
			3	Dyskinesia/spasm of oesophagus
			4	Epiphrenic diverticulum
			5	Foreign body oesophagus
			6	Gastric outlet obstruction, pyloric stenosis, acquired
			7	Mallory Weiss tear
			8	Oesophageal perforation
			9	Oesophageal stricture
			10	Oesophageal tumour, benign (i.e. leiomyoma)
			11	Oesophagitis
			12	Other disease of the oesophagus
			13	Other digestive system complication
			14	Stricture and stenosis of oesophagus
			15	Tracheoesophageal fistula
			16	Ulcer oesophagus with bleeding
			17	Ulcer esophagus without bleeding
			18	Zenkers diverticulum
			19	Dysphagia, unspecified
			Field Annotation: @FIELD-NOTES-DISPLAY="hover"	

	178	thopath_peric Show the field ONLY if: [thopath] = '8'	Pericardial <i>Indicate the primary diagnosis (pericardial disease) for which the procedure was performed.</i>	radio <table><tr><td>1</td><td>Cardiac tamponade</td></tr><tr><td>2</td><td>Pericardial effusion, malignant</td></tr><tr><td>3</td><td>Pericarditis with effusion</td></tr><tr><td>4</td><td>Pericarditis, constrictive</td></tr><tr><td>5</td><td>SVC Syndrome</td></tr><tr><td>6</td><td>Unspecified disease of the pericardium</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Cardiac tamponade	2	Pericardial effusion, malignant	3	Pericarditis with effusion	4	Pericarditis, constrictive	5	SVC Syndrome	6	Unspecified disease of the pericardium																		
1	Cardiac tamponade																																	
2	Pericardial effusion, malignant																																	
3	Pericarditis with effusion																																	
4	Pericarditis, constrictive																																	
5	SVC Syndrome																																	
6	Unspecified disease of the pericardium																																	
	179	thopath_cwd Show the field ONLY if: [thopath] = '9'	Chest Wall / Diaphragm <i>Indicate the primary diagnosis (chest wall or diaphragm pathology) for which the procedure was performed.</i>	radio <table><tr><td>1</td><td>Pectus carinatum</td></tr><tr><td>2</td><td>Pectus excavatum</td></tr><tr><td>3</td><td>Rib tumour, benign (e.g., fibrous dysplasia)</td></tr><tr><td>4</td><td>Rib tumour, malignant (e.g., osteosarcoma, chondrosarcoma)</td></tr><tr><td>5</td><td>Rib tumour, metastatic</td></tr><tr><td>6</td><td>Sternal tumour, benign</td></tr><tr><td>7</td><td>Sternal tumour, malignant</td></tr><tr><td>8</td><td>Sternal tumour, metastatic</td></tr><tr><td>9</td><td>Thoracic outlet syndrome</td></tr><tr><td>10</td><td>Diaphragm tumour, benign</td></tr><tr><td>11</td><td>Diaphragm tumour, malignant</td></tr><tr><td>12</td><td>Diaphragm tumour, metastatic</td></tr><tr><td>13</td><td>Diaphragmatic paralysis</td></tr><tr><td>14</td><td>Eventration</td></tr><tr><td>15</td><td>Hyperhidrosis</td></tr></table>	1	Pectus carinatum	2	Pectus excavatum	3	Rib tumour, benign (e.g., fibrous dysplasia)	4	Rib tumour, malignant (e.g., osteosarcoma, chondrosarcoma)	5	Rib tumour, metastatic	6	Sternal tumour, benign	7	Sternal tumour, malignant	8	Sternal tumour, metastatic	9	Thoracic outlet syndrome	10	Diaphragm tumour, benign	11	Diaphragm tumour, malignant	12	Diaphragm tumour, metastatic	13	Diaphragmatic paralysis	14	Eventration	15	Hyperhidrosis
1	Pectus carinatum																																	
2	Pectus excavatum																																	
3	Rib tumour, benign (e.g., fibrous dysplasia)																																	
4	Rib tumour, malignant (e.g., osteosarcoma, chondrosarcoma)																																	
5	Rib tumour, metastatic																																	
6	Sternal tumour, benign																																	
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10	Diaphragm tumour, benign																																	
11	Diaphragm tumour, malignant																																	
12	Diaphragm tumour, metastatic																																	
13	Diaphragmatic paralysis																																	
14	Eventration																																	
15	Hyperhidrosis																																	

				<table><tr><td>16</td><td>Malignant neoplasm of connective tissue and other soft tissue of the thorax</td></tr><tr><td>17</td><td>Malignant poorly differentiated neuroendocrine carcinoma, any site</td></tr><tr><td>18</td><td>Non-healing surgical wound</td></tr><tr><td>20</td><td>Intercostal Neuropathic Pain</td></tr><tr><td>19</td><td>Other post-op infection</td></tr><tr><td>21</td><td>Chest Wall Collection</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	16	Malignant neoplasm of connective tissue and other soft tissue of the thorax	17	Malignant poorly differentiated neuroendocrine carcinoma, any site	18	Non-healing surgical wound	20	Intercostal Neuropathic Pain	19	Other post-op infection	21	Chest Wall Collection		
16	Malignant neoplasm of connective tissue and other soft tissue of the thorax																	
17	Malignant poorly differentiated neuroendocrine carcinoma, any site																	
18	Non-healing surgical wound																	
20	Intercostal Neuropathic Pain																	
19	Other post-op infection																	
21	Chest Wall Collection																	
	180	thopath_traum Show the field ONLY if: [thopath] = '10'	Trauma <i>Indicate the primary diagnosis (thoracic trauma) for which the procedure was performed.</i>	radio <table><tr><td>1</td><td>Flail chest</td></tr><tr><td>2</td><td>Rib fracture</td></tr><tr><td>3</td><td>Rib fractures, multiple</td></tr><tr><td>4</td><td>Sternal fracture</td></tr><tr><td>5</td><td>Tracheal injury</td></tr><tr><td>6</td><td>Traumatic pneumothorax</td></tr><tr><td>7</td><td>Haemothorax</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Flail chest	2	Rib fracture	3	Rib fractures, multiple	4	Sternal fracture	5	Tracheal injury	6	Traumatic pneumothorax	7	Haemothorax
1	Flail chest																	
2	Rib fracture																	
3	Rib fractures, multiple																	
4	Sternal fracture																	
5	Tracheal injury																	
6	Traumatic pneumothorax																	
7	Haemothorax																	
	181	extended_dataset_pathology_module_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete								
0	Incomplete																	
1	Unverified																	
2	Complete																	

Instrument: **Discharge Readmission Data (Mandatory If NSCLC)** (discharge_readmission_data_mandatory_if_nsclc)

Collapse

Instrument: **Discharge Readmission Data (Mandatory If NSCLC)** (discharge_readmission_data_mandatory_if_nsclc)
[^ Collapse](#)

	182	rbc	Section Header: <i>Discharge</i> Were allogeneic red blood cells transfused during the intra-operative or post-operative period?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No								
1	Yes															
0	No															
	183	rbcunit Show the field ONLY if: [rbc] = '1'	Enter the total number of RBC units transfused <i>Number of units of RBC used in peri/post-operative period.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"												
	184	icc	ICC Removal Date <i>Date final ICC was removed.</i>	text (date_dmy) Field Annotation: @FIELD-NOTES-DISPLAY="hover"												
	185	dod	Date of Discharge <i>On what date was the patient discharged from inpatient status at the hospital where the procedure was performed?</i>	text (date_dmy), Required Field Annotation: @FIELD-NOTES-DISPLAY="hover"												
	186	los	Length of Stay <i>Calculated total length of stay for the index procedure.</i>	calc, Required Calculation: datediff([event-name][dop], [event-name][dod], "d", "DMY") Field Annotation: @FIELD-NOTES-DISPLAY="hover"												
	187	dischar	Discharge Destination <i>Indicate from the list the location where the patient was discharged to (from the hospital following the admission during where the index operation was performed).</i>	radio, Required <table><tr><td>1</td><td>Home</td></tr><tr><td>2</td><td>Hospital in the home</td></tr><tr><td>3</td><td>Rehabilitation unit/hospital</td></tr><tr><td>4</td><td>Local or referring hospital</td></tr><tr><td>5</td><td>Hospital mortality</td></tr><tr><td>6</td><td>Other Thoracic Unit</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Home	2	Hospital in the home	3	Rehabilitation unit/hospital	4	Local or referring hospital	5	Hospital mortality	6	Other Thoracic Unit
1	Home															
2	Hospital in the home															
3	Rehabilitation unit/hospital															
4	Local or referring hospital															
5	Hospital mortality															
6	Other Thoracic Unit															
	188	mort_d Show the field ONLY if: [dischar] = '5' or [stat_30d] = '1' or [stat_90d] = '1' or [ctcae] = '5'	Date of Death <i>Indicate the date of death.</i>	text (date_dmy), Required Field Annotation: @FIELD-NOTES-DISPLAY="hover"												

	189	disch_icc Show the field ONLY if: [dischar] <> '5'	Discharge with chest drain?	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No
1	Yes							
0	No							
	190	disch_o2 Show the field ONLY if: [dischar] <> '5'	Discharged with home oxygen <i>Indicate from the list the location where the patient was discharged to (from the hospital following the admission during where the index operation was performed). New therapy; not using O2 pre-op.</i>	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No
1	Yes							
0	No							
	191	read Show the field ONLY if: [dischar] <> '5'	Section Header: <i>Readmission Data</i> Was there an unplanned admission within 30 days after surgery? <i>Was the patient readmitted as an in-patient within 30 days from the date of surgery for ANY reason?</i>	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Yes	0	No
1	Yes							
0	No							

	192	read_r Show the field ONLY if: [read] = '1'	Readmission Reason	checkbox <table><tr><td>1</td><td>read_r__1</td><td>Completion surgery for involved margin</td></tr><tr><td>2</td><td>read_r__2</td><td>Pneumonia or other respiratory complication</td></tr><tr><td>3</td><td>read_r__3</td><td>Anticoagulant complication</td></tr><tr><td>4</td><td>read_r__4</td><td>Arrhythmia</td></tr><tr><td>5</td><td>read_r__5</td><td>Congestive heart failure</td></tr><tr><td>6</td><td>read_r__6</td><td>Pericardial effusion</td></tr><tr><td>7</td><td>read_r__7</td><td>Cardiac tamponade</td></tr><tr><td>8</td><td>read_r__8</td><td>Pleural effusion</td></tr><tr><td>9</td><td>read_r__9</td><td>Empyema or lung abscess</td></tr><tr><td>10</td><td>read_r__10</td><td>Bronchopleural fistula</td></tr><tr><td>11</td><td>read_r__11</td><td>Myocardial infarction</td></tr><tr><td>12</td><td>read_r__12</td><td>Readmission unrelated to thoracic surgery</td></tr><tr><td>13</td><td>read_r__13</td><td>Deep wound infection</td></tr><tr><td>99</td><td>read_r__99</td><td>Other complication related to thoracic surgery</td></tr><tr><td>-1</td><td>read_r__1</td><td>Unknown</td></tr></table> Field Annotation: @NONEOFTHEABOVE = '0'	1	read_r__1	Completion surgery for involved margin	2	read_r__2	Pneumonia or other respiratory complication	3	read_r__3	Anticoagulant complication	4	read_r__4	Arrhythmia	5	read_r__5	Congestive heart failure	6	read_r__6	Pericardial effusion	7	read_r__7	Cardiac tamponade	8	read_r__8	Pleural effusion	9	read_r__9	Empyema or lung abscess	10	read_r__10	Bronchopleural fistula	11	read_r__11	Myocardial infarction	12	read_r__12	Readmission unrelated to thoracic surgery	13	read_r__13	Deep wound infection	99	read_r__99	Other complication related to thoracic surgery	-1	read_r__1	Unknown
1	read_r__1	Completion surgery for involved margin																																															
2	read_r__2	Pneumonia or other respiratory complication																																															
3	read_r__3	Anticoagulant complication																																															
4	read_r__4	Arrhythmia																																															
5	read_r__5	Congestive heart failure																																															
6	read_r__6	Pericardial effusion																																															
7	read_r__7	Cardiac tamponade																																															
8	read_r__8	Pleural effusion																																															
9	read_r__9	Empyema or lung abscess																																															
10	read_r__10	Bronchopleural fistula																																															
11	read_r__11	Myocardial infarction																																															
12	read_r__12	Readmission unrelated to thoracic surgery																																															
13	read_r__13	Deep wound infection																																															
99	read_r__99	Other complication related to thoracic surgery																																															
-1	read_r__1	Unknown																																															
	193	stat_30d Show the field ONLY if: [dischar] <> '5'	Section Header: <i>Mortality Post-Discharge</i> Status at 30 days after surgery <i>Indicate whether the patient was alive or dead at 30 days post-surgery (whether in the hospital or not).</i>	radio, Required <table><tr><td>0</td><td>Alive</td></tr><tr><td>1</td><td>Dead</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	Alive	1	Dead	-1	Unknown																																							
0	Alive																																																
1	Dead																																																
-1	Unknown																																																

194	adj_chemo_ref Show the field ONLY if: [t_stage] = '7' or [t_stage] = '8' or [t_stage] = '9' or [n_stage] = '1' or [n_stage] = '2' or [n_stage] = '3'	Was the patient referred for adjuvant chemotherapy?	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No				
1	Yes										
0	No										
195	adj_chemo Show the field ONLY if: [adj_chemo_ref] = '1'	Did the patient receive adjuvant chemotherapy?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No				
1	Yes										
0	No										
196	stat_90d Show the field ONLY if: [dischar] <> '5' and [stat_30d] = '0' and [lcs] = '1' and [ben_dx] < > '1'	Status at 90 days after surgery <i>Indicate whether the patient was alive or dead at 90 days post-surgery (whether in the hospital or not).</i>	radio, Required <table><tr><td>0</td><td>Alive</td></tr><tr><td>1</td><td>Dead</td></tr><tr><td>-1</td><td>Unknown</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	Alive	1	Dead	-1	Unknown		
0	Alive										
1	Dead										
-1	Unknown										
197	mort_l Show the field ONLY if: [dischar] = '5' or [stat_30d] = '1' or [stat_90d] = '1' or [ctcae] = '5'	Mortality Location <i>Specify the location of patient mortality.</i>	radio, Required <table><tr><td>1</td><td>Operating room</td></tr><tr><td>2</td><td>Hospital</td></tr><tr><td>3</td><td>Home</td></tr><tr><td>4</td><td>Other</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Operating room	2	Hospital	3	Home	4	Other
1	Operating room										
2	Hospital										
3	Home										
4	Other										

198	mort_r	Mortality Primary Cause	radio, Required																				
	Show the field ONLY if: [dischar] = '5' or [stat_30d] = '1' or [stat_90d] = '1' or [ctcae] = '5'	Indicate the PRIMARY cause of death, i.e. the first significant event which ultimately led to death.	<table><tr><td>1</td><td>Cardiac</td></tr><tr><td>2</td><td>Neurologic</td></tr><tr><td>3</td><td>Renal</td></tr><tr><td>4</td><td>Vascular</td></tr><tr><td>5</td><td>Infection</td></tr><tr><td>6</td><td>Respiratory failure</td></tr><tr><td>7</td><td>Progression of cancer</td></tr><tr><td>8</td><td>Multisystem failure</td></tr><tr><td>99</td><td>Other</td></tr><tr><td>-1</td><td>Unknown</td></tr></table>	1	Cardiac	2	Neurologic	3	Renal	4	Vascular	5	Infection	6	Respiratory failure	7	Progression of cancer	8	Multisystem failure	99	Other	-1	Unknown
1	Cardiac																						
2	Neurologic																						
3	Renal																						
4	Vascular																						
5	Infection																						
6	Respiratory failure																						
7	Progression of cancer																						
8	Multisystem failure																						
99	Other																						
-1	Unknown																						
			Field Annotation: @FIELD-NOTES-DISPLAY="hover"																				
199	withdraw	Cognisant patient withdrawal from treatment	yesno																				
		Did the patient who was aware of the consequences of his/her actions, elect to withdraw treatment in circumstances where they would survive if treatment had continued (in the post-operative period).	<table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
1	Yes																						
0	No																						
			Field Annotation: @DEFAULT='0' @FIELD-NOTES-DISPLAY="hover"																				
200	discharge_readmission_data_mandatory_if_nslc_complete	Section Header: Form Status	dropdown																				
		Complete?	<table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete														
0	Incomplete																						
1	Unverified																						
2	Complete																						

Instrument: **Metastasectomy Module** (metastasectomy_module)

^ Collapse

	201	met_origin	Section Header: <i>Metastasis Data</i> Organ of origin <i>Specify the organ the suspected/confirmed metastasis originated from.</i>	radio <table><tr><td>1</td><td>Colon</td></tr><tr><td>2</td><td>Rectum</td></tr><tr><td>3</td><td>Sarcoma</td></tr><tr><td>4</td><td>Germ Cell</td></tr><tr><td>5</td><td>Renal Cell</td></tr><tr><td>6</td><td>Melanoma</td></tr><tr><td>7</td><td>Breast</td></tr><tr><td>99</td><td>Other, specify</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Colon	2	Rectum	3	Sarcoma	4	Germ Cell	5	Renal Cell	6	Melanoma	7	Breast	99	Other, specify
1	Colon																			
2	Rectum																			
3	Sarcoma																			
4	Germ Cell																			
5	Renal Cell																			
6	Melanoma																			
7	Breast																			
99	Other, specify																			
	202	met_origin_oth Show the field ONLY if: [met_origin] = '99'	Other metastasis (specify) <i>Indicate the other organ of origin of the suspected or confirmed metastasis.</i>	text Field Annotation: @FIELD-NOTES-DISPLAY="hover"																
	203	sarc_type Show the field ONLY if: [met_origin] = '3'	Type of Sarcoma <i>Indicate the type of sarcoma the suspected/confirmed metastasis originated from.</i>	radio <table><tr><td>1</td><td>Osteosarcoma</td></tr><tr><td>2</td><td>Chondrosarcoma</td></tr><tr><td>3</td><td>Soft tissue sarcoma</td></tr><tr><td>4</td><td>Ewing's sarcoma</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	1	Osteosarcoma	2	Chondrosarcoma	3	Soft tissue sarcoma	4	Ewing's sarcoma								
1	Osteosarcoma																			
2	Chondrosarcoma																			
3	Soft tissue sarcoma																			
4	Ewing's sarcoma																			
	204	met_num	How many metastases on imaging? <i>The number of metastases identified on pre-operative imaging (usually CT scan).</i>	text (number, Min: 0, Max: 30) Field Annotation: @FIELD-NOTES-DISPLAY="hover"																
	205	met_dfi	How many months between primary resection and detection of first metastasis? <i>Input 0 if detected synchronous metastases at the time of initial diagnosis.</i>	text (number, Min: 0, Max: 999) Field Annotation: @FIELD-NOTES-DISPLAY="hover"																
	206	met_num_surg	Section Header: <i>Operative Data</i> How many metastases identified at surgery? <i>Number of pathologically resected metastatic lesions in this operation.</i>	text (number, Min: 0, Max: 30) Field Annotation: @FIELD-NOTES-DISPLAY="hover"																

207	lungproc_2	Lung Procedure	checkbox, Required																																																									
	Show the field ONLY if: [lcs] = '1'	Indicate the procedure performed to resect the metastasis. Check all that apply.																																																										
			<table><tr><td>1</td><td>lungproc_2__1</td><td>Wedge Resection</td></tr><tr><td>2</td><td>lungproc_2__2</td><td>Segmentectomy</td></tr><tr><td>3</td><td>lungproc_2__3</td><td>Lobectomy</td></tr><tr><td>4</td><td>lungproc_2__4</td><td>Bilobectomy</td></tr><tr><td>5</td><td>lungproc_2__5</td><td>Pneumonectomy</td></tr><tr><td>6</td><td>lungproc_2__6</td><td>Sleeve resection or bronchoplasty</td></tr><tr><td>7</td><td>lungproc_2__7</td><td>Arterioplasty</td></tr><tr><td>8</td><td>lungproc_2__8</td><td>Venoplasty</td></tr><tr><td>9</td><td>lungproc_2__9</td><td>Carinal resection</td></tr><tr><td>10</td><td>lungproc_2__10</td><td>Chest wall (rib resection)</td></tr><tr><td>11</td><td>lungproc_2__11</td><td>Parietal pleura</td></tr><tr><td>12</td><td>lungproc_2__12</td><td>Diaphragm</td></tr><tr><td>13</td><td>lungproc_2__13</td><td>Pericardium</td></tr><tr><td>14</td><td>lungproc_2__14</td><td>Atrium</td></tr><tr><td>15</td><td>lungproc_2__15</td><td>Lymphadenectomy, regional, mediastinal, paratracheal</td></tr><tr><td>16</td><td>lungproc_2__16</td><td>Lymph node sampling</td></tr><tr><td>17</td><td>lungproc_2__17</td><td>Superior Sulcus Vascular</td></tr><tr><td>18</td><td>lungproc_2__18</td><td>Superior Sulcus Neural</td></tr><tr><td>19</td><td>lungproc_2__19</td><td>Other</td></tr></table>	1	lungproc_2__1	Wedge Resection	2	lungproc_2__2	Segmentectomy	3	lungproc_2__3	Lobectomy	4	lungproc_2__4	Bilobectomy	5	lungproc_2__5	Pneumonectomy	6	lungproc_2__6	Sleeve resection or bronchoplasty	7	lungproc_2__7	Arterioplasty	8	lungproc_2__8	Venoplasty	9	lungproc_2__9	Carinal resection	10	lungproc_2__10	Chest wall (rib resection)	11	lungproc_2__11	Parietal pleura	12	lungproc_2__12	Diaphragm	13	lungproc_2__13	Pericardium	14	lungproc_2__14	Atrium	15	lungproc_2__15	Lymphadenectomy, regional, mediastinal, paratracheal	16	lungproc_2__16	Lymph node sampling	17	lungproc_2__17	Superior Sulcus Vascular	18	lungproc_2__18	Superior Sulcus Neural	19	lungproc_2__19	Other
1	lungproc_2__1	Wedge Resection																																																										
2	lungproc_2__2	Segmentectomy																																																										
3	lungproc_2__3	Lobectomy																																																										
4	lungproc_2__4	Bilobectomy																																																										
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6	lungproc_2__6	Sleeve resection or bronchoplasty																																																										
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14	lungproc_2__14	Atrium																																																										
15	lungproc_2__15	Lymphadenectomy, regional, mediastinal, paratracheal																																																										
16	lungproc_2__16	Lymph node sampling																																																										
17	lungproc_2__17	Superior Sulcus Vascular																																																										
18	lungproc_2__18	Superior Sulcus Neural																																																										
19	lungproc_2__19	Other																																																										
			Field Annotation: @NONEOFTHEABOVE = '0' @FIELD-NOTES-DISPLAY="hover"																																																									

	208	met_res_margin	Pathologic Resection Margin <i>Was the metastasis identified and was there a macroscopic complete resection?</i>	radio <table><tr><td>0</td><td>R0</td></tr><tr><td>1</td><td>R1</td></tr><tr><td>2</td><td>R2</td></tr></table> Field Annotation: @FIELD-NOTES-DISPLAY="hover"	0	R0	1	R1	2	R2		
0	R0											
1	R1											
2	R2											
	209	irlm_gp	IRLM Group? <i>1=solitary and > 3yr interval; 2=solitary or > 3yr interval; 3=neither; 4=any R1 or R2</i>	calc Calculation: if ([met_res_margin]= "", "", , if([met_res_margin]<>"0", 4, if([met_num_surg]=1 and [met_dfi]>36,1, if([met_num_surg]=1 and [met_dfi]<= 36,2, if([met_num_surg]>1 and [met_dfi]>36,2, 3)))))								
	210	metastasectomy_module_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete		
0	Incomplete											
1	Unverified											
2	Complete											
Instrument: Thymic Module (thymic_module) ^ Collapse												
	211	thymic	Thymic Module for thymoma, thymic carcinoma and thymic neuroendocrine tumours	descriptive								
	212	thymic_path	Histopathology	radio <table><tr><td>1</td><td>Thymoma</td></tr><tr><td>2</td><td>Thymic Carcinoma</td></tr><tr><td>3</td><td>Thymic Neuroendocrine Tumour (TNET)</td></tr><tr><td>4</td><td>Other (Specify)</td></tr></table>	1	Thymoma	2	Thymic Carcinoma	3	Thymic Neuroendocrine Tumour (TNET)	4	Other (Specify)
1	Thymoma											
2	Thymic Carcinoma											
3	Thymic Neuroendocrine Tumour (TNET)											
4	Other (Specify)											
	213	thymic_path_oth Show the field ONLY if: [thymic_path] = '4'	Specify Other Thymic Neoplasia	text								

	214	thymic_t Show the field ONLY if: [thymic_path] = '1' or [thymic_path] = '2'	T stage	radio <table><tr><td>1</td><td>T1a (Encapsulated or invading into mediastinal fat only)</td></tr><tr><td>2</td><td>T1b (Invading into mediastinal pleura)</td></tr><tr><td>3</td><td>T2 (Invading into pericardium)</td></tr><tr><td>4</td><td>T3 (Invading into lung, chest wall, phrenic nerve, BCV, SVC or hilar pulmonary vessel)</td></tr><tr><td>5</td><td>T4 (Invading into aorta, great vessel, main pulmonary artery, oesophagus or myocardium)</td></tr></table>	1	T1a (Encapsulated or invading into mediastinal fat only)	2	T1b (Invading into mediastinal pleura)	3	T2 (Invading into pericardium)	4	T3 (Invading into lung, chest wall, phrenic nerve, BCV, SVC or hilar pulmonary vessel)	5	T4 (Invading into aorta, great vessel, main pulmonary artery, oesophagus or myocardium)
1	T1a (Encapsulated or invading into mediastinal fat only)													
2	T1b (Invading into mediastinal pleura)													
3	T2 (Invading into pericardium)													
4	T3 (Invading into lung, chest wall, phrenic nerve, BCV, SVC or hilar pulmonary vessel)													
5	T4 (Invading into aorta, great vessel, main pulmonary artery, oesophagus or myocardium)													
	215	thymic_n Show the field ONLY if: [thymic_path] = '1' or [thymic_path] = '2'	N stage	radio <table><tr><td>0</td><td>N0 (no nodal involvement)</td></tr><tr><td>1</td><td>N1 (anterior or perithymic nodes involved)</td></tr><tr><td>2</td><td>N2 (deep intrathoracic or cervical nodes)</td></tr></table>	0	N0 (no nodal involvement)	1	N1 (anterior or perithymic nodes involved)	2	N2 (deep intrathoracic or cervical nodes)				
0	N0 (no nodal involvement)													
1	N1 (anterior or perithymic nodes involved)													
2	N2 (deep intrathoracic or cervical nodes)													
	216	thymic_m Show the field ONLY if: [thymic_path] = '1' OR [thymic_path] = '2'	M stage	radio <table><tr><td>0</td><td>M0 (No distant metasases)</td></tr><tr><td>1</td><td>M1a (Pleural or Pericardial nodule)</td></tr><tr><td>2</td><td>M1b (Pulmonary nodule or distant organ metastasis)</td></tr></table>	0	M0 (No distant metasases)	1	M1a (Pleural or Pericardial nodule)	2	M1b (Pulmonary nodule or distant organ metastasis)				
0	M0 (No distant metasases)													
1	M1a (Pleural or Pericardial nodule)													
2	M1b (Pulmonary nodule or distant organ metastasis)													
	217	thymic_diam	Tumour maximal diameter (mm)	text (integer, Min: 0, Max: 999)										
	218	thymoma_who Show the field ONLY if: [thymic_path] = '1'	Thymoma WHO Classification	radio <table><tr><td>1</td><td>A (spindle/medullary)</td></tr><tr><td>2</td><td>AB (mixed)</td></tr><tr><td>3</td><td>B1 (lymphocyte-rich)</td></tr><tr><td>4</td><td>B2 (cortical, abnormal lyhmphocyte-rich)</td></tr><tr><td>5</td><td>B3 (well differentiated thymic carcinoma)</td></tr></table>	1	A (spindle/medullary)	2	AB (mixed)	3	B1 (lymphocyte-rich)	4	B2 (cortical, abnormal lyhmphocyte-rich)	5	B3 (well differentiated thymic carcinoma)
1	A (spindle/medullary)													
2	AB (mixed)													
3	B1 (lymphocyte-rich)													
4	B2 (cortical, abnormal lyhmphocyte-rich)													
5	B3 (well differentiated thymic carcinoma)													

	219	thymic_grade Show the field ONLY if: [thymic_path] = '2'	Thymic carcinoma Grade	radio <table><tr><td>1</td><td>Moderate</td></tr><tr><td>2</td><td>Poor</td></tr><tr><td>3</td><td>Anaplastic</td></tr></table>	1	Moderate	2	Poor	3	Anaplastic						
1	Moderate															
2	Poor															
3	Anaplastic															
	220	thymic_net_grade Show the field ONLY if: [thymic_path] = '3'	TNET Grade	radio <table><tr><td>1</td><td>Typical Carcinoid</td></tr><tr><td>2</td><td>Atypical Carcinoid</td></tr><tr><td>3</td><td>Large cell neuroendocrine carcinoma (LCNEC)</td></tr><tr><td>4</td><td>Combined LCNEC (LCNEC combined with any thymoma or thymic carcinoma)</td></tr><tr><td>5</td><td>Small cell carcinoma (SCC)</td></tr><tr><td>6</td><td>Combined small cell carcinoma (SCC combined with any thymoma or thymic carcinoma)</td></tr></table>	1	Typical Carcinoid	2	Atypical Carcinoid	3	Large cell neuroendocrine carcinoma (LCNEC)	4	Combined LCNEC (LCNEC combined with any thymoma or thymic carcinoma)	5	Small cell carcinoma (SCC)	6	Combined small cell carcinoma (SCC combined with any thymoma or thymic carcinoma)
1	Typical Carcinoid															
2	Atypical Carcinoid															
3	Large cell neuroendocrine carcinoma (LCNEC)															
4	Combined LCNEC (LCNEC combined with any thymoma or thymic carcinoma)															
5	Small cell carcinoma (SCC)															
6	Combined small cell carcinoma (SCC combined with any thymoma or thymic carcinoma)															
	221	thymic_module_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete															
1	Unverified															
2	Complete															
Instrument: Long Term Follow Up (long_term_follow_up) ^ Collapse																
	222	mort_f_up	Has patient died?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No								
1	Yes															
0	No															
	223	mort_f_up_d Show the field ONLY if: [mort_f_up] = '1'	Date of Death	text (date_dmy)												

	224	mort_f_up_cause Show the field ONLY if: [mort_f_up] = '1'	Cause of Death	radio <table><tr><td>1</td><td>Treatment Related</td></tr><tr><td>2</td><td>Progression of Index Cancer</td></tr><tr><td>3</td><td>Progression of Other Cancer</td></tr><tr><td>4</td><td>Other Non-Malignant</td></tr></table>	1	Treatment Related	2	Progression of Index Cancer	3	Progression of Other Cancer	4	Other Non-Malignant
1	Treatment Related											
2	Progression of Index Cancer											
3	Progression of Other Cancer											
4	Other Non-Malignant											
	225	relapse Show the field ONLY if: [relapse][previous-instance] <> '1' and [ben_dx] <> '1'	Has patient relapsed? Last instance showed [relapse][previous-instance]	truefalse <table><tr><td>1</td><td>True</td></tr><tr><td>0</td><td>False</td></tr></table>	1	True	0	False				
1	True											
0	False											
	226	relapse_f_fup_date Show the field ONLY if: [relapse] = '1'	Date of Relapse You previously recorded [relapse_f_fup_date][previous- instance]	text (date_dmy)								
	227	last_cont_date Show the field ONLY if: [mort_f_up] = '0'	Date of Last Contact	text (date_dmy)								
	228	f_up_since	Follow up since surgery (months)	calc Calculation: round(datediff([dop], if (isblankormissingcode([last_cont_date]), if (isblankormissingcode([mort_f_up_d]), [relapse_f_fup_date], [mort_f_up_d]), [last_cont_date]), 'M', 'dmy', true), 1)								
	229	long_term_follow_up_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete		
0	Incomplete											
1	Unverified											
2	Complete											

Instrument: **Completion Data** (completion_data)

Collapse

	230	complete_study	Section Header: <i>Audit Completion Information</i> Is patient data complete?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No		
1	Yes									
0	No									
	231	censor_date	Date of study completion	text (date_dmy)						
	232	study_comments	Section Header: <i>General Comments</i> Comments	notes						
	233	completion_data_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete									
1	Unverified									
2	Complete									