

# John Hopkins Lung Project (JHLP) - Clinical Data Dictionary

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## Document Summary

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John Hopkins Lung Project (JHLP) - Clinical  
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# John Hopkins Lung Project (JHLP) - Clinical

## Section 1: Identifiers

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Variable	Label	Description	Format Text
<b>jjid</b>	Patient Identifier		Char

## Section 2: Clinical - Cancer Details

Variable	Label	Description	Format Text
<b>clin_addrad_aprical</b>	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: Apical Lordotic		.M="Missing" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
<b>clin_addrad_ctscan</b>	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: CT Scan		.M="Missing" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
<b>clin_addrad_oblique</b>	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: Oblique Views		.M="Missing" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
<b>clin_addrad_tomograph</b>	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: Tomography		.M="Missing" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
<b>clin_adenopathy</b>	Adenopathy		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>clin_ajc_class</b>	AJC Classification		.M="Missing" 0="Clinical, Includes All Diagnostic Procedures Except For Thoracotomy" 1="Surgical, Thoracotomy But No Definitive Resection" 2="Post-Surgical, Thoracotomy With Definitive Resection" 3="Autopsy" 9="Unknown"
<b>clin_atelectasis</b>	Atelectasis		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>clin_best_diag_mod e</b>	Modality Providing Best Information For Diagnosis		.M="Missing" 1="Autopsy" 2="Resected Specimen" 3="Thoracotomy Bx" 4="Mediastinoscopy" 5="Bronchoscopy Histo" 6="Bronchoscopy Cyto" 7="Needle Bx" 8="Other Bx" 9="Sputum And X-Ray" 10="Other Cytology" 11="X-Ray Or Clinical Picture Only - No Cyto Or Path"

Variable	Label	Description	Format Text
<b>clin_biopsy_complic</b>	Needle Biopsy: Complications		.M="Missing" 0="No" 1="Yes"
<b>clin_biopsy_cytopath</b>	Needle Biopsy: Cytopathology		.M="Missing" 0="NEG, FRI, SLI" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
<b>clin_biopsy_histo</b>	Needle Biopsy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
<b>clin_biopsy_number_of_diagnosis</b>	Needle Biopsy: Number Before Diagnosis		Numeric .M="Missing"
<b>clin_broncho_anesthesia</b>	Bronchoscopy: Anesthesia		.M="Missing" 0="Topical" 1="General" 9="Unknown"
<b>clin_broncho_cytopath</b>	Bronchoscopy: Cytopathology		.M="Missing" 0="NEG, FRI, SLI" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
<b>clin_broncho_extend</b>	Bronchoscopy: Proximal Extend Of Tumor		.M="Missing" 0="Less Than 2 CM" 1="Other" 9="Unknown"
<b>clin_broncho_histo</b>	Bronchoscopy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"

Variable	Label	Description	Format Text
<b>clin_broncho_num</b>	Bronchoscopy: Number Required		Numeric .M="Missing"
<b>clin_celltype</b>	Cell Type		1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="MUL"
<b>clin_confirm</b>	How Confirmed		0="Not Advised" 1="Refused" 2="Deferred" 3="X-Ray And Cytology" 4="Bronchoscopy" 5="Needle Bx" 6="Mediastinoscopy" 7="Thoracotomy" 8="Other" 9="Unknown"
<b>clin_cyto_atdetect</b>	Cytology At Detection		.M="Missing" 0="NCE" 1="FRI" 2="SLI" 3="MOD" 4="GRA" 5="CAN" 6="Unsatisfactory Specimen"
<b>clin_detect_days</b>	Days From Entry Date To Date Of Detection		Numeric
<b>clin_detectmode</b>	Mode Of Detection		1="X-Ray" 2="Cyto" 3="Both" 4="Interval" 5="Post Screening"
<b>clin_diagage</b>	Age At Diagnosis		Numeric
<b>clin_diagdays</b>	Days From Entry Date To Date Of Diagnosis		Numeric

Variable	Label	Description	Format Text
<b>clin_differentiation</b>	Differentiation Of Tumor	Cell type= SQU: 1 = Well Differentiated 2 = Mod Differentiated 3 = Poorly Differentiated ADN: 1 = Well Differentiated 2 = Mod Differentiated 3 = Poorly Differentiated 4 = Bronchiolo-Alveolar ULG: 1 = Solid C Mucin 2 = Solid S Mucin 3 = Giant Cell 4 = Clear Cell 5 = Combination Solid S Mucin And Clear Cell USM: 1 = Fusiform 2 = Polygonal 3 = Lymphocyte/Oat Cell 4 = Other -- Not Given	Numeric .M="Missing"
<b>clin_fleishners_line</b>	Fleishner's Line		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>clin_greatest_tumor_size_mm</b>	Size Of Tumor (mm)		Numeric .M="Missing"
<b>clin_inci_prev</b>	Incidence/Prevalence		1="Prevalence" 2="Incidence" 3="New Primary"
<b>clin_inv_restricted_margin</b>	Involvement Of Resected Margin		.M="Missing" 0="None" 1="Metaplasia" 2="Insitu" 3="Invasive" 9="Not Stated"
<b>clin_last_neg_cyto_days</b>	Days From Entry Date To Date Of Last Negative Cytology Before Detection		Numeric
<b>clin_last_neg_xray_days</b>	Days From Entry Date To Date Of Last Negative X-ray Before Detection		Numeric
<b>clin_latview_use</b>	Usefulness Of Lateral View		.M="Missing" 0="Undocumented Value" 1="Seen On Pa" 2="Seen Only On Lateral View" 3="Seen Best On Lateral View"

Variable	Label	Description	Format Text
<b>clin_lobe</b>	Lobe		.M="Missing" 0="Multiple" 1="RUL" 2="RML" 3="RLL" 4="LUL" 5="LIN" 6="LLL" 7="R-SIDE" 8="L-SIDE" 9="Unknown"
<b>clin_mediast_given</b>	Mediastinoscopy Given		.M="Missing" 0="No" 1="Yes"
<b>clin_mediast_histo</b>	Mediastinoscopy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
<b>clin_metas_assess</b>	Metastases Assessment		.M="Missing" 1="Non-Assessable" 2="Radiographic" 3="Nuclear Medicine Scans" 4="Cytopathology" 5="Biopsy" 6="Autopsy" 7="Other, Any Combination"
<b>clin_metastases</b>	Metastases		.M="Missing" 0="None" 1="Present"
<b>clin_mode_detect_2</b>	Mode Of Detection II		0="Routine Cytology" 1="Mod Follow-Up (Cytology)" 2="Routine X-Ray" 3="Sup1 Follow-Up" 4="Sup2 Follow-Up" 5="Both (Screeene Group Only)" 6="Interval X-Ray" 7="Interval Symptoms" 8="Interval Death" 9="Post X-Ray" 10="Post Symptoms" 11="Post Death"
<b>clin_nodal_hilar</b>	Nodal Involvement: Hilar		.M="Missing" 0="No" 1="Yes"
<b>clin_nodal_mediastinal</b>	Nodal Involvement: Mediastinal		.M="Missing" 0="No" 1="Yes"



Variable	Label	Description	Format Text
<b>clin_nodal_other</b>	Nodal Involvement: Other		.M="Missing" 0="No" 1="Yes"
<b>clin_nodal_peribronchial</b>	Nodal Involvement: Peribronchial		.M="Missing" 0="No" 1="Yes"
<b>clin_nodal_subcarinal</b>	Nodal Involvement: Subcarinal		.M="Missing" 0="No" 1="Yes"
<b>clin_node_assess</b>	Node Assessment		.M="Missing" 1="Non-Assessable" 2="Radiographic" 3="Bronchoscopy" 4="Mediastinoscopy/Parasternal Exploration" 5="Thoracotomy C Curative Resection" 6="Thoracotomy C Partial Resection Or BX" 7="Autopsy" 8="Other" 9="Unknown"
<b>clin_nodes</b>	Nodes		.M="Missing" 0="None" 1="Hilar Or Peribronchial" 2="Mediastinal Or Subcarinal"
<b>clin_num_tumor</b>	Number Of Tumors		Numeric .M="Missing" 8="Multiple" 9="Unknown"
<b>clin_other_biopsy_given</b>	Other Biopsy Given		.M="Missing" 0="No" 1="Yes"
<b>clin_other_biopsy_histo</b>	Other Biopsy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
<b>clin_pneumonitis</b>	Pneumonitis		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>clin_primarytherapy</b>	Therapy - Primary Treatment		0="Not Advised" 1="Refuse" 2="Deferred" 3="Surgery For Cure" 4="Incomplete Resection" 5="Radiotherapy" 6="Chemotherapy" 7="Radio And Chemo" 8="Other" 9="Unknown"

Variable	Label	Description	Format Text
<b>clin_proximal_extent</b>	Proximal Extent		.M="Missing" 1="Trachea, Tracheal Bifucation" 2="Mainstream Bronchus" 3="Lobar/Bronchus Intermedius" 4="Segmental/Subsegmental" 5="Peripheral" 6="Central Hilar/X-Ray" 9="Unknown"
<b>clin_resect_type</b>	Type Of Resection		0="None" 1="RUL" 2="RML" 3="RLL" 4="LUL" 5="LIN" 6="LLL" 7="RU,RML" 8="RM,RLL" 9="LU,LIN" 10="LL,LIN" 11="R Pneumonectomy" 12="L Pneumonectomy" 13="Other" 99="Unknown"
<b>clin_site</b>	Site		1="Lung" 2="Trachea" 3="Larynx" 4="Pharynx" 5="Tongue" 6="Other Oral" 7="Unconfirmed"
<b>clin_stage</b>	Stage		0="0" 1="1" 2="2" 3="3" 4="1B (T1N1M0)" 5="MI00"
<b>clin_stage_2</b>	Stage II		0="IS00" 1="1001" 2="2001" 3="1101" 4="MI00" 5="2102" 6="3003 OR 3103" 7=" _203" 8=" __13" 9=" __3"
<b>clin_surg_comp</b>	Complication Of Surgery		.M="Missing" 0="None" 1="Wound Infection" 2="Pneumonia" 3="Pneumonia And Empyema" 4="Respiratory Failure" 5="Heart Failure" 6="Pulmonary Embolism" 7="Heart Attack" 8="Other" 9="Multiple"

Variable	Label	Description	Format Text
<b>clin_surg_extent</b>	Extent Of Surgery		0="None" 1="Wedge" 2="Lobectomy" 3="Lobectomy C Sleeve" 4="Bilobectomy" 5="Pneumonectomy" 6="Radical Pneumonectomy" 7="Thoractomy S Resection" 9="Unknown"
<b>clin_therapy</b>	Therapy		1="Lobectomy" 2="Pneumonectomy" 3="Thoracotomy S Resection" 4="Inoperable" 5="Refused" 6="Not Recommended"
<b>clin_therapydays</b>	Days From Entry Date To Date Of Therapy		Numeric
<b>clin_therapysupp</b>	Therapy Supplementary Treatment		.M="Missing" 0="None" 1="Radiotherapy" 2="Chemotherapy" 3="Immunotherapy" 4="Endoscopic Therapy" 5="Other" 6="Radio And Chemo"
<b>clin_treat_loc</b>	Where Treated		0="JHH" 1="Outside" 2="Not Treated" 9="Unknown"
<b>clin_tumor</b>	Tumor		.M="Missing" 0="IS" 1="1" 2="2" 3="3" 4="M1" 5="TX" 9="No Primary Tumor"
<b>clin_tumor_assess</b>	Tumor Assessment		.M="Missing" 1="Non-Assessable" 2="Radiographic" 3="Bronchoscopy" 4="Mediastinoscopy/Parasternal Exploration" 5="Thoracotomy C Curative Resection" 6="Thoracotomy C Partial Resection Or BX" 7="Autopsy" 8="Other" 9="Unknown"
<b>clin_tumor_loc</b>	Location Of Tumor		0="Multiple" 1="RUL" 2="RML" 3="RLL" 4="LUL" 5="LIN" 6="LLL" 7="R-SIDE" 8="L-SIDE" 9="Unknown"

Variable	Label	Description	Format Text
<b>clin_tumormargin</b>	Margin		.M="Missing" 1="Well Defined" 2="Ill Defined" 3="Mixed" 9="Unknown"
<b>clin_tumorpath_cavitation</b>	Tumor Pathology: Cavitation		.M="Missing" 0="None" 1="Yes"
<b>clin_tumorpath_chestwall</b>	Tumor Pathology: Chest wall		.M="Missing" 0="None" 1="Yes"
<b>clin_tumorpath_other</b>	Tumor Pathology: Other		.M="Missing" 0="None" 1="Yes"
<b>clin_tumorpath_parietalpleura</b>	Tumor Pathology: Parietal Pleura		.M="Missing" 0="None" 1="Yes"
<b>clin_tumorpath_visceralpleura</b>	Tumor Pathology: Visceral Pleura		.M="Missing" 0="None" 1="Yes"
<b>clin_tumorshape</b>	Shape		.M="Missing" 1="Round" 2="Oval" 3="Stellate" 9="Unknown"
<b>clin_tumorsize_mm</b>	Size (mm)		Numeric .M="Missing"
<b>clin_vital_status</b>	Vital Status		0="Alive" 1="Dead Of Lung Cancer" 2="Dead Of Other Causes" 3="Dead Of Second Lung Cancer (Cured Of First)"
<b>clin_whereworkup</b>	Where Work-up Performed		.M="Missing" 0="JHH" 1="Outside" 2="No Work-Up"
<b>clin_xray_atdetect</b>	X-ray At Detection		.M="Missing" 0="UNS" 1="NEG" 2="SEG" 3="SUP" 4="SUS" 5="SAN" 6="CAN"
<b>clin_xray_zone</b>	X-ray Zone		.M="Missing" 0="X-ray Negative" 1="Central" 2="Peripheral" 3="Mid-Zone" 9="Unknown"
<b>clin_zone</b>	Zone		.M="Missing" 1="Central" 2="Peripheral" 3="Midzone" 9="Unknown"

Variable	Label	Description	Format Text
<b>cohort</b>	Cohort		1="Cytology" 2="X-ray"

## Section 3: Clinical - Cancer Recurrence

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Variable	Label	Description	Format Text
<b>recurrence</b>	Recurrence: Recurrence Found		0="No" 1="Yes" 2="New Primary (See New Record)" 9="Not Applicable"
<b>recurrence_age</b>	Recurrence: Age At Recurrence		Numeric .M="Missing"
<b>recurrence_celltype</b>	Recurrence: Cell Type		.M="Missing" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="MUL" 9="Unknown"
<b>recurrence_confirm</b>	Recurrence: How Confirmed		.M="Missing" 0="Not Advised" 1="Refused" 2="Deferred" 3="X-Ray And Cytology" 4="Bronchoscopy" 5="Needle BX" 6="Mediastinoscopy" 7="Thoracotomy" 8="Other" 9="Unknown"
<b>recurrence_det_mode</b>	Recurrence: Mode Of Detection		.M="Missing" 0="Routine Cytology" 1="Mod Follow-Up (Cytology)" 2="Routine X-Ray" 3="Sup1 Follow-Up" 4="Sup2 Follow-Up" 5="Both (Screening Group Only)" 6="Interval X-Ray" 7="Interval Symptoms" 8="Interval Death" 9="Post X-Ray"
<b>recurrence_detect_days</b>	Recurrence: Days From Entry Date To Date Of Detection		Numeric
<b>recurrence_diag_days</b>	Recurrence: Days From Entry Date To Date Of Diagnosis		Numeric

Variable	Label	Description	Format Text
<b>recurrence_differentiation</b>	Recurrence: Differentiation	Cell type= SQU: 1 = Well Differentiated 2 = Moderately Differentiated 3 = Poorly Differentiated ADN: 1 = Well Differentiated 2 = Moderately Differentiated 3 = Poorly Differentiated 4 = Bronchiolo-Alveolar ULG: 1 = Solid C Mucin 2 = Solid S Mucin 3 = Giant Cell 4 = Clear Cell 5 = Combination Solid S Mucin And Clear Cell USM: 1 = Fusiform 2 = Polygonal 3 = Lymphocyte/Oat Cell 4 = Other -- NOT GIVEN	Numeric .M="Missing"
<b>recurrence_site</b>	Recurrence: Site Of Recurrence		.M="Missing" 0="Stump" 1="Lung, Same" 2="Lung, Other" 3="Nodes, Mediastinal" 4="Nodes, Other" 5="Brain" 6="Bone" 7="Hepatic" 8="Cutaneous" 9="Effusion" 10="Other" 11="Multiple" 12="Chest Wall" 99="Unknown"
<b>recurrence_treatment</b>	Recurrence: Type Of Treatment		.M="Missing" 0="Not Advised" 1="Refuse" 2="Deferred" 3="Surgery For Cure" 4="Incomplete Resection" 5="Radiotherapy" 6="Chemotherapy" 7="Radio And Chemo" 8="Other" 9="Unknown"
<b>recurrence_treatment_days</b>	Recurrence: Days From Entry Date To Date Of Treatment		Numeric

## Section 4: Clinical - Other

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Variable	Label	Description	Format Text
<b>clin_age_at_death</b>	Age At Death		Numeric .M="Missing"
<b>clin_age_at_therapy</b>	Age At Therapy		Numeric
<b>clin_famhist_lung</b>	Family History Of Cancer?		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>clin_lastcontactdays</b>	Days From Entry Date To Date Of Death Or Last Contact		Numeric
<b>clin_months_since_last_visit</b>	Months Since Last Visit		.M="Missing" 0="Less Than 15" 1="15 Or More"
<b>clin_other</b>	Other		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>clin_race</b>	Race		.U="Undocumented Value" 1="White" 2="Black"
<b>clin_refused_orig_workup</b>	Refused Original Work-up?		.M="Missing" 0="No" 1="Yes"
<b>sequence</b>	Sequence Number		Numeric