

# John Hopkins Lung Project (JHLP) - Follow Up Data Dictionary

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## Document Summary

Property	Value
Document Title	John Hopkins Lung Project (JHLP) - Follow Up
Date Created	04/18/2024
For Dataset	followup_04162024
Sections	5
Entries	62
Document Filename	dictionary_followup-20240416.rtf

John Hopkins Lung Project (JHLP) - Follow Up  
04/18/2024  
Dataset: followup\_04162024

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# John Hopkins Lung Project (JHLP) - Follow Up

## Section 1: Identifiers

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

## Section 2: Follow-up - Details

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Variable	Label	Description	Format Text
<b>fup_visit_days</b>	Date Of Visit		Numeric .E="Erroneous Date"
<b>sequence</b>	Sequence Number	Number Of Months From Entry To That Visit - 0 For First Sequential Record	Numeric

## Section 3: Follow-up - Questionnaire

Variable	Label	Description	Format Text
<b>first_fup_timesince_quit_mn</b>	How Long Ago Quit Smoking (Months)?		Numeric .D="Did Not Quit" .M="Missing"
<b>first_fup_timesince_quit_yr</b>	How Long Ago Quit Smoking (Years)?		Numeric .D="Did Not Quit" .M="Missing"
<b>fup_asthma</b>	Have Asthma?		.M="Missing" 0="No" 1="Yes"
<b>fup_asthma_hay_vists</b>	Asthma Or Hay Fever At Time Of Visit?		0="No" 1="Yes" 9="Unknown"
<b>fup_back_allergy</b>	Background Allergy Evidence		.M="Missing" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_back_asbestos_bodies</b>	Background Asbestos Bodies		.M="Missing" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_back_blood</b>	Background Blood		.M="Missing" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_back_cursch_spiral</b>	Background Curschmann Spirals		.M="Missing" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_back_viral</b>	Background Viral Evidence		.M="Missing" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_canc_foot</b>	Cancer Footnote		Char
<b>fup_cancersincelast</b>	Cancer Since Last Visit?		0="No" 1="Yes" 9="Unknown"

Variable	Label	Description	Format Text
<b>fup_cig_per_day</b>	Average Number Of Cigarettes Smoked/Day At Time Of Visit		Numeric .M="Missing"
<b>fup_cold_flu</b>	Cold Or Flu At Time Of Visit Or Within Month Prior?		0="No" 1="Yes" 9="Unknown"
<b>fup_cough</b>	Chronic Cough At Time Of Visit?		0="No" 1="Yes" 9="Unknown"
<b>fup_hanks_saline</b>	Randomized Hanks or Saline?		.M="Missing" 0="No" 1="Hanks" 2="Saline"
<b>fup_lung_doctor</b>	Seen A Doctor For A Lung Problem?		0="No" 1="Yes" 9="Unknown"
<b>fup_lung_hospital</b>	Been Hospitalized For A Lung Problem?		.U="Undocumented Value" 0="No" 1="Yes" 9="Unknown"
<b>fup_prev_cancer</b>	Have Previous Cancer?		0="No" 1="Yes" 9="Unknown"
<b>fup_smoke</b>	Type Of Smoking Habit		.M="Missing" 1="Non-Smoker" 2="Low Smoker" 3="Moderate Smoker 1-2 Packs" 4="High Smoker 2 Packs Or More" 5="Stopped Smoking"
<b>fup_stop_smoke</b>	Stopped Smoking?		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>fup_virus</b>	Have Virus?		.M="Missing" 0="No" 1="Yes" 9="Unknown"
<b>fup_years_since_quit</b>	Years Since Last Smoked it		Numeric .M="Missing" 0="Currently Smoking" 1="Quit Smoking 1 Year Or Less" 1.1="More Than 1 Year Since Last Smoked"

## Section 4: Follow-up - X-ray

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Variable	Label	Description	Format Text
<b>fup_firstxray_can</b>	First X-ray: Cancer		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxray_neg</b>	First X-ray: Negative		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxray_sus</b>	First X-ray: Suspicious		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxray_uns</b>	First X-ray: Unsatisfactory		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_asb</b>	First X-ray Findings: Asbestosis		.U="Undocumented Value" 0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_bul</b>	First X-ray Findings: Bullae		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_cmg</b>	First X-ray Findings: Enlarged Heart		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_emp</b>	First X-ray Findings: Emphysema		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_fib</b>	First X-ray Findings: Fibrosis		.U="Undocumented Value" 0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_inf</b>	First X-ray Findings: Inflammation		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_nch</b>	First X-ray Findings: No Change From Previous Films		0="No" 1="Yes" 9="Unknown"
<b>fup_firstxrayf_tbc</b>	First X-ray Findings: T.B. Or Old Granulomatous Disease		0="No" 1="Yes" 9="Unknown"
<b>fup_path_comment _foot</b>	Footnote: Pathologist's Comments		0="No Footnote" 1="See Footnote"

Variable	Label	Description	Format Text
fup_patient_letter	Letter Sent To Patient	Additional Codes Indicate Letter Sent To The Participant	" " = "No Letter Sent" "101" = "Negative, Cytology Group" "103" = "Letter Sent To Patient" "113" = "Unsatisfactory Cytology" "116" = "Requests Return Of Mailer Cup" "117" = "Letter Sent To Patient" "118" = "Negative Mailer" "11A" = "Negative, Cytology Group" "128" = "Unsatisfactory Cytology Twice" "12A" = "Letter Sent To Patient" "130" = "Letter Sent To Patient" "131" = "Modified Cytology For Second Time Or More" "141" = "Letter Sent To Patient" "142" = "Letter Sent To Patient" "151" = "Sup X-Ray, Cytology Group" "154" = "Sup X-Ray, Cytology Group" "161" = "First Modified Cytology" "171" = "Negative, But With Enlarged Heart, Cytology Group" "172" = "Negative, But With Enlarged Heart, Cytology Group" "174" = "Negative But With Emphysema, Cytology Group" "175" = "Negative But With Emphysema, Cytology Group" "181" = "Cytology Was Modified, Has Now Become Negative" "201" = "Negative, X-Ray Group" "202" = "Letter Sent To Patient" "21A" = "Negative, X-Ray Group" "22A" = "Letter Sent To Patient" "251" = "Sup X-Ray, X-Ray Group" "254" = "Sup X-Ray, X-Ray Group" "271" = "Negative But With Enlarged Heart, X-Ray Group" "272" = "Negative But With Enlarged Heart, X-Ray Group" "274" = "Negative But With Emphysema, X-Ray Group" "275" = "Negative But With Emphysema, X-Ray Group" "301" = "Ineligible Letter" "501" = "Letter Sent To Patient" "730" = "Letter Sent To Patient"  [continued...]

Variable	Label	Description	Format Text
<b>[...continued]</b> <b>fup_patient_letter</b>			[...continued] "MIQ"="Mail In Questionnaire" "NLS"="No Letter Sent" "PFT"="Letter Sent To Patient" "SPC"="Special" "SPL"="Letter Sent To Patient" "UNF"="Letter Sent To Patient" "VBL"="Letter Sent To Patient"
<b>fup_patient_letter_d</b> <b>y</b>	Day Letter Sent To Patient		Numeric .M="Missing" .U="Undocumented Value"
<b>fup_patient_letter_</b> <b>mn</b>	Month Letter Sent To Patient		Numeric .M="Missing" .U="Undocumented Value"

Variable	Label	Description	Format Text
fup_physician_letter	Letter Sent To Physician	Additional Codes Indicate Letter Sent To Physician	" " = "No Letter Sent" "101" = "Letter Sent To Physician" "102" = "Negative, Cytology Group" "103" = "Special X-Ray Findings (Bullae, Fibrosis) And Sup, Cytology Group" "104" = "Emphysema, Cytology Group" "105" = "Bullae, Cytology Group" "106" = "Fibrosis, Cytology Group" "107" = "Asbestosis, Cytology Group" "108" = "TBC, Cytology Group" "109" = "Inflammation, Cytology Group" "10S" = "Letter Sent To Physician" "110" = "Enlarged Heart, Cytology Group" "111" = "Letter Sent To Physician" "11A" = "Letter Sent To Physician" "12A" = "Negative, Cytology Group" "131" = "Letter Sent To Physician" "132" = "Several Modified Cytologies" "142" = "Letter Sent To Physician" "14A" = "Letter Sent To Physician" "162" = "Modified For First Time" "182" = "Modified Cytology Is Now Negative" "201" = "Letter Sent To Physician" "202" = "Letter Sent To Physician" "203" = "Special X-Ray Findings (Bullae, Fibrosis) And Sup, X-Ray Group" "204" = "Emphysema, X-Ray Group" "205" = "Bullae, X-Ray Group" "206" = "Fibrosis, X-Ray Group" "207" = "Asbestosis, X-Ray Group" "208" = "TBC, X-Ray Group" "209" = "Inflammation, X-Ray Group" "210" = "Enlarged Heart, X-Ray Group" "211" = "Letter Sent To Physician" "21A" = "Letter Sent To Physician" "22A" = "Negative, X-Ray Group" "240" = "Letter Sent To Physician" "26A" = "Letter Sent To Physician" "28A" = "Letter Sent To Physician" "DNG" = "Doctor Not Given, No Letter Sent" "NLS" = "Letter Sent To Physician" "PFT" = "Letter Sent To Physician" "SPC" = "Special Letter"  [continued...]

Variable	Label	Description	Format Text
[...continued] fup_physician_letter			[...continued] "SPL"="Letter Sent To Physician" "UNF"="Letter Sent To Physician" "VBL"="Letter Sent To Physician"
fup_physician_letter_dy	Month Letter Sent To Physician		Numeric .M="Missing" .U="Undocumented Value"
fup_physician_letter_mn	Month Letter Sent To Physician		Numeric .M="Missing" .U="Undocumented Value"
fup_repeat_xray_month	Month A Repeat X-ray Should Be Done		.M="Missing" 0="Undocumented Value" 1="January" 2="February" 3="March" 4="April" 5="May" 6="June" 7="July" 8="August" 9="September" 10="October" 11="November" 12="December" 30="Undocumented Value"
fup_xray_addi_foot	Footnote - Additional X-ray Findings		Char " "="No Footnote"
fup_xray_additional	Additional X-ray findings		.M="Missing" 1="Emphysema" 2="Bullae" 3="Fibrosis" 4="Asbestosis" 5="T.B. Or Old Granulomatous Disease" 6="Inflammation" 7="Enlarged Heart" 8="No Change From Previous Films" 9="Acute Infiltrate" 10="Congestive Heart Failure" 11="Surgery"
fup_xray_findings_others	Other X-ray Result		.M="Missing" 1="Emphysema" 2="Bullae" 3="Fibrosis" 4="Asbestosis" 5="T.B. Or Old Granulomatous Disease" 6="Inflammation" 7="Enlarged Heart" 8="No Change From Previous Films" 9="Acute Infiltrate" 10="Congestive Heart Failure" 11="Surgery"

Variable	Label	Description	Format Text
<b>fup_xray_flag</b>	X-ray Flag		0="NO X-RAY" 1="NORMAL X-RAY" 2="AWAITING X-RAY RESULTS" 3="SUSPICIOUS X-RAY" 4="CANCER X-RAY" 5="UNSATISFACTORY X-RAY"
<b>fup_xray_foot_com m</b>	Footnote - X-ray Comments		Char " "="No Footnote"
<b>fup_xray_foot_disp</b>	Footnote - X-ray Disposition		Char " "="No Footnote"
<b>fup_xray_result</b>	X-ray Result		.M="Missing" 0="Negative" 1="Suspicious" 2="Cancer" 3="Unsatisfactory" 4="Suspicious Became Cancer" 5="Suspicious Became Negative" 6="Unsatisfactory Became Negative" 7="Lost" 8="Lost Became Negative" 9="X-Ray Not Taken" 10="X-Ray Not Taken Became Negative" 11="Unsatisfactory Would Not Return For Repeat" 12="Suspicious Follow-Up In Several Months"

## Section 5: Follow-up - Cytology

Variable	Label	Description	Format Text
<b>fup_carcinoma_type</b>	Carcinoma Type		.M="Missing" 0="No Carcinoma" 1="Squamous, In Situ" 2="Squamous, Ins/Inv" 3="Squamous, Invasive" 4="Adenocarcinoma" 5="Large Cell, Undifferentiated" 6="Small Cell, Undifferentiated" 7="Mixed" 8="Unclassified" 9="Other"
<b>fup_cyt_spec_report</b>	Specimen Cytology Report		.M="Missing" 0="No Cancer Evidence" 1="Fringe Atypia" 2="Slight Atypia" 3="Moderate Atypia" 4="Grave Atypia" 5="Cancer" 6="Unsatisfactory" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_cyt_spec_type</b>	Type Of Cytology Specimen		1="Hanks Induction Only" 2="Mailer Cup" 3="Hanks Induction And Post Cup Combined" 4="Hanks Induct Only - Randomized" 5="Hanks Induct And Post Cup - Randomized" 6="Saline Induction Only - Randomized" 7="Saline Induct And Post Cup - Randomized" 8="Induction Only" 9="Induction And Post Cup Ombined Diagnostic" 15="Pre, Ind. And Post Hanks" 24="Hanks Induction Only - Randomized" 25="Hanks Induct And Post Cup - Randomized" 26="Saline Induction Only - Randomized" 27="Saline Induct And Post Cup - Randomized" 28="Induction Only" 29="Induction And Post Cup Combined" 99="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_cyt_summ_report</b>	Summary Cytology Report		.M="Missing" 0="NO CANCER EVIDENCE" 1="FRINGE ATYPIA" 2="SLIGHT ATYPIA" 3="MODERATE ATYPIA" 4="GRAVE ATYPIA" 5="CANCER" 6="UNSATISFACTORY" 9="NO SUMMARY REPORT"

Variable	Label	Description	Format Text
<b>fup_cytology_flag</b>	Cytology Flag		.M="Missing" 0="Normal Cytology" 1="Waiting For Cup To Be Returned" 2="Cup Returned - Waiting For Report" 4="Cup Sent Out - Mailer" 5="Mod, Gra, Or Uns Cytology - Needs Repeat Induction" 6="No Specimen Sent To Us" 7="Uns Specimen 2 Times" 9="No Cytology"
<b>fup_cytology_res</b>	Cytology Result		.N="No Cytology Specimen Done" 0="No Cancer Evidence" 1="Fringe Atypia" 2="Slight Atypia" 3="Moderate Atypia" 4="Grave Atypia" 5="Cancer" 6="Unsatisfactory" 7="No Specimen"
<b>fup_epith_atypia_col</b>	Atypia Columnar		.M="Missing" 0="No Evidence" 1="Fringe" 2="Slight" 3="Moderate" 4="Grave" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_epith_atypia_mix</b>	Epithelial Atypia Mix/Indeterminate		.M="Missing" 0="No Evidence" 1="Fringe" 2="Slight" 3="Moderate" 4="Grave" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_epith_atypia_sq</b>	Epithelial Atypia Squamous		.M="Missing" 0="No Evidence" 1="Fringe" 2="Slight" 3="Moderate" 4="Grave" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
<b>fup_oral_exam</b>	Oral Examination		0="None" 1="Requested, Not Done" 2="Requested, Done"