

South Africa

Professor Deenan, Pillay, UCL; AHRI

Dr Olivier, Koole, LSHTM; AHRI

Dr. Emily, Wong, AHRI

**Vukuzazi Machine Learning Chest X-ray project
among individuals aged 15 years and above
in rural KwaZulu Natal, South Africa, 2018.**

Study Documentation

October 17, 2019

Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.AHRI.Vukuzazi.ClinicalData.2019.V4.0.0

Table of Contents

Overview	4
Scope & Coverage	4
Producers & Sponsors	4
Sampling	4
Data Collection	5
Data Processing & Appraisal	5
Accessibility	5
Files Description	7
AHRI.Vukuzazi.ClinicalData.2019.V5.0	7
Variables List	8
AHRI.Vukuzazi.ClinicalData.2019.V5.0	8
Variables Description	12
AHRI.Vukuzazi.ClinicalData.2019.V5.0	13

Vukuzazi Machine Learning Chest X-ray project among individuals aged 15 years and above in rural KwaZulu Natal, South Africa, 2018.

Overview	
Identification	AHRI.Vukuzazi.ClinicalData.2018
Version	V1.0.0 V2.0.0-Updated datasets V3.0.0-Updated datasets V4.0.0-Updated datasets
Abstract The datasets provided here will be used for devising a machine learning tool to improve upon CAD4TB's triaging of chest x-rays.	
Kind of Data	Survey Data
Unit of Analysis	Each chest x-ray image or images are for a Vukuzazi study participant who had chest x-ray done. The clinical data, each record is for a single participant who participated in Vukuzazi and had chest x-ray done. Some individuals had more than one chest x-ray images and therefore have more than one record.

Scope & Coverage	
Keywords	Tuberculosis
Topics	Chest x-ray; machine learning; tuberculosis; population health screening
Time Period(s)	2018-2019
Countries	South Africa
Geographic Coverage uMkhanyakude district in northern KwaZulu-Natal	
Universe Individuals aged 15 years and above who are resident members of households in the AHRI DSS area.	

Producers & Sponsors	
Primary Investigator(s)	Professor Deenan, Pillay, UCL; AHRI Dr Olivier, Koole, LSHTM; AHRI Dr. Emily, Wong, AHRI
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	Wellcome Trust (WT) , Core funding
Other Acknowledgment(s)	Dr. Kobus, Herbst , Chief Information Officer , AHRI Dickman, Gareta , Head of Research Data Management , AHRI Jaco, Dreyer , Data management, data cleaning , AHRI Tumi, Madolo , Data management, data cleaning , AHRI Siyabonga, Nxumalo , Data management, data cleaning , AHRI

Sampling

Sampling Procedure

N/A. All individuals aged 15 years and older who are resident members of households in the DSS area are eligible to participate Vukuzazi study.

Data Collection

Data Collection Dates	start 2018-05-01 end 2019-05-31
------------------------------	------------------------------------

Data Processing & Appraisal**Data Editing**

NA

Accessibility**Access Conditions**

The representative of the Receiving Organization agrees to comply with the following conditions:

1. Access to the restricted data will be limited to the Lead Researcher and other members of the research team listed in this request.
2. Copies of the restricted data or any data created on the basis of the original data will not be copied or made available to anyone other than those mentioned in this Data Access Agreement, unless formally authorized by the Data Archive.
3. The data will only be processed for the stated statistical and research purpose. They will be used for solely for reporting of aggregated information, and not for investigation of specific individuals or organizations. Data will not in any way be used for any administrative, proprietary or law enforcement purposes.
4. The Lead Researcher must state if it is their intention to match the restricted microdata with any other micro-dataset. If any matching is to take place, details must be provided of the datasets to be matched and of the reasons for the matching. Any datasets created as a result of matching will be considered to be restricted and must comply with the terms of this Data Access Agreement.
5. The Lead Researcher undertakes that no attempt will be made to identify any individual person, family, business, enterprise or organization. If such a unique disclosure is made inadvertently, no use will be made of the identity of any person or establishment discovered and full details will be reported to the Data Archive. The identification will not be revealed to any other person not included in the Data Access Agreement.
6. The Lead Researcher will implement security measures to prevent unauthorized access to licensed microdata acquired from the Data Archive. The microdata must be destroyed upon the completion of this research, unless the Data Archive obtains satisfactory guarantee that the data can be secured and provides written authorization to the Receiving Organization to retain them. Destruction of the microdata will be confirmed in writing by the Lead Researcher to the Data Archive.
7. Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from the Data Archive will cite the source of data in accordance with the citation requirement provided with the dataset.
8. An electronic copy of all reports and publications based on the requested data will be sent to the Data Archive.
9. The original collector of the data, the Data Archive, and the relevant funding agencies bear no responsibility for use of the data or for interpretations or inferences based upon such uses.
10. This agreement will come into force on the date that approval is given for access to the restricted dataset and remain in force until the completion date of the project or an earlier date if the project is completed ahead of time.
11. If there are any changes to the project specification, security arrangements, personnel or organization detailed in this application form, it is the responsibility of the Lead Researcher to seek the agreement of the Data Archive to these changes. Where there is a change to the employer organization of the Lead Researcher this will involve a new application being made and termination of the original project.
12. Breaches of the agreement will be taken seriously and the Data Archive will take action against those responsible for the lapse if willful or accidental. Failure to comply with the directions of the Data Archive will be deemed to be a major breach of the agreement and may involve recourse to legal proceedings. The Data Archive will maintain and share with partner data archives a register of those individuals and organizations which are responsible for breaching the terms of the Data Access Agreement and will impose sanctions on release of future data to these parties.

Citation Requirements

<https://doi.org/10.23664/AHRI.Vukuzazi.ClinicaData.2018.v1>

Files Description

Dataset contains 1 file(s)

AHRI.Vukuzazi.ClinicalData.2019.V5.0	
# Cases	10320
# Variable(s)	79

Variables List

Dataset contains 79 variable(s)

File AHRI.Vukuzazi.ClinicalData.2019.V5.0							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Individu ..	Unique Internal Id of Individual	continuous	numeric-12.0	10320	0	-
2	Sex	Gender	discrete	numeric-12.0	10320	0	-
3	DateOfBi ..	Individual's Date of Birth	discrete	character-11	10320	-	-
4	Age	Individual age	continuous	numeric-12.0	10319	1	-
5	ClinicVi ..	Mobile Clinic Visit Date	discrete	character-11	10320	-	-
6	HeightCm	Height in Cm	continuous	numeric-10.0	10234	86	-
7	WeightKg	Weight in Kg	continuous	numeric-10.0	10227	93	-
8	BPSecond ..	BP Second Systolic	continuous	numeric-10.0	10318	2	-
9	BPSecond ..	BP Second Diastolic	continuous	numeric-10.0	10318	2	-
10	BPThirdS ..	BP Third Systolic	continuous	numeric-10.0	10318	2	-
11	BPThirdD ..	BP Third Diastolic	continuous	numeric-10.0	10318	2	-
12	BPForthS ..	BP Forth Systolic	continuous	numeric-10.0	281	10039	-
13	BPForthD ..	BP Forth Diastolic	continuous	numeric-10.0	0	10320	-
14	HadPosHI ..	Have you ever had a positive HIV test result?	discrete	numeric-12.0	8515	1805	-
15	CD4LymphAb	CD4 Lymphocytes Abs	continuous	numeric-10.0	3134	7186	-
16	HBA1c	HBA1c	continuous	numeric-10.0	10256	64	-
17	LiquidCu ..	Liquid Culture Result(MGIT)	discrete	numeric-10.0	5274	5046	-
18	MOLungFi ..	MO Lung Field	discrete	numeric-12.0	2041	8279	-
19	CxrMOCon ..	Cxr rMO Conclusion	discrete	numeric-12.0	2041	8279	-
20	CxrRadio ..	Cxr Radiologist Conclusion	discrete	numeric-12.0	9929	391	-
21	GeneXpert	TB GeneXpert Test Result	discrete	numeric-10.0	5274	5046	-
22	RadActiv ..	Radiologist Diagnostic ActiveTB	discrete	numeric-12.0	222	10098	-
23	RadOldTB	Radiologist Diagnostic OldTB	discrete	numeric-12.0	1776	8544	-
24	RadProba ..	Radiologist Diagnostic ProbableTB	discrete	numeric-12.0	6	10314	-
25	RadOther ..	Radiologist Diagnostic Other Infection	discrete	numeric-12.0	74	10246	-
26	RadInfla ..	Radiologist Diagnostic Inflammatory Disorder	discrete	numeric-12.0	27	10293	-
27	RadNeopl ..	Radiologist Diagnostic Neoplasm	discrete	numeric-12.0	41	10279	-
28	RadTrauma	Radiologist Diagnostic Trauma	discrete	numeric-12.0	89	10231	-
29	RadConge ..	Radiologist Diagnostic CongenitalAbnormality	discrete	numeric-12.0	235	10085	-

File AHRI.Vukuzazi.ClinicalData.2019.V5.0							
#	Name	Label	Type	Format	Valid	Invalid	Question
30	RadCardi..	Radiologist Diagnostic CardiacDisorder	discrete	numeric-12.0	175	10145	-
31	RadVascu..	Radiologist Diagnostic VascularDisorder	discrete	numeric-12.0	475	9845	-
32	RadDegen..	Radiologist Diagnostic Degenerative Disorder	discrete	numeric-12.0	28	10292	-
33	RadTBDia..	Radiologist TB Diagnostic Other	discrete	numeric-12.0	256	10064	-
34	CurrSmoker	Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes?	discrete	numeric-12.0	10320	0	-
35	CurrSmok..	Do you currently smoke tobacco products daily?	discrete	numeric-12.0	737	9583	-
36	StopSmok..	During any visit to a doctor or other health worker in the past 12 months, were y	discrete	numeric-12.0	737	9583	-
37	EverSmoked	In the past, did you ever smoke any tobacco products?	discrete	numeric-12.0	9882	438	-
38	EverSmok..	In the past, did you ever smoke daily?	discrete	numeric-12.0	171	10149	-
39	Consumed..	Have you consumed any alcohol within the past 30 days?	discrete	numeric-12.0	1352	8968	-
40	TBTxCurr..	Are you currently on TB treatment?	discrete	numeric-12.0	10320	0	-
41	Received..	If yes, have you received injections as part of this TB treatment?	discrete	numeric-12.0	45	10275	-
42	TBTxEver	Have you been on TB treatment before?	discrete	numeric-12.0	10320	0	-
43	NumberTB..	If yes, how many times have you been on TB treatment?	continuous	numeric-12.0	1222	9098	-
44	LastTBDa..	Date of completion of last TB treatment	discrete	numeric-12.0	0	10320	-
45	Homestea..	Has anyone in your homestead (or residential plot), during your lifetime	discrete	numeric-12.0	10320	0	-
46	Homestea..	Is anybody in your homestead (or residential plot) currently on TB treatment?	discrete	numeric-12.0	10320	0	-
47	CoughCurr	Do you currently have a cough?	discrete	numeric-12.0	10320	0	-
48	CoughDur..	If yes, how long have you had the cough	continuous	numeric-12.0	693	9627	-
49	CoughSpu..	If yes, do you cough up sputum?	discrete	numeric-12.0	696	9624	-
50	FeverCurr	Do you have a fever?	discrete	numeric-12.0	10320	0	-
51	FeverDur..	If yes, how long have you had a fever?	discrete	numeric-12.0	302	10018	-

File AHRI.Vukuzazi.ClinicalData.2019.V5.0							
#	Name	Label	Type	Format	Valid	Invalid	Question
52	NightSwe ..	Do you have drenching night sweats? (Sweating at night that soaks your clothes or	discrete	numeric-12.0	10320	0	-
53	NightSwe ..	How long have you had drenching night sweats?	discrete	numeric-12.0	337	9983	-
54	WeightLo ..	Have you lost weight in the last 6 months?	discrete	numeric-12.0	10320	0	-
55	WeightLo ..	How much weight have you lost in the last 6 months?	discrete	numeric-12.0	232	10088	-
56	OtherSym ..	Do you have any other symptoms apart from those already mentioned?	discrete	numeric-12.0	10320	0	-
57	HighAsth ..	Have you ever been told by a doctor or other health worker that you have asthma o	discrete	numeric-12.0	10320	0	-
58	HighAsth ..	Have you been told in the past 12 months?	discrete	numeric-12.0	359	9961	-
59	HighhAst ..	In the past two weeks, have you taken any medication for asthma/COPD prescribed b	discrete	numeric-12.0	359	9961	-
60	BreathSh ..	Do you have shortness of breath after exercise or physical activity?	discrete	numeric-12.0	9565	755	-
61	WakeUpBr ..	Do you wake up at night because of difficulties in breathing/shortness of breath?	discrete	numeric-12.0	9566	754	-
62	NightWhe ..	Do you experience wheezing at night?	discrete	numeric-12.0	9566	754	-
63	HIVPosRe ..	When was your first positive test result?	discrete	character-11	0	-	-
64	Currentl ..	Are you currently receiving ART?	discrete	numeric-12.0	2579	7741	-
65	CXRScore	Chest X-Ray	continuous	numeric-12.0	9912	408	-
66	SputumRe ..	Sputum Referral	discrete	numeric-12.0	206	10114	-
67	Radiolog ..	Radiologist Lung Field	discrete	numeric-12.0	9929	391	-
68	CxrRadio ..	Cxr Radiologist Diagnostic Other	discrete	character-244	1278	-	-
69	Fatigue	Fatigue	discrete	numeric-12.0	107	10213	-
70	Haemopty ..	Haemoptysis	discrete	numeric-12.0	21	10299	-
71	ChestPain	Chest Pain	discrete	numeric-12.0	0	10320	-
72	Lymphade ..	Lymphadenitis	discrete	numeric-12.0	4	10316	-
73	VL	HIV Viral Load Result	discrete	numeric-10.0	3141	7179	-
74	HIVElisa	HIV Elisa Result	discrete	numeric-10.0	10257	63	-
75	StudyId	Chest X Ray Image Study	continuous	numeric-12.0	6603	3717	-
76	SeriesId	Chest X Ray Image Series	continuous	numeric-12.0	6603	3717	-
77	SeriesDate	Series Date	discrete	character-11	6603	-	-
78	ChestXRa ..	Chest X Ray MD5 Harsh	discrete	character-32	6603	0	-

File AHRI.Vukuzazi.ClinicalData.2019.V5.0							
#	Name	Label	Type	Format	Valid	Invalid	Question
79	WristBan..	Wrist Band Id	discrete	character-20	10320	0	-

Variables Description

Dataset contains 79 variable(s)

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

IndividualId: Unique Internal Id of Individual

Information [Type= continuous] [Format=numeric] [Range= 5-21428] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

Sex: Gender

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Male	3271	31.7%
2	Female	7049	68.3%
9	Unknown	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

DateOfBirth: Individual's Date of Birth

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-]

Age: Individual age

Information [Type= continuous] [Format=numeric] [Range= 15-101] [Missing=*]

Statistics [NW/ W] [Valid=10319 /-] [Invalid=1 /-] [Mean=41.592 /-] [StdDev=20.143 /-]

ClinicVisitDate: Mobile Clinic Visit Date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-]

HeightCm: Height in Cm

Information [Type= continuous] [Format=numeric] [Range= 1-3164] [Missing=*/10001]

Statistics [NW/ W] [Valid=10234 /-] [Invalid=86 /-] [Mean=162.159 /-] [StdDev=33.528 /-]

Value	Label	Cases	Percentage
10001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

WeightKg: Weight in Kg

Information [Type= continuous] [Format=numeric] [Range= 1-657] [Missing=*/1001]

Statistics [NW/ W] [Valid=10227 /-] [Invalid=93 /-] [Mean=72.538 /-] [StdDev=20.057 /-]

Value	Label	Cases	Percentage
1001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

BPSecondSystolic: BP Second Systolic

Information [Type= continuous] [Format=numeric] [Range= 9-7128] [Missing=*/10001]

Statistics [NW/ W] [Valid=10318 /-] [Invalid=2 /-] [Mean=119.589 /-] [StdDev=74.952 /-]

Value	Label	Cases	Percentage
10001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

BPSecondDiastolic: BP Second Diastolic

Information [Type= continuous] [Format=numeric] [Range= 7-6985] [Missing=*/10001]

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

BPSecondDiastolic: BP Second Diastolic

Statistics [NW/ W] [Valid=10318 /-] [Invalid=2 /-] [Mean=73.494 /-] [StdDev=69.223 /-]

Value	Label	Cases	Percentage
10001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

BPThirdSystolic: BP Third Systolic

Information [Type= continuous] [Format=numeric] [Range= 11-1149] [Missing=*/10001]

Statistics [NW/ W] [Valid=10318 /-] [Invalid=2 /-] [Mean=117.179 /-] [StdDev=25.866 /-]

Value	Label	Cases	Percentage
10001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

BPThirdDiastolic: BP Third Diastolic

Information [Type= continuous] [Format=numeric] [Range= 7-7372] [Missing=*/10001]

Statistics [NW/ W] [Valid=10318 /-] [Invalid=2 /-] [Mean=73.077 /-] [StdDev=97.072 /-]

Value	Label	Cases	Percentage
10001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

BPForthSystolic: BP Forth Systolic

Information [Type= continuous] [Format=numeric] [Range= 66-228] [Missing=*/1001]

Statistics [NW/ W] [Valid=281 /-] [Invalid=10039 /-] [Mean=160.181 /-] [StdDev=25.317 /-]

Value	Label	Cases	Percentage
1001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

BPForthDiastolic: BP Forth Diastolic

Information [Type= continuous] [Format=numeric] [Missing=*/1000000001]

Statistics [NW/ W] [Valid=0 /-] [Invalid=10320 /-]

Value	Label	Cases	Percentage
1000000001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

HadPosHIVResult: Have you ever had a positive HIV test result?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=8515 /-] [Invalid=1805 /-]

Value	Label	Cases	Percentage
1	Yes	2669	31.3%
2	No	5802	68.1%
3	NA	44	0.5%
Sysmiss		1805	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CD4LymphAb: CD4 Lymphocytes Abs

Information [Type= continuous] [Format=numeric] [Range= 3-4084] [Missing=*/10001]

Statistics [NW/ W] [Valid=3134 /-] [Invalid=7186 /-] [Mean=727.051 /-] [StdDev=340.416 /-]

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

CD4LymphAb: CD4 Lymphocytes Abs

Value	Label	Cases	Percentage
10001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

HBA1c: HBA1c

Information	[Type= continuous] [Format=numeric] [Range= 17-183] [Missing=*/1001]
Statistics [NW/ W]	[Valid=10256 /-] [Invalid=64 /-] [Mean=40.129 /-] [StdDev=12.633 /-]

Value	Label	Cases	Percentage
1001	..		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

LiquidCulture: Liquid Culture Result(MGIT)

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*/11]
Statistics [NW/ W]	[Valid=5274 /-] [Invalid=5046 /-]

Value	Label	Cases	Percentage
1	Negative MTB Not Isolated	4714	89.4%
2	Positive MTB Only(Mycobacterium Tuberculosis isolated)	58	1.1%
3	Positive NTM Only	82	1.6%
4	Culture Contaminated	321	6.1%
5	Positive MTB And Contaminated(Mycobacterium Tuberculosis isolated)	0	
6	Positive NTM And contaminated	99	1.9%
7	Positive MTB And Positive NTM(Mycobacterium Tuberculosis isolated)	0	
11	..	0	
Sysmiss		5046	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

MOLungField: MO Lung Field

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=2041 /-] [Invalid=8279 /-]

Value	Label	Cases	Percentage
1	Normal Lung Fields	1737	85.1%
2	Abnormal Lung Fields	304	14.9%
Sysmiss		8279	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CxrMOConclusion: Cxr rMO Conclusion

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=2041 /-] [Invalid=8279 /-]

Value	Label	Cases	Percentage
1	N = Normal	1580	77.4%
2	AD-NS = abnormality detected ? not significant	161	7.9%
3	ADS-NA = abnormality detected, significant ? no active disease	152	7.4%
4	ADS-NT = abnormality detected, significant ? not tuberculosis	21	1.0%
5	ADS-TB = abnormality detected, significant ? tuberculosis	67	3.3%

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

CxrMOConclusion: Cxr rMO Conclusion

Value	Label	Cases	Percentage
6	ADS-U = abnormality detected, significant ? unclassified	60	2.9%
Sysmiss		8279	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CxrRadiologistConclusion: Cxr Radiologist Conclusion

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=9929 /-] [Invalid=391 /-]

Value	Label	Cases	Percentage
1	N = Normal	7082	71.3%
2	AD-NS = abnormality detected ? not significant	751	7.6%
3	ADS-NA = abnormality detected, significant ? no active disease	1608	16.2%
4	ADS-NT = abnormality detected, significant ? not tuberculosis	24	0.2%
5	ADS-TB = abnormality detected, significant ? tuberculosis	202	2.0%
6	ADS-U = abnormality detected, significant ? unclassified	262	2.6%
Sysmiss		391	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

GeneXpert: TB GeneXpert Test Result

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*/11]
Statistics [NW/ W]	[Valid=5274 /-] [Invalid=5046 /-]

Value	Label	Cases	Percentage
1	MTB Not Detected	5193	98.5%
2	MTB Detected Very Low	22	0.4%
3	MTB Detected Low	19	0.4%
4	MTB Detected Medium	5	0.1%
5	MTB Detected High	3	0.1%
6	MTB Detected	0	
7		32	0.6%
11	..	0	
Sysmiss		5046	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadActiveTB: Radiologist Diagnostic ActiveTB

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=222 /-] [Invalid=10098 /-]

Value	Label	Cases	Percentage
1	Yes	222	100.0%
2	No	0	
3	NA	0	
Sysmiss		10098	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadOldTB: Radiologist Diagnostic OldTB

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=1776 /-] [Invalid=8544 /-]

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

RadOldTB: Radiologist Diagnostic OldTB

Value	Label	Cases	Percentage
1	Yes	1776	100.0%
2	No	0	
3	NA	0	
Sysmiss		8544	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadProbableTB: Radiologist Diagnostic ProbableTB

Value	Label	Cases	Percentage
1	Yes	6	100.0%
2	No	0	
3	NA	0	
Sysmiss		10314	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadOtherInfection: Radiologist Diagnostic Other Infection

Value	Label	Cases	Percentage
1	Yes	74	100.0%
2	No	0	
3	NA	0	
Sysmiss		10246	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadInflammatoryDisorder: Radiologist Diagnostic Inflammatory Disorder

Value	Label	Cases	Percentage
1	Yes	27	100.0%
2	No	0	
3	NA	0	
Sysmiss		10293	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadNeoplasm: Radiologist Diagnostic Neoplasm

Value	Label	Cases	Percentage
1	Yes	41	100.0%
2	No	0	
3	NA	0	
Sysmiss		10279	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

RadTrauma: Radiologist Diagnostic Trauma

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=89 /-] [Invalid=10231 /-]

Value	Label	Cases	Percentage
1	Yes	89	100.0%
2	No	0	
3	NA	0	
Sysmiss		10231	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadCongenitalAbnormality: Radiologist Diagnostic CongenitalAbnormality

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=235 /-] [Invalid=10085 /-]

Value	Label	Cases	Percentage
1	Yes	235	100.0%
2	No	0	
3	NA	0	
Sysmiss		10085	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadCardiacDisorder: Radiologist Diagnostic CardiacDisorder

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=175 /-] [Invalid=10145 /-]

Value	Label	Cases	Percentage
1	Yes	175	100.0%
2	No	0	
3	NA	0	
Sysmiss		10145	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadVascularDisorder: Radiologist Diagnostic VascularDisorder

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=475 /-] [Invalid=9845 /-]

Value	Label	Cases	Percentage
1	Yes	475	100.0%
2	No	0	
3	NA	0	
Sysmiss		9845	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadDegenerativeDisorder: Radiologist Diagnostic Degenerative Disorder

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=28 /-] [Invalid=10292 /-]

Value	Label	Cases	Percentage
1	Yes	28	100.0%
2	No	0	

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

RadDegenerativeDisorder: Radiologist Diagnostic Degenerative Disorder

Value	Label	Cases	Percentage
3	NA	0	
Sysmiss		10292	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

RadTBDiagnosticOther: Radiologist TB Diagnostic Other

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=256 /-] [Invalid=10064 /-]

Value	Label	Cases	Percentage
1	Yes	256	100.0%
2	No	0	
3	NA	0	
Sysmiss		10064	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CurrSmoker: Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=10320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	737	7.1%
2	No	9583	92.9%
3	NA	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CurrSmokerDaily: Do you currently smoke tobacco products daily?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=737 /-] [Invalid=9583 /-]

Value	Label	Cases	Percentage
1	Yes	650	88.2%
2	No	87	11.8%
3	NA	0	
Sysmiss		9583	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

StopSmoking12mo: During any visit to a doctor or other health worker in the past 12 months, were y

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=737 /-] [Invalid=9583 /-]

Value	Label	Cases	Percentage
1	Yes	156	21.2%
2	No	581	78.8%
3	NA	0	
Sysmiss		9583	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

EverSmoked: In the past, did you ever smoke any tobacco products?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
--------------------	--

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

EverSmoked: In the past, did you ever smoke any tobacco products?

Statistics [NW/ W] [Valid=9882 /-] [Invalid=438 /-]

Value	Label	Cases	Percentage
1	Yes	171	1.7%
2	No	9711	98.3%
3	NA	0	
Sysmiss		438	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

EverSmokedDaily: In the past, did you ever smoke daily?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=171 /-] [Invalid=10149 /-]

Value	Label	Cases	Percentage
1	Yes	130	76.0%
2	No	41	24.0%
3	NA	0	
Sysmiss		10149	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

ConsumedAlcohol30d: Have you consumed any alcohol within the past 30 days?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=1352 /-] [Invalid=8968 /-]

Value	Label	Cases	Percentage
1	Yes	574	42.5%
2	No	778	57.5%
3	NA	0	
Sysmiss		8968	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

TBTxCurrent: Are you currently on TB treatment?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	45	0.4%
2	No	10275	99.6%
3	NA	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

ReceivedTBIjections: If yes, have you received injections as part of this TB treatment?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=45 /-] [Invalid=10275 /-]

Value	Label	Cases	Percentage
1	Yes	5	11.1%
2	No	37	82.2%
3	NA	3	6.7%
Sysmiss		10275	

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

ReceivedTBInjections: If yes, have you received injections as part of this TB treatment?

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

TBTxEver: Have you been on TB treatment before?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	1228	11.9%
2	No	8482	82.2%
3	NA	610	5.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

NumberTBTxEver: If yes, how many times have you been on TB treatment?

Information [Type= continuous] [Format=numeric] [Range= 1-26] [Missing=*]

Statistics [NW/ W] [Valid=1222 /-] [Invalid=9098 /-]

LastTBDateCompletion: Date of completion of last TB treatment

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=10320 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
3	NA	0	
Sysmiss		10320	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

HomesteadMemberTBEver: Has anyone in your homestead (or residential plot), during your lifetime

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	2915	28.2%
2	No	6502	63.0%
3	NA	903	8.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

HomesteadMemberTBCurr: Is anybody in your homestead (or residential plot) currently on TB treatment?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	360	3.5%
2	No	8867	85.9%
3	NA	1093	10.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CoughCurr: Do you currently have a cough?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

File : AHRI.Vukuzazi.ClinicalData.2019.V5.0

CoughCurr: Do you currently have a cough?

Value	Label	Cases	Percentage
1	Yes	696	6.7%
2	No	9624	93.3%
3	NA	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CoughDuration: If yes, how long have you had the cough

Information [Type= continuous] [Format=numeric] [Range= 1-58] [Missing=*]

Statistics [NW/ W] [Valid=693 /-] [Invalid=9627 /-]

CoughSputum: If yes, do you cough up sputum?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=696 /-] [Invalid=9624 /-]

Value	Label	Cases	Percentage
1	Yes	488	70.1%
2	No	208	29.9%
3	NA	0	
Sysmiss		9624	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

FeverCurr: Do you have a fever?

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=10320 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	306	3.0%
2	No	10014	97.0%
3	NA	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

# FeverDuration: If yes, how long have you had a fever?			
Information		[Type= discrete] [Format=numeric] [Range= 1-58] [Missing=*]	
Statistics [NW/ W]		[Valid=302 /-] [Invalid=10018 /-]	
Value	Label	Cases	Percentage
1	Yes	189	62.6%
2	No	54	17.9%
3	NA	14	4.6%
4		18	6.0%
5		3	1.0%
6		2	0.7%
7		1	0.3%
8		7	2.3%
12		5	1.7%
15		1	0.3%
30		1	0.3%
38		2	0.7%
50		2	0.7%
54		1	0.3%
56		1	0.3%
58		1	0.3%
Sysmiss		10018	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# NightSweatsCurr: Do you have drenching night sweats? (Sweating at night that soaks your clothes or			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=10320 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1	Yes	337	3.3%
2	No	9983	96.7%
3	NA	0	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# NightSweatsDuration: How long have you had drenching night sweats?			
Information		[Type= discrete] [Format=numeric] [Range= 1-58] [Missing=*]	
Statistics [NW/ W]		[Valid=337 /-] [Invalid=9983 /-]	
Value	Label	Cases	Percentage
1	Yes	87	25.8%
2	No	59	17.5%
3	NA	25	7.4%
4		63	18.7%
5		13	3.9%
6		16	4.7%
8		24	7.1%
10		1	0.3%
12		19	5.6%
16		1	0.3%
18		1	0.3%

NightSweatsDuration: How long have you had drenching night sweats?

Value	Label	Cases	Percentage
20		3	0.9%
24		3	0.9%
28		1	0.3%
30		2	0.6%
36		3	0.9%
40		8	2.4%
48		5	1.5%
50		1	0.3%
56		1	0.3%
58		1	0.3%
Sysmiss		9983	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

WeightLoss6mo: Have you lost weight in the last 6 months?

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
--------------------	--

Statistics [NW/ W]	[Valid=10320 /-] [Invalid=0 /-]
---------------------------	---------------------------------

Value	Label	Cases	Percentage
1	Yes	237	2.3%
2	No	10083	97.7%
3	NA	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

WeightLossNumber: How much weight have you lost in the last 6 months?

Information	[Type= discrete] [Format=numeric] [Range= 0-72] [Missing=*]
--------------------	---

Statistics [NW/ W]	[Valid=232 /-] [Invalid=10088 /-]
---------------------------	-----------------------------------

Value	Label	Cases	Percentage
0		5	2.2%
1	Yes	9	3.9%
2	No	34	14.7%
3	NA	48	20.7%
4		21	9.1%
5		54	23.3%
6		11	4.7%
7		5	2.2%
8		8	3.4%
9		5	2.2%
10		12	5.2%
12		3	1.3%
15		6	2.6%
17		2	0.9%
18		1	0.4%
20		5	2.2%
26		1	0.4%
48		1	0.4%
72		1	0.4%
Sysmiss		10088	

# WeightLossNumber: How much weight have you lost in the last 6 months?			
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# OtherSymptoms: Do you have any other symptoms apart from those already mentioned?			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=10320 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1	Yes	267	2.6%
2	No	10053	97.4%
3	NA	0	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# HighAsthmaInformedEver: Have you ever been told by a doctor or other health worker that you have asthma o			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=10320 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1	Yes	358	3.5%
2	No	9962	96.5%
3	NA	0	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# HighAsthmaInformed12mo: Have you been told in the past 12 months?			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=359 /-] [Invalid=9961 /-]	
Value	Label	Cases	Percentage
1	Yes	202	56.3%
2	No	157	43.7%
3	NA	0	
Sysmiss		9961	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# HighhAsthmaTx2wks: In the past two weeks, have you taken any medication for asthma/COPD prescribed b			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=359 /-] [Invalid=9961 /-]	
Value	Label	Cases	Percentage
1	Yes	176	49.0%
2	No	183	51.0%
3	NA	0	
Sysmiss		9961	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# BreathShortness: Do you have shortness of breath after exercise or physical activity?			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=9565 /-] [Invalid=755 /-]	
Value	Label	Cases	Percentage
1	Yes	529	5.5%
2	No	9036	94.5%
3	NA	0	
Sysmiss		755	

# BreathShortness: Do you have shortness of breath after exercise or physical activity?			
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# WakeUpBreathShortness: Do you wake up at night because of difficulties in breathing/shortness of breath?			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=9566 /-] [Invalid=754 /-]	
Value	Label	Cases	Percentage
1	Yes	255	2.7%
2	No	9311	97.3%
3	NA	0	
Sysmiss		754	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# NightWheezing: Do you experience wheezing at night?			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=9566 /-] [Invalid=754 /-]	
Value	Label	Cases	Percentage
1	Yes	297	3.1%
2	No	9269	96.9%
3	NA	0	
Sysmiss		754	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# HIVPosResult1stDate: When was your first positive test result?			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=0 /-]	
# CurrentlyOnART: Are you currently receiving ART?			
Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=2579 /-] [Invalid=7741 /-]	
Value	Label	Cases	Percentage
1	Yes	2536	98.3%
2	No	43	1.7%
3	NA	0	
Sysmiss		7741	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# CXRScore: Chest X-Ray			
Information		[Type= continuous] [Format=numeric] [Range= -1-100] [Missing=*]	
Statistics [NW/ W]		[Valid=9912 /-] [Invalid=408 /-] [Mean=33.731 /-] [StdDev=16.111 /-]	
# SputumReferral: Sputum Referral			
Information		[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]	
Statistics [NW/ W]		[Valid=206 /-] [Invalid=10114 /-]	
Value	Label	Cases	Percentage
1		204	99.0%
2		2	1.0%
Sysmiss		10114	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			

# RadiologistLungField: Radiologist Lung Field			
Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
Statistics [NW/ W]	[Valid=9929 /-] [Invalid=391 /-]		
Value	Label	Cases	Percentage
1	Normal Lung Fields	7923	79.8%
2	Abnormal Lung Fields	2006	20.2%
Sysmiss		391	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# CxrRadiologistDiagnosticOther: Cxr Radiologist Diagnostic Other			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=1278 /-]		
# Fatigue: Fatigue			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=107 /-] [Invalid=10213 /-]		
Value	Label	Cases	Percentage
1	Yes	107	100.0%
2	No	0	
3	NA	0	
Sysmiss		10213	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# Haemoptysis: Haemoptysis			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=21 /-] [Invalid=10299 /-]		
Value	Label	Cases	Percentage
1	Yes	21	100.0%
2	No	0	
3	NA	0	
Sysmiss		10299	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ChestPain: Chest Pain			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=10320 /-]		
Value	Label	Cases	Percentage
1	Yes	0	
2	No	0	
3	NA	0	
Sysmiss		10320	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# Lymphadenitis: Lymphadenitis			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=4 /-] [Invalid=10316 /-]		
Value	Label	Cases	Percentage
1	Yes	4	100.0%

# Lymphadenitis: Lymphadenitis			
Value	Label	Cases	Percentage
2	No	0	
3	NA	0	
Sysmiss		10316	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# VL: HIV Viral Load Result			
Information	[Type= discrete] [Format=numeric] [Range= 1-5628419] [Missing=*/10000001]		
Statistics [NW/ W]	[Valid=3141 /-] [Invalid=7179 /-]		
Value	Label	Cases	Percentage
1	< 40		
2	NOT DETECTED		
10000001	..		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# HIVelisa: HIV Elisa Result			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*/11]		
Statistics [NW/ W]	[Valid=10257 /-] [Invalid=63 /-]		
Value	Label	Cases	Percentage
1	Positive	3105	30.3%
2	Negative	7151	69.7%
3		1	0.0%
11	..	0	
Sysmiss		63	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# StudyId: Chest X Ray Image Study			
Information	[Type= continuous] [Format=numeric] [Range= 1000-7712] [Missing=*]		
Statistics [NW/ W]	[Valid=6603 /-] [Invalid=3717 /-] [Mean=4339.174 /-] [StdDev=1940.932 /-]		
# SeriesId: Chest X Ray Image Series			
Information	[Type= continuous] [Format=numeric] [Range= 1-6966] [Missing=*]		
Statistics [NW/ W]	[Valid=6603 /-] [Invalid=3717 /-] [Mean=3428.464 /-] [StdDev=2021.374 /-]		
# SeriesDate: Series Date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=6603 /-]		
# ChestXRayImageMD5: Chest X Ray MD5 Harsh			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=6603 /-] [Invalid=0 /-]		
# WristBandId: Wrist Band Id			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=10320 /-] [Invalid=0 /-]		