

**Data dictionary corresponding to the study about investigating
the association between HIV infection and cervical carcinoma**

Name	Description	Comments
subject	identification number	
questa	cancer case or control	1=case 0=control
hiv	hiv serology test	1=positive 2=negative 99=missing
hb	haemoglobin concentration	
rbc	number red blood cells/mm3	
pcv	pack cell volume	
mcv	mean corpuscular volume	
mch	mean corpuscular Haemoglobin	
mchc	mean corpuscular Haemoglobin Concentration	
wbc	white blood cell count/mm3	
neutr	percentage of neutrophils	
neutrcmm	number of neutrophils/mm3	
lymp	percentage of lymphocytes	
lympcmm	number of lymphocytes/cmm3	
monocyt	percentage of monocytes	
monocycm	number of monocytes/cmm3	
esionaph	percentage of eosinophils	
esionapcmm	number of eosinophils/cmm3	
cd4	CD4 counts	
cd8	CD8 counts	
cd4cd8rt	CD4:CD8 ratio	
cd3count	CD3 counts	
biopsy	lab number(Mulago)	
no	lab number(Not Mulago).	
patnum	patient no at hospital	
dosmosyr	date sample was taken	
ceperf	colposcopy preformed	1= Yes 2= No 99= missing
matmurchck	macroscopic aspect of Tumour	1= Yes 2= No 99= missing
ulcertd	ulcerated tumour	1= Yes 99= otherwise
ulceno	ulcerated necrotic Tumour	1= yes 2=no 99= otherwise
polyfung	polypoid or fungating tomour	1= Yes 2=no 99= otherwise
supintct	super-infected tumour	1= Yes 99= otherwise
haem	haemorrhagic tumour	1= Yes 2=No 99= otherwise
othmtum	other tumour aspect	
cytperf	cytology performed	1= Yes 2= No 99= missing
histperf	histology performed	1= Yes 2= No 99=missing
sqcell	diagnosis squamous cell Carcinoma	1= Yes 99= otherwise
adcarc	diagnosis adenocarcinoma	2= Yes 99= otherwise
mixd	diagnosis adenosquamous	3= Yes 99= otherwise
othr	other histological type	4= Yes 99= otherwise
cacewth	diagnosis of cancer without Histology	5= Yes 99= otherwise
uicct	stage 1	1= Yes 99= otherwise

ucct	stage 2	2= Yes 99= otherwise
uicct1	stage 3	3= Yes 99= otherwise
uicct2	stage 4	4= Yes 99= otherwise
uicctm	distant metastases	5= Yes 99= other
loctumou	tumour localised to Cervix	1= Yes 99= otherwise
regtumou	regional spread	2= Yes 99= otherwise
distumou	distant metastases	3= Yes 99= otherwise
tissec	tissue sections	1=Yes 99= otherwise
biopsy_sample	biopsy samples	1=biopsy is taken 2=No biopsy 99=does not know
blood	blood samples	2=Yes 3=Yes 99=otherwise
homy	The number of samples	
normmmsp	normal appearance of Cervix	1= Yes 99= otherwise
hypmmsp	hyperaemic cervix	2= Yes 99= otherwise
ulcmmsp	ulcerated cervix	3= Yes 99= otherwise
purummsp	purulent appearance of Cervix	4= Yes 99= otherwise
othesp	others specify	
haegm	haemorrhagic smear	6= Yes 99= otherwise
nomgcell	no malignant cells in Smear	6= Yes 99= otherwise
CIN1	CIN 1	6= Yes 99=otherwise
CIN2	CIN 2	7= Yes 99=otherwise
CIN3	CIN 3	8= Yes 99=otherwise
mlgcells	malignant cells in smear	8= Yes 99= otherwise
thinprep	thinprep sample provided	1= Yes 99= otherwise
papsmear	pap smear slide provided	2= Yes 99=otherwise
bloodsam	blood sample provided	3= Yes 99= otherwise
anemia	anaemia present	1= Yes 2= No 99= missing
jandice	presence of jaundice	1= Yes 2= No 99= missing
wastng	presence of wasting	1= none 2= mild 3= moderate 4= severe 99= missing
splnlpalp	spleen palpable	1= yes 99= otherwise
notpalpb	spleen not palpable	2= Yes 99= otherwise
sizepalp	Size of palp (cm)	Number 2, 3, 4 99=missed
aothorg	any other organomegally	
doit	date of interview	
age	age in years	99=missing
school	ever been to school	1= Yes 2= No 99= missing
agessfns	age leaving school	
hlvstudy	highest level of education Attained	1= primary 2= secondary 3= technical 4= university 99= missing
evsmoke	ever smoked	1= Yes 2= No 99= missing
agesmoke	age of starting smoking	
smokedur	duration of smoking in years	99=not applicable
smokefre	number of cigarettes per day	
agequit	age at quitting smoking	
partsmok	partner smoking	1= Yes 2= No 99= missing
drinkalc	drinking alcohol	1= Yes 2= No 99= missing
agedalc	age started drinking	99=not applicable

beers	drinks beers	1= Yes 99= otherwise
beerqty	beer quantity per day	
brqwk	beer quantity per week	
brqmonth	beer quantity per month	
spirits	drinks spirits	1= Yes 99= otherwise
spiritqty	spirit quantity per day	
spqwk	spirit quantity per week	
spqmonth	spirit quantity per month	
waragi	drinks waragi	1= Yes 99=otherwise
wraqty	waragi quantity per day	
wraqwk	waragi quantity per week	
wraqmonth	waragi quantity per month	
tonto	dinks tonto	1= Yes 99=otherwise
tontqty	tonto quantity per day	
tontqwk	tonto quantity per week	
tontqmonth	tonto quantity per month	
munansi	drinks munansi	1= Yes 99= otherwise
mnsiqty	munansi quantity per day	
mnsqwk	munansi quantity per week	
mnsqmonth	munansi quantity per month	
kwete	drinks kwete	1= Yes 99= otherwise
kwetqty	kwete quantity per day	
kwetqwk	kwete quantity per week	
kwetqmonth	kwete quantity per month	
malwa	drinks malwa	1= Yes 99= otherwise
mlwqty	malwa quantity per day	
mlwqwk	malwa quantity per week	
mlwqmonth	malwa quantity per month	
others	drinks other types	1= Yes 99= otherwise
othqty	other quantity per day	
othqwk	other quantity per week	
othqmonth	other quantity per month	
sdalc	still drinking alcohol	1= Yes 2= No 99= missing
aqalc	age quit drinking alcohol	99= not applicable
ebpreg	ever been pregnant	1= Yes 2= No 99= missing
afcborn	age 1st child was born	
ftpreg	number of full term pregnancies	
spontabtn	number of spontaneous abortions	
indabtns	number of induced abortions	
eubcmeth	ever used birth control methods	1= Yes 2= No 99= missing
orcontr	oral contraceptive use	1= Yes 99= otherwise
durtncn	duration of oral contraceptive use in years	
condoms	condom use	1= Yes 99= otherwise
durtncodm	duration of condom use in years	
diaph	diaphragm use	1= Yes 99= otherwise
durtndiaph	duration diaphragm use in years	
ti	use of tubal ligation	1= Yes 99= otherwise

durtntl	duration of tubal ligation in years	
fmcrms	use of foams, creams	1= Yes 99= otherwise
durtnfmcrms	duration use of foams, creams	
othcont	use of other contraceptive(specify)	
durtnthcon	duration use of other contraceptives	
asexdeb	age at 1st sexual intercourse	
numsexp	number life time sex partners	
hadvd	had venereal disease	1= Yes 2= No 99= otherwise
syphilis	had syphilis	1= Yes 99= otherwise
gonrr	had gonnorae	1= Yes 99= otherwise
wants	had warts	1= Yes 99= otherwise
herper	had herpes	1= Yes 99= otherwise
othrd	had other venereal diseases(specify)	
lapdm	had lower abdominal pain	1= Yes 2=NO 99= otherwise
tlapadm	number of times had abdominal pain	
vagpusdi	had pus discharge per vagina	1= Yes 2= No 99= missing
tvagpus	number of times pus discharge per vagina	
genulc	had genital ulcers	1= Yes 2= No 99= missing
tgenulc	number of times with genital ulcer	
ltsmears	life time number pap smears	1= 0-1 2= 2-5 3= 6-10 4= 11-15 5= >15 6= None 99= missing 9= does not know
thadpapsm	time had last pap smear	1= 1 year ago 2= 2-3 years 3= 4 years 4= 5 years 9= does not know 99= missing
yrpapsm	years of last pap smear (it is repeat of EY)	
n0	frequency of malaria in exact number 0 to 10 years	89=many 99=Missing
dnaten	Malaria attacks 0 to 10 years	79=doesn't remember/not sure 99= missing
n11	frequency of malaria in exact number 11 to 19 years	79=does not remember 88=Many 99=Missing
dninteen	does not remember or not sure Malaria attacks 11 to19 years	79=does not remember 99= missing
n20	frequency of malaria in exact number 20 to 29 years	79=does not remember 88=Many 99=Missing
dnatwtynin	Malaria attacks 20 to29 years	79= does not remember/not sure 99= missing
n30	frequency of malaria in exact number 30 to 39 years	89=many 99= Missing
dnathtynin	Malaria attacks 30 to39 years	79=does not remember 89=many 99= missing
n40	frequency of malaria in exact number 40 to 49 years	79=does not remember 89=many 99=missing
dnafrtynin	Malaria attacks 40 to 49 years	79=does not remember 89=many 99=missing

n50	frequency of malaria in exact number 50 to 59 years	89=many 99=Missing
dnafiftynin	Malaria attacks 50 to 59 years	79=does not remember 89=many 99=missing
n60	frequency of malaria in exact number 60 to 69 years	89=many 99=Missing
dnasitynin	Malaria attacks 60 to 69 years	79=does not remember 89=many 99=missing
n70	frequency of malaria in exact number 70 to 79 years	79=does not remember 89=many 99=missing
dnasevntyin	Malaria attacks 70 to 79 years	79=does not remember 89=many 99=missing
n1st	frequency of malaria in 1st pregnancy exact number	89= many 99= missing
n1dnapreg	Malaria attacks in 1st pregnancy	79=does not remember 99= missing
n2nd	frequency of malaria in 2nd pregnancy exact number	89= many 99= missing
n2dnapreg	Malaria attacks in 2nd pregnancy	79=does not remember 99=missing
n3rd	frequency of malaria in 3rd pregnancy exact number	89= many 99= missing
n3dnapreg	Malaria attacks in 3rd pregnancy	79=does not remember 99=missing
n4th	frequency of malaria in 4th pregnancy exact number	89= many 99= missing
n4dnapreg	Malaria attacks in 4th pregnancy	79=does not remember 99= missing
n5th	frequency of malaria in 5th pregnancy exact number	89= many 99= missing
n5dnapreg	Malaria attacks in 5th pregnancy	79=does not remember 99= missing
n6th	frequency of malaria in 6th pregnancy exact number	89= many 99= missing
n6dnapreg	Malaria attacks in 6th pregnancy	79=does not remember 99= missing
N7th	frequency of malaria in 7th pregnancy exact number	89= many 99= missing
N7dnapreg	Malaria attacks in 7th pregnancy	79=does not remember 99= missing
n8th	frequency of malaria in 8th pregnancy exact number	89= many 99= missing
N8dnapreg	Malaria attacks in 8th pregnancy	79=does not remember 99= missing
lastpreg	frequency of malaria in last pregnancy exact number	89= many 99= missing
dnalstpreg	Malaria attacks in last pregnancy	79=does not remember 99= missing
malattks	number of malaria attacks last 2 years	79= not sure 89= many

	exact number	99= missing
numplces	number of places of residences	
n1st1	name of village of 1st residence	
scone	name of subcounty of 1st residence	
distone	name of district of 1st residence	
n2nd1	name of village of 2nd residence	
sctwo	name of subcounty of 2nd residence	
disttwo	name of district of 2nd residence	
n3rd1	name of village of 3rd residence	
sctthree	name of subcounty of 3rd residence	
distthree	name of district of 3rd residence	
n4th1	name of village of 4th residence	
scfour	name of subcounty of 4th residence	
distfour	name of district of 4th residence	
n5th1	name of village of 5th residence	
scfive	name of subcounty of 5th residence	
distfive	name of district of 5th residence	
n6th1	name of village of 6th residence	
scsix	name of subcounty of 6th residence	
distsix	name of district of 6th residence	
n7th1	name of village of 7th residence	
sceven	name of subcounty of 7th residence	
distseven	name of district of 7th residence	
n8th1	name of village of 8th residence	
sceight	name of subcounty of 8th residence	
disteight	name of district of 8th residence	
present	name of village of present residence	
prstsc	name of subcounty of present residence	
prstdist	name of district of present residence	
soincfa	source of family income	1=salary/wage 2=business 3=farming 4=other (specify) 99=missing
othspfy	other sources of family income (specify)	
fiadeq	is family income adequate	1= Yes 2= No 99=missing
gaincome	source of extra income	
wasupp	source of water supply	1=tap at home 2=tap in nearby 3=borehole 4=spring/pond 5=stream, river, Lake 99=missing
farwspp	distance to water source at home	0 =water at home 99=missing
vrynhme	very near water source	99 =missing 5,10,40,50 exact distance in meters from home
mtre	water distance <250m	99 =missing
mtres	water distance >250m	99 =missing
frmr	water distance in kilometres	99 =missing exact distance in kilometre
stage	stage	1=stage1 2=stage2 3=stage3

		4=stage4 5=stage not known 99=missing
squam	Squamous cell carcinoma :squam	1= Yes 99=otherwise
hivtest	tested HIV	0=No 1=Yes
hpvtest	Tested HPV	1=Yes 0=No ``=missed
cathpv	The category of HPV	0=single infection 1=multiple infections
numhpv	The Number of HPV types	1, 2, 3, 4
loctumour	Localised tumour	1=Yes 99=otherwise ``=missed
regtumour	Regional tumour	2=Yes 99=otherwise ``=missed
distumour	Distant metastases	3=Yes 99=otherwise ``=missed
samtypecs	Sample types	1=Indicated 99=otherwise
samppdcont	Samples provided	1=indicated 9=Otherwise ``= missed
fdiagnosis	Find cytological diagnosis	
biopsy1	Biopsy status	1=Yes 0=No
adeno	Adeno carcinoma	2=Yes 99=otherwise
mix	Adeno squamous	3=Yes 99=otherwise/missed
other	Other histological type	4=Yes 99=otherwise/missed
hpvstatus	The status of HPV	0=negative 1=positive ``= missed
hpvstatus2	The different types and number of HPV	missing, neg, 16, ...
grade	Histological grade	0=low grade 1=high grade
ddl	DDL id	DDL identification number