

KEMRI-Wellcome Trust Research Programme Nairobi Health Services Unit

## **Syndromic Surveillance - Server Tool**

PID 71



## **■** Data Dictionary Codebook

06/12/2023 1:06pm

▲ Collapse all instruments

#	Variable / Field Name	Field Label Field Note	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instr	rument: <b>Biodata</b> (biodata)		<b>^</b> Collapse
1	record_id	Record ID Use format [hosp id][record id] - eg.5100001 for Kiambu record 00001	text (integer), Identifier
2	date_of_entry	Date of entry	text (date_dmy)
3	hospital	Hospital	dropdown, Required
			62 Kisumu County Hospital
			66 Busia County Referral Hospital
			52 Machakos Level 5 Hospital
			53 Mama Lucy Kibaki Hospital
			68 Kitale County Referral Hospital
			51 Kiambu Level 5 Hospital
			63 Kakamega County General & Teaching Referral Hospital
			54 Mbagathi Hospital
			83 Kilifi County Hospital
			71 Embu Level 5 Hospital
			45 Naivasha County Referral Hospital
			76 Bungoma County Hospital
			84 Kisii Teaching and Referral Hospital
			85 Kenyatta University Teaching and Referral Hospital
			86 Moi University Teaching and Referral Hospital
			87 Coast General Teaching and Referral Hospital
			44 Jaramogi Oginga Odinga Teaching and Referral Hospital
4	mar_used	Has the Medical Admission Record form used?	yesno, Required  1 Yes  0 No
5	ipno	Patients IPNo	text, Required

6	control_number	Control Number	text (number), Required
	Show the field ONLY if: [hospital] = '62'		

7	subcounty	Subcounty	dropo	lown (autocomplete)
			1	Baringo Central
			2	Baringo North
			3	Baringo South
			4	Eldama Ravine
			5	Mogotio
			6	Tiaty
			7	Bomet Central
			8	Bomet East
			9	Chepalungu
			10	Konoin
			11	Sotik
			12	Bumula
			13	Kabuchai
			14	Kanduyi
			15	Kimilili
			16	Mt. Elgon
			17	Sirisia
			18	Tongaren
			19	Webuye East
			20	Webuye West
			21	Bunyala
			22	Butula
			23	Samia
			24	Matayos
			25	Nambale
			26	Teso North
			27	Teso South
			28	Keiyo North
			29	Keiyo South
			30	Marakwet East
			31	Marakwet West
			32	Manyatta
			33	Mbeere North
			34	Mbeere South
			35	Runyenjes
			36	Balambala
			37	Dadaab
			38	Fafi
			39	Garissa
			40	Ijara
			41	Lagdera
			42	Homa Bay
			43	Rachuonyo East
			44	Rachuonyo North
			45	Rachuonyo South
			46	Suba North
			47	Ndhiwa

51   1 (1	_DOGP
48	Rangwe
49	Suba South
50	Garbatulla
51	Isiolo
52	Merti
53	Kajiado Central
54	Kajiado East
55	Kajiado North
56	Kajiado South
57	Kajiado West
58	Butere
59	Ikolomani
60	Khwisero
61	Likuyani
62	Lugari
63	Lurambi
64	Malava
65	Matungu
66	Mumias East
67	Mumias West
68	Navakholo
69	Shinyalu
70	Ainamoi
71	Belgut
72	Bureti
73	Kipkelion East
74	Kipkelion West
75	Soin-Sigowet
76	Gatundu North
77	Gatundu South
78	Githunguri
79	Juja
80	Kabete
81	Kiambaa
82	Kiambu
83	Kikuyu
84	Lari
85	Limuru
86	Ruiru
87	Thika Town
88	Ganze
89	Kaloleni
90	Kilifi North
91	Kilifi South
92	Magarini
93	Malindi
94	Rabai
95	Kirinyaga East

51   131	
96	Kirinyaga Central
97	Kirinyaga West
98	Bobasi
99	Bomachoge Borabu
100	Bomachoge Chache
101	Bonchari
102	Kitutu Chache North
103	Kitutu Chache South
104	Nyaribari Chache
105	Nyaribari Masaba
106	South Mugirango
107	Kisumu Central
108	Kisumu East
109	Kisumu West
110	Muhoroni
111	Nyakach
112	Nyando
113	Seme
114	Kitui Central
115	Kitui East
116	Kitui Rural
117	Kitui South
118	Kitui West
119	Mwingi Central
120	Mwingi North
121	Mwingi West
122	Kinango
123	Matuga
124	Laikipia East
125	Laikipia North
126	Laikipia West
127	Lamu East
128	Lamu West
129	Kangundo
130	Kathiani
131	Machakos
132	Masinga
133	Matungulu
134	Mavoko
135	Mwala
136	Yatta
137	Kaiti
138	Kibwezi East
139	Kibwezi West
140	Kilome
141	Makueni
142	Mbooni
143	Banissa
-	

'	- 1
144	Lafey
145	Mandera East
146	Mandera North
147	Mandera West
148	Laisamis
149	Moyale
150	North Horr
151	Saku
152	Buuri
153	Central Imenti
154	Igembe Central
155	Igembe North
156	Igembe South
157	North Imenti
158	South Imenti
159	Tigania East
160	Tigania West
161	Awendo
162	Kuria East
163	Kuria West
164	Nyatike
165	Rongo
166	Suna East
167	Suna West
168	Uriri
169	Changamwe
170	Jomvu
171	Kisauni
172	Likoni
173	Mvita
174	Nyali
175	Gatanga
176	Kahuro
177	Kandara
178	Kangema
179	Kigumo
180	Kiharu
181	Maragwa
182	Mathioya
183	Dagoretti North
184	Dagoretti South
185	Embakasi Central
186	Embakasi East
187	Embakasi North
188	Embakasi South
189	Embakasi West
190	Kamukunji
191	Kasarani

01   131	_DOGP
192	Kibra
193	Langata
194	Makadara
195	Mathare
196	Roysambu
197	Ruaraka
198	Starehe
199	Westlands
200	Bahati
201	Gilgil
202	Kuresoi North
203	Kuresoi South
204	Molo
205	Naivasha
206	Nakuru Town East
207	Nakuru Town West
208	Njoro
209	Rongai
210	Subukia
211	Aldai
212	Chesumei
213	Emgwen
214	Mosop
215	Nandi Hills
216	Tinderet
217	Transmara East
218	Transmara West
219	Narok East
220	Narok North
221	Narok South
222	Narok West
223	Borabu
224	Masaba North
225	Manga
226	Nyamira North
227	Nyamira South
228	Kinangop
229	Kipipiri
230	Ndaragwa
231	Ol Joro Orok
232	Ol Kalou
233	Kieni East
234	Kieni West
235	Mathira East
236	Mathira West
237	Mukurweini
238	Nyeri Central
239	Othaya

01   Ki	=DCар
240	Tetu
241	Samburu East
242	Samburu North
243	Samburu West
244	Alego-usonga
245	Bondo
246	Gem
247	Rarieda
248	Ugenya
249	Ugunja
250	Mwatate
251	Taveta
252	Voi
253	Wundanyi
254	Bura
255	Galole
256	Garsen
257	Chuka/Igambang'ombe
258	Tharaka South
259	Maara
260	Tharaka North
261	Cherangany
262	Endebess
263	Kiminini
264	Kwanza
265	Saboti
266	Loima
267	Turkana Central
268	Turkana East
269	Turkana North
270	Turkana South
271	Turkana West
272	Ainabkoi
273	Kapseret
274	Kesses
275	Moiben
276	Soy
277	Turbo
278	Emuhaya
279	Hamisi
280	Luanda
281	Sabatia
282	Vihiga
283	Eldas
284	Tarbaj
285	Wajir East
286	Wajir North
287	Wajir South

			288 Wajir West			
			289 North Pokot			
			290 West Pokot			
			291 Pokot South			
			292 Central Pokot			
			293 Mwea East			
			294 Mwea West			
			295 Msambweni			
			296 Lunga Lunga			
			297 Kutullo			
			298 Mandera South			
			299 Missing			
			300 Other			
8	other_subcounty	Other Subcounty	text, Required			
	Show the field ONLY if:	other subcounty	text, required			
	[subcounty] = '300'					
9	sex	Sex	radio, Required			
			1 Male			
			2 Female			
			Custom alignment: RH			
10	data of admission	Date of Admission				
10	date_of_admission	(Type 01-01-1913 if date is missing)	text (date_dmy), Required			
11	dob_known	Is date of birth known?	yesno, Required			
			1 Yes			
			0 No			
12	dob	Date of Birth	text (date_dmy), Required			
	Show the field ONLY if:	(If YEAR only is provided, please record dob as 16-06-YEAR)				
	[dob_known] = '1'					
13	calculated_age	Calculated Age of participant	calc Calculation: round(datediff([dob],			
	Show the field ONLY if: [dob_known] = '1'		[date_of_admission],"y"))			
14	age_years	Age of participant as documented in years	text (number, Min: 18, Max: 100), Required			
14	Show the field ONLY if:	Age of participant as documented in years	text (number, with 10, wax. 100), required			
	[dob_known] = '0'					
15	biodata_complete	Section Header: Form Status	dropdown			
		Complete?	0 Incomplete			
			1 Unverified			
			2 Complete			
Instr	Instrument: Presenting Complaints and History (presenting_complaints_and_history)					
16	headache	Section Header: Presenting Complaint(s)	radio, Required			
		Headache	1 Yes			
			0 No			
			-1 Empty			
			Custom alignment: RH			
17	headache_duration	Headache duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH			
	Show the field ONLY if: [headache] = '1'					
	[incudactio] = 1					

18	loss_of_consciousness	Loss of Consciousness	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
19	consciousness_duration Show the field ONLY if: [loss_of_consciousness] = '1'	Loss of Consciousness duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
20	cough	Cough	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
21	cough_duration Show the field ONLY if: [cough] = '1'	Cough duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
22	chest_pain	Chest Pain	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
23	chest_pain_duration Show the field ONLY if: [chest_pain] = '1'	Chest Pain duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
24	generalised_weakness	Generalised weakness	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
25	weakness_duration Show the field ONLY if: [generalised_weakness] = '1'	Generalised weakness duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
26	dysuria	Dysuria	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
27	dysuria_duration Show the field ONLY if: [dysuria] = '1'	Dysuria duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
28	abdominal_pain	Abdominal Pain	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
29	abdominal_pain_duration  Show the field ONLY if: [abdominal_pain] = '1'	Abdominal Pain duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH

30	vomiting	Vomiting	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
31	vomiting_duration Show the field ONLY if: [vomiting] = '1'	Vomiting duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
32	diarrhoea	Diarrhoea indicate in days	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
33	diarrhoea_duration Show the field ONLY if: [diarrhoea] = '1'	Diarrhoea duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
34	fever	Hotness of body (Fever)	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
35	fever_duration Show the field ONLY if: [fever] = '1'	Fever duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
36	other_complaint1	Other Presenting Complaint 1?	yesno, Required  1 Yes  0 No  Custom alignment: RH
37	indicate_complaint1 Show the field ONLY if: [other_complaint1] = '1'	Indicate the Presenting Complaint 1	text, Required Custom alignment: RH
38	complaint1_duration  Show the field ONLY if: [other_complaint1] = '1' and [i ndicate_complaint1] <> "	[indicate_complaint1] duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
39	other_complaint2 Show the field ONLY if: [other_complaint1] = '1'	Other Presenting Complaint 2?	yesno, Required  1 Yes  0 No  Custom alignment: RH
40	indicate_complaint2 Show the field ONLY if: [other_complaint2] = '1'	Indicate the Presenting Complaint 2	text, Required Custom alignment: RH
41	complaint1_duration_2 Show the field ONLY if: [other_complaint2] = '1' and [i ndicate_complaint2] <> "	[indicate_complaint2] duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH

42	other_complaint3	Other Presenting Complaint 3?	yesno, Required
	Show the field ONLY if: [other_complaint2] = '1'		1 Yes
	[other_complaint2]		0 No
			Custom alignment: RH
43	indicate_complaint3	Indicate the Presenting Complaint 3	text, Required Custom alignment: RH
	Show the field ONLY if: [other_complaint3] = '1'		Custom angriment. An
44	complaint1_duration_3	[indicate_complaint3] duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
	Show the field ONLY if: [other_complaint3] = '1' and [i ndicate_complaint3] <> "		euston ung mena m
45	other_complaint4	Other Presenting Complaint 4?	yesno, Required
	Show the field ONLY if:		1 Yes
	[other_complaint3] = '1'		0 No
			Custom alignment: RH
46	indicate_complaint4	Indicate the Presenting Complaint 4	text, Required
	Show the field ONLY if:		Custom alignment: RH
47	[other_complaint4] = '1'	Findings complaint41 descript	tout (integra Min. O. May OO). Degrained
47	complaint1_duration_4 Show the field ONLY if:	[indicate_complaint4] duration indicate in days	text (integer, Min: 0, Max: 90), Required Custom alignment: RH
	[other_complaint4] = '1' and [i ndicate_complaint4] <> "		
48	received_covid_19_vaccine	Section Header: General History	radio, Required
		Has the patient received any COVID-19 vaccine?	1 Yes
			0 No -1 Empty
			-1 Empty
			Custom alignment: RH
49	doses_received	If yes, indicate the number of doses received:	radio, Required
	Show the field ONLY if: [received_covid_19_vaccine] =		1 One
	'1'		2 Two 3 Three
			4 Four
			-1 Empty
F0		W : 5 1 .4	Custom alignment: RH
50	vaccine_product_1 Show the field ONLY if:	Vaccine Product 1	radio, Required  1 AstraZeneca
	[doses_received] = '1' or [dos		2 Moderna
	es_received] = '2' or [doses_re ceived] = '3' or [doses_receive		3 Johnson & Johnson
	d] = '4'		4 Pfizer
			5 Sputnik V
51	first_dose_date	Date when [vaccine_product_1] was given	text (date_dmy), Required
	Show the field ONLY if: [vaccine_product_1] != "		
52	vaccine_product_2	Vaccine Product 2	radio, Required
	Show the field ONLY if: [doses_received] = '2' or [dos		1 AstraZeneca
	es_received] = '3' or [doses_re		2 Moderna 3 Johnson & Johnson
	ceived] = '4'		4 Pfizer
			5 Sputnik V

53	first_dose_date_2	Date when [vaccine_product_2] was given	text (date_dmy), Required
	Show the field ONLY if: [vaccine_product_2] != "		
54	vaccine_product_3	Vaccine Product 3	radio, Required
	Show the field ONLY if:		1 AstraZeneca
	[doses_received] = '3' or [dos es_received] = '4'		2 Moderna
			3 Johnson & Johnson
			4 Pfizer
			5 Sputnik V
55	first_dose_date_3	Date when [vaccine_product_3] was given	text (date_dmy), Required
	Show the field ONLY if: [vaccine_product_3] != "		
56	vaccine_product_4	Vaccine Product 4	radio, Required
	Show the field ONLY if:		1 AstraZeneca
	[doses_received] = '4'		2 Moderna
			3 Johnson & Johnson
			4 Pfizer
			5 Sputnik V
57	first_dose_date_4	Date when [vaccine_product_4] was given	text (date_dmy), Required
	Show the field ONLY if: [vaccine_product_4] != "		
58	hiv_status	HIV status	radio, Required
			1 Positive
			2 Negative
			3 Unknown
			-1 Empty
			Custom alignment: RH
59	on_haart	If positive, on HAART?	radio
	Show the field ONLY if:		1 Yes
	[hiv_status] = '1'		0 No
			-1 Empty
			Custom alignment: RH
60	smoking	Is the patient a current smoker?	radio, Required
			1 Yes
			0 No
			-1 Empty
			Custom alignment: RH
61	alcohol	Does the patient take alcohol?	radio, Required
			1 Yes
			0 No
			-1 Empty
			Custom alignment: RH
62	chronic_illness	Does the patient suffer from any chronic illness?	radio, Required
			1 Yes
			0 No
			-1 Empty
			Custom alignment: RH

63	indicate_chronic_illness1 Show the field ONLY if: [chronic_illness] = '1'	If yes, please indicate one	text, Required Custom alignment: RH
64	chronic_illness2 Show the field ONLY if: [chronic_illness] = '1'	Is there another chronic illness?	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
65	indicate_chronic_illness2 Show the field ONLY if: [chronic_illness2] = '1'	Please indicate	text, Required Custom alignment: RH
66	chronic_illness3  Show the field ONLY if: [chronic_illness2] = '1'	Is there another chronic illness?	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
67	indicate_chronic_illness3 Show the field ONLY if: [chronic_illness3] = '1'	Please indicate	text, Required Custom alignment: RH
68	chronic_illness4 Show the field ONLY if: [chronic_illness3] = '1'	Is there another chronic illness?	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
69	indicate_chronic_illness4  Show the field ONLY if: [chronic_illness4] = '1'	Please indicate	text, Required Custom alignment: RH
70	chronic_illness5 Show the field ONLY if: [chronic_illness4] = '1'	Is there another chronic illness?	radio, Required  1 Yes  0 No -1 Empty  Custom alignment: RH
71	indicate_chronic_illness5 Show the field ONLY if: [chronic_illness5] = '1'	Please indicate	text, Required Custom alignment: RH
72	presenting_complaints_and_h istory_complete	Section Header: Form Status  Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	ument: <b>Examination</b> (exam	nination)	<b>^</b> Collapse

73	general condition	General Condition	chackhov Required
/3	general_condition	General Condition	checkbox, Required  1 general condition1 Jaundice
			2 general_condition2 Pallor
			3 general_condition3 Cyanosis
			4 general_condition4 Clubbing
			5 general_condition5 Lymphadenopathy
			6 general_condition6 Oedema
			7 general_condition7 Wasting
			8 general_condition8 Dehydration
			9 general_condition9 None of the above
			10 general_condition10 Missing
			Field Annotation: @NONEOFTHEABOVE='9,10'
74	weight	Weight (kg) (Record -1 if missing)	text (number, Min: 40, Max: 150), Required
75	height	Height (cm) (Record -1 if missing)	text (number, Min: 50, Max: 250), Required
76	temp	Section Header: Vital Signs	text (number, Min: 30, Max: 45), Required
		Temperature(°C)	
77	heart_rate	(Record -1 if missing) Heart Rate (/min)	text (number, Min: 40, Max: 150), Required
	carc_racc	(Record -1 if missing)	continuent, min. 10, max. 150, nequired
78	oxygen_sat	Oxygen saturation (%) (Record -1 if missing)	text (number, Min: 20, Max: 100), Required
79	blood_pressure_sys	Blood pressure (Systolic) units in mmHg (Record -1 if missing)	text (number, Min: 50, Max: 200), Required
80	blood_pressure_dia	Blood pressure (Diastolic) units in mmHg (Record -1 if missing)	text (number, Min: 30, Max: 150), Required
81	resp_rate	Respiratory rate (b/min) (Record -1 if missing)	text (number, Min: 5, Max: 30), Required
82	examination_complete	Section Header: Form Status	dropdown
		Complete?	0 Incomplete
			1 Unverified
			2 Complete
Instr	ument: Admission diagnos	sis (admission_diagnosis)	^ Collapse
83	adm_diag_1	Admission diagnosis 1 (Primary diagnosis)	text, Required
84	adm_diag_2	Admission diagnosis 2 (Secondary diagnoses)	text
	Show the field ONLY if:		
	[adm_diag_1]!=" and [adm_di ag_1]!='None' and [adm_diag_		
	1]!='Missing'		
85	adm_diag_3	Admission diagnosis 3 (Secondary diagnoses)	text
	Show the field ONLY if:		
	[adm_diag_2]!=" and [adm_di		
	ag_2]!='None' and [adm_diag_ 2]!='Missing'		
86	adm_diag_4	Admission diagnosis 4 (Secondary diagnoses)	text
	Show the field ONLY if:	, 200	
	[adm_diag_3]!=" and [adm_di		
	ag_3]!='None' and [adm_diag_		
	3]!='Missing'	Administration diagnostic F (Constructions)	45.4
87	adm_diag_5	Admission diagnosis 5 (Secondary diagnoses)	text
	Show the field ONLY if: [adm_diag_4]!=" and [adm_di		
	ag_4]!='None' and [adm_diag_		
	4]!='Missing'		

88	adm_diag_6	Admission diagnosis 6 (Secondary diagnoses)	text
	Show the field ONLY if: [adm_diag_5]!=" and [adm_diag_5]!="None" and [adm_diag_5]!='Missing'		
89	adm_diag_7	Admission diagnosis 7 (Secondary diagnoses)	text
	Show the field ONLY if: [adm_diag_6]!=" and [adm_diag_6]!="None" and [adm_diag_6]!="Missing"		
90	adm_diag_8	Admission diagnosis 8 (Secondary diagnoses)	text
	Show the field ONLY if: [adm_diag_7]!=" and [adm_diag_7]!="None" and [adm_diag_7]!='Missing'		
91	other_adm_diagnosis	Other Admission diagnosis	text
	Show the field ONLY if:  [adm_diag_1] = 'Other' or [ad m_diag_2] = 'Other' or [adm_ diag_3] = 'Other' or [adm_dia g_4] = 'Other' or [adm_diag_5] = 'Other' or [adm_diag_6] = 'O ther' or [adm_diag_7] = 'Othe r' or [adm_diag_8] = 'Other'		Field Annotation: @HIDDEN
92	admission_diagnosis_complet	Section Header: Form Status	dropdown
	е	Complete?	0 Incomplete
			1 Unverified
			2 Complete
Instr	rument: <b>Investigations</b> (inv	restigations)	^ Collapse
93	haematology	Section Header: Investigations Ordered (record subsequent tests and all results in medical record)	checkbox, Required
		Haematology	1 haematology1 Full Blood Count
			2 haematology2 Haemoglobin alone
			3 haematology3 None of the above
94	wbc_count	WBC count (per litre)	3 haematology3 None of the above
94	Show the field ONLY if:	WBC count (per litre) (Record -1 if missing)	3 haematology3 None of the above Field Annotation: @NONEOFTHEABOVE=6
	Show the field ONLY if: [haematology(1)] = '1'	(Record -1 if missing)	3 haematology3 None of the above Field Annotation: @NONEOFTHEABOVE=6 text (number, Min: 4, Max: 11), Required
94	Show the field ONLY if: [haematology(1)] = '1' neutrophil_count		3 haematology3 None of the above Field Annotation: @NONEOFTHEABOVE=6
	Show the field ONLY if: [haematology(1)] = '1'	(Record -1 if missing)  Neutrophil count (I/mm3)	3 haematology3 None of the above Field Annotation: @NONEOFTHEABOVE=6 text (number, Min: 4, Max: 11), Required
	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if:	(Record -1 if missing)  Neutrophil count (I/mm3) (Record -1 if missing)  Neutrophil count (%)	3 haematology3 None of the above Field Annotation: @NONEOFTHEABOVE=6 text (number, Min: 4, Max: 11), Required
95	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if: [haematology(1)] = '1'	(Record -1 if missing)  Neutrophil count (I/mm3) (Record -1 if missing)	3 haematology3 None of the above Field Annotation: @NONEOFTHEABOVE=6 text (number, Min: 4, Max: 11), Required text (number, Min: 1.5, Max: 7.5), Required
95	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count_percent  Show the field ONLY if:	(Record -1 if missing)  Neutrophil count (I/mm3) (Record -1 if missing)  Neutrophil count (%) (Record -1 if missing)  Lymphocyte count ( I/mm3)	3 haematology3 None of the above Field Annotation: @NONEOFTHEABOVE=6 text (number, Min: 4, Max: 11), Required text (number, Min: 1.5, Max: 7.5), Required
95	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count_percent  Show the field ONLY if: [haematology(1)] = '1'	(Record -1 if missing)  Neutrophil count (I/mm3) (Record -1 if missing)  Neutrophil count (%) (Record -1 if missing)	3 haematology3 None of the above  Field Annotation: @NONEOFTHEABOVE=6  text (number, Min: 4, Max: 11), Required  text (number, Min: 1.5, Max: 7.5), Required  text (number, Min: 1, Max: 100), Required
95	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count_percent  Show the field ONLY if: [haematology(1)] = '1'  lymphocyte_count  Show the field ONLY if:	Neutrophil count (I/mm3) (Record -1 if missing)  Neutrophil count (%) (Record -1 if missing)  Lymphocyte count ( I/mm3) (Record -1 if missing)  Lymphocyte count (%)	3 haematology3 None of the above  Field Annotation: @NONEOFTHEABOVE=6  text (number, Min: 4, Max: 11), Required  text (number, Min: 1.5, Max: 7.5), Required  text (number, Min: 1, Max: 100), Required
95 96 97	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count_percent  Show the field ONLY if: [haematology(1)] = '1'  lymphocyte_count  Show the field ONLY if: [haematology(1)] = '1'	(Record -1 if missing)  Neutrophil count (I/mm3) (Record -1 if missing)  Neutrophil count (%) (Record -1 if missing)  Lymphocyte count ( I/mm3) (Record -1 if missing)	3 haematology3 None of the above  Field Annotation: @NONEOFTHEABOVE=6  text (number, Min: 4, Max: 11), Required  text (number, Min: 1.5, Max: 7.5), Required  text (number, Min: 1, Max: 100), Required  text (number, Min: 1, Max: 5), Required
95 96 97	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count_percent  Show the field ONLY if: [haematology(1)] = '1'  lymphocyte_count  Show the field ONLY if: [haematology(1)] = '1'  lymphocyte_count_percent  Show the field ONLY if:	Neutrophil count (I/mm3) (Record -1 if missing)  Neutrophil count (%) (Record -1 if missing)  Lymphocyte count ( I/mm3) (Record -1 if missing)  Lymphocyte count (%) (Record -1 if missing)  Hb (g/dL)	3 haematology3 None of the above  Field Annotation: @NONEOFTHEABOVE=6  text (number, Min: 4, Max: 11), Required  text (number, Min: 1.5, Max: 7.5), Required  text (number, Min: 1, Max: 100), Required  text (number, Min: 1, Max: 5), Required
95 96 97 98	Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count  Show the field ONLY if: [haematology(1)] = '1'  neutrophil_count_percent  Show the field ONLY if: [haematology(1)] = '1'  lymphocyte_count  Show the field ONLY if: [haematology(1)] = '1'  lymphocyte_count_percent  Show the field ONLY if: [haematology(1)] = '1'  lymphocyte_count_percent  Show the field ONLY if: [haematology(1)] = '1'	Neutrophil count (I/mm3) (Record -1 if missing)  Neutrophil count (%) (Record -1 if missing)  Lymphocyte count ( I/mm3) (Record -1 if missing)  Lymphocyte count (%) (Record -1 if missing)	3 haematology3 None of the above  Field Annotation: @NONEOFTHEABOVE=6  text (number, Min: 4, Max: 11), Required  text (number, Min: 1.5, Max: 7.5), Required  text (number, Min: 1, Max: 100), Required  text (number, Min: 1, Max: 5), Required  text (number, Min: 1, Max: 100), Required

100	platelets	Platelets (per litre)	text (number, Min: 150, Max: 450), Required	
	Show the field ONLY if: [haematology(1)] = '1'	(Record -1 if missing)		
101	biochemistry	Biochemistry	checkbox, Required	
			1 biochemistry1 Kidney Function Tests	
			2 biochemistry2 Liver Function Tests	
			3 biochemistry3 Blood Glucose - Random Blood Sugar	
			4 biochemistry4 Blood Glucose - HbA1C	
			5 biochemistry5 Other(s)	
			6 biochemistry6 None of the above	
			Field Annotation: @NONEOFTHEABOVE=6	
102	other_biochemistry	Other Biochemistry	text, Required	
	Show the field ONLY if: [biochemistry(5)] = '1'	(For more than one, separate with semi-colon;)		
103	microbiology	Microbiology	checkbox, Required	
			1 microbiology1 Urinalysis	
			2 microbiology2 Urine M/C/S	
			3 microbiology3 Blood Culture	
			4 microbiology4 Lumbar Puncture	
			5 microbiology5 Stool M/C/S	
			6 microbiology6 Other(s)	
			7 microbiology7 None of the above	
			Field Annotation: @NONEOFTHEABOVE=7	
104	other_microbiology	Other Microbiology	text, Required	
	Show the field ONLY if: [microbiology(6)] = '1'	(For more than one, separate with semi-colon;)		
105	disease_specific_tests	Disease specific tests	checkbox, Required	
			1 disease_specific_tests1 Malaria blood slide	
			2 disease_specific_tests2 TB gene Xpert	
			3 disease_specific_tests3 TB sputum M/C/S	
			4 disease_specific_tests4 HIV test	
			5 disease_specific_tests5 COVID-19 test	
			6 disease_specific_tests6 Other(s)	
			7 disease_specific_tests7 None of the above	
			Field Annotation: @NONEOFTHEABOVE=7	
106	other_tests	Other tests	text, Required	
	Show the field ONLY if: [disease_specific_tests(6)] = '1'	(For more than one, separate with semi-colon;)	Custom alignment: RH	
107	malaria_test_result	Malaria test result	radio, Required	
	Show the field ONLY if:		1 Positive	
	[disease_specific_tests(1)] =		2 Negative	
	'1'		-1 Missing	
			Custom alignment: RH	

108	covid_19_results	COVID-19 Results	radio, Required
	Show the field ONLY if:		1 Positive
	[disease_specific_tests(5)] =		2 Negative
	'1' 		-1 Missing
			Custom alignment: RH
109	hiv_results	HIV Results	radio, Required
	Show the field ONLY if:		1 Positive
	[disease_specific_tests(4)] =		2 Negative
			-1 Missing
			Custom alignment: RH
110	routine_radiology	Section Header: Radiology	checkbox, Required
		Routine	1 routine_radiology1 X-ray (specify)
			2 routine_radiology2 Ultrasound (specify)
			3 routine_radiology3 CT Scan (specify)
			4 routine_radiology4 MRI (specify)
			5 routine_radiology5 None of the above
			Field Annotation: @NONEOFTHEABOVE=5
111	specify_x_ray	Specify X-ray	text, Required
	Show the field ONLY if:		
	[routine_radiology(1)] = '1'		
112	specify_ultrasound	Specify Ultrasound	text, Required
	Show the field ONLY if:		
	[routine_radiology(2)] = '1'		
113	specify_ct_scan	Specify CT Scan	text, Required
	Show the field ONLY if: [routine_radiology(3)] = '1'		
114	specify_mri	Specify MRI	text, Required
	Show the field ONLY if:		
	[routine_radiology(4)] = '1'		
115	specialized_radiology	Specialized	checkbox, Required
			1 specialized_radiology1 EEG
			2 specialized_radiology2 ECG
			3 specialized_radiology3 Echocardiogram
			4 specialized_radiology4 Oesophago-Gastro- Duodenoscopy (OGD)
			5 specialized_radiology5 Colonoscopy
			6 specialized_radiology6 Nerve Conduction
			Studies
			7 specialized_radiology7 Other(s)
			8 specialized_radiology8 None of the above
			Field Annotation: @NONEOFTHEABOVE=8
116	other_radiology	Other Specialized radiology (For more than one, separate with semi-colon;)	text, Required
	Show the field ONLY if: [specialized_radiology(7)] = '1'		
117	investigations_complete	Section Header: Form Status	dropdown
		Complete?	0 Incomplete
			1 Unverified
			2 Complete

Instr	rument: Discharge Summa	ry (discharge_summary)		^ Collapse
118	outcome	Outcome	radio, Required  1 Alive 2 Dead  Custom alignment: RH	
119	d1_present Show the field ONLY if: [outcome] = '2'	D1 present and used?	radio, Required  1 Yes  0 No 2 Present but not used  Custom alignment: RH	
120	cause_of_death Show the field ONLY if:	Immediate cause of death as indicated on D1 form	text, Required	
121	[d1_present] = '1'  cause_of_death_file  Show the field ONLY if: [d1_present] = '0' or [d1_present] = '2'	Immediate cause of death as indicated in the file	text	
122	morbid_1 Show the field ONLY if: [outcome]='2'	Antecedent causes of death: Morbid 1	text, Required	
123		Antecedent causes of death: Morbid 2	text	
124	morbid_3 Show the field ONLY if: [morbid_2]!=" and [morbid_ 2]!='None' and [morbid_2]! ='Missing'	Antecedent causes of death: Morbid 3	text	
125	other_morbid1 Show the field ONLY if: [outcome]='2'	Other significant conditions contributing to death but not related to the immediate cause 1	text	
126	other_morbid2  Show the field ONLY if: [other_morbid1]!=" and [othe r_morbid1]!='None' and [othe r_morbid1]!='Missing'	Other significant conditions contributing to death but not related to the immediate cause 2	text	
127	other_morbid3 Show the field ONLY if: [other_morbid2]!=" and [othe r_morbid2]!="None" and [othe r_morbid2]!="Missing"	Other significant conditions contributing to death but not related to the immediate cause 3	text	
128	status_at_discharge  Show the field ONLY if: [outcome] = '1'	Status at Discharge	radio, Required  1 Discharged  2 Absconded  3 Referred  4 DAMA	
129	date_of_discharge  Show the field ONLY if: [status_at_discharge] = '1'	Date of Discharge	text (date_dmy), Required	

		•	'
130	Show the field ONLY if:	Date of Death	text (date_dmy), Required Custom alignment: RH
131	[outcome] = '2' date_of_referral	Date of Referral	text, Required
131	Show the field ONLY if:  [status_at_discharge] = '3'	Date of Referral	text, required
132	date_of_abscondment	Date of Abscondment	text, Required
	Show the field ONLY if: [status_at_discharge] = '2'		
133	date_of_dama	Date of DAMA	text, Required
	Show the field ONLY if: [status_at_discharge] = '4'		
134	discharge_diagnosis_1	Section Header: Discharge Diagnoses	text, Required
	Show the field ONLY if: [status_at_discharge]='1'	Discharge diagnosis 1	Custom alignment: RH
135	discharge_diagnosis_2 Show the field ONLY if: [discharge_diagnosis_1]!=" an d [discharge_diagnosis_1]!='N one' and [discharge_diagnosi s_1]!='Missing'	Discharge diagnosis 2	text Custom alignment: RH
136	discharge_diagnosis_3 Show the field ONLY if: [discharge_diagnosis_2]!=" an d [discharge_diagnosis_2]!='N one' and [discharge_diagnosi s_2]!='Missing'	Discharge diagnosis 3	text Custom alignment: RH
137	discharge_diagnosis_4  Show the field ONLY if: [discharge_diagnosis_3]!=" an d [discharge_diagnosis_3]!="N one' and [discharge_diagnosis_3]!='Missing'	Discharge diagnosis 4	text Custom alignment: RH
138	discharge_diagnosis_5 Show the field ONLY if: [discharge_diagnosis_4]!=" an d [discharge_diagnosis_4]!="N one' and [discharge_diagnosi s_4]!='Missing'	Discharge diagnosis 5	text Custom alignment: RH
139	discharge_diagnosis_6 Show the field ONLY if: [discharge_diagnosis_5]!=" an d [discharge_diagnosis_5]!='N one' and [discharge_diagnosi s_5]!='Missing'	Discharge diagnosis 6	text Custom alignment: RH
140	discharge_diagnosis_7 Show the field ONLY if: [discharge_diagnosis_6]!=" an d [discharge_diagnosis_6]!="N one' and [discharge_diagnosi s_6]!='Missing'	Discharge diagnosis 7	text Custom alignment: RH
141	discharge_diagnosis_8  Show the field ONLY if: [discharge_diagnosis_7]!=" an d [discharge_diagnosis_7]!='N one' and [discharge_diagnosi s_7]!='Missing'	Discharge diagnosis 8	text Custom alignment: RH

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142	other_discharge_diagnosis  Show the field ONLY if: [discharge_diagnosis_1] = 'Ot her' or [discharge_diagnosis_ 2] = 'Other' or [discharge_dia gnosis_3] = 'Other' or [dischar ge_diagnosis_4] = 'Other' or [discharge_diagnosis_5] = 'Ot her' or [discharge_diagnosis_ 6] = 'Other' or [discharge_dia gnosis_7] = 'Other' or [dischar ge_diagnosis_8] = 'Other'	Other Discharge diagnosis		tom alignment: RH d Annotation: @HIDDEN	
143	interventions_done	List of Interventions (Procedures) done	ched	kbox, Required	1
			1	interventions_done1	Biopsy
			2	interventions_done2	Endoscopy
			3	interventions_done3	Bone marrow aspiration
			4	interventions_done4	Pleural tapping
			5	interventions_done5	Ascitic tapping
			6	interventions_done6	Chest tube insertion/under water seal drainage
			7	interventions_done7	Blood transfusion
			8	interventions_done8	Oxygen therapy
			9	interventions_done9	Nebulization
			10	interventions_done10	Nasogastric tube insertion
			11	interventions_done11	Lumbar puncture
			12	interventions_done12	Dialysis/Hemodialysis
			13	interventions_done13	Catheterization
			14	interventions_done14	Enema application
			15	interventions_done15	Paracentesis
			16	interventions_done16	Tracheostomy
			17	interventions_done17	Intubation
			18	interventions_done18	Thoracentesis
			19	interventions_done19	Gastric lavage
			20	interventions_done20	Other (Specify)
			21	interventions_done21	None of the above
			Field	Annotation: @NONEOFTH	IEABOVE=21
144	biopsy_specified	Specify the type of biopsy		Required	- <del>-</del> ·
	Show the field ONLY if: [interventions_done(1)] = '1'				
145	other_procedures	Other Interventions/procedures		Required	
	Show the field ONLY if: [interventions_done(20)] = '1'	(For more than one, separate with semi-colon;)	Cust	tom alignment: RH	
146	dsc_condition	Condition on discharge	radi	o, Required	-
	Show the field ONLY if:		1	Normal	
	[status_at_discharge] = '1'		2	Neuro sequelae/disability	
			3	Other	
			-1	Empty	
			_		•

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147	follow_up_care Show the field ONLY if: [outcome] = '1'	Follow up care	radio, Required  1 None  2 Ward  3 MOPC  4 Other clinic  5 Other health facility  Custom alignment: LH
148	other_clinic Show the field ONLY if: [follow_up_care] = '4'	Specify the clinic	text, Required Custom alignment: RH
149	other_hf Show the field ONLY if: [follow_up_care] = '5'	Specify the health facility	text, Required Custom alignment: RH
150	follow_up_days  Show the field ONLY if: [follow_up_care] = '2' or [follo w_up_care] = '3' or [follow_up _care] = '4'	No of Days or Weeks after discharge:	radio, Required  1 Less One Week  2 Greater than One week  -1 Empty  Custom alignment: RH
151	discharge_drugs1 Show the field ONLY if: [status_at_discharge] = '1'	Discharge Drugs 1	text Custom alignment: RH
152	discharge_drugs2 Show the field ONLY if: [status_at_discharge] = '1' and [discharge_drugs1]!=" and [di scharge_drugs1]!='None' and [discharge_drugs1]!='Missing'	Discharge Drugs 2	text Custom alignment: RH
153	discharge_drugs3  Show the field ONLY if: [status_at_discharge] = '1' and [discharge_drugs2]!=" and [di scharge_drugs2]!='None' and [discharge_drugs2]!='Missing'	Discharge Drugs 3	text Custom alignment: RH
154	discharge_drugs4  Show the field ONLY if: [status_at_discharge] = '1' and [discharge_drugs3]!=" and [di scharge_drugs3]!='None' and [discharge_drugs3]!='Missing'	Discharge Drugs 4	text Custom alignment: RH
155	discharge_drugs5 Show the field ONLY if: [status_at_discharge] = '1' and [discharge_drugs4]!=" and [di scharge_drugs4]!='None' and [discharge_drugs4]!='Missing'	Discharge Drugs 5	text Custom alignment: RH
156	other_discharge_drugs Show the field ONLY if: [discharge_drugs1] = 'Other' or [discharge_drugs2] = 'Othe r' or [discharge_drugs3] = 'Ot her' or [discharge_drugs4] = 'Other' or [discharge_drugs5] = 'Other'	Other discharge drugs: Separate each with a semi-colon (Separate with a semicolon;)	notes Custom alignment: RH

157	discharge_summary_complet	Section Header: Form Status	dro	dropdown	
	е	Complete?	0	Incomplete	
			1	Unverified	
			2	Complete	