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Data Set : Prevalence, characterization and response to chronic kidney disease in an urban and rural setting in South Africa: Dataset from African Research in Kidney Disease (ARK) Working Group. Methods and reporting of kidney function: a systematic review of studies from sub-Saharan Africa.

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Data Dictionary Codebook

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	#	Variable / Field Name	Field Label *Field Note*	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instrument: Phase 1 information required for Phase 2 (phase_1_information_required_for_phase_2)				
	1	[hdss_id]	Agincourt HDSS study number	text, Identifier
	2	[v_id]	Village Number	text (integer), Identifier
	3	[v_anon_id]	Village Code	text (alpha_only), Identifier
	4	[hh_id]	Household Number	text, Identifier
	5	[hh_anon_id]	Household Code	text (alpha_only), Identifier
	6	[hh_name]	Head of Household First Name	text, Identifier
	7	[hh_surname]	Head of Household Surname	text, Identifier
	8	[arkp1_name]	Participant First Name	text, Identifier
	9	[arkp1_surname]	Participant Surname	text, Identifier
	10	[arkp1_dob]	Date of birth	text (date_dmy, Min: 01-10-37), Identifier
	11	[arkp1_sex]	Gender	radio, Identifier 1 Male 2 Female
	12	[arkp1bcode]	ARK Study No (check this is correct)	text, Required, Identifier
	13	[arkp1_cell]	Participant's cellphone	text (integer), Identifier
	14	[contact_cell]	Close relative/partner/friend's cellphone number	text, Identifier
	15	[arkp1_ht]	Height (cm) (one decimal place)	text (number_1dp, Min: 100, Max: 250), Required
	16	[arkp1_wt]	weight (kg) (one decimal place)	text (number_1dp, Min: 40, Max: 160), Required
	17	[arkp1_hiv_hx]	Have you been tested for HIV before?	radio 0 no 1 yes 2 dont know
	18	[arkp1_hiv_dx]	What was the HIV result?	radio 0 negative 1 positive 2 dont know
	19	[arkpi_hiv_test]	Would you like to be tested for HIV now? (HIV testing will only be offered to those who have never previously been tested, OR who have previously been tested but do not know their result, or their result was negative)	radio 0 no 1 yes 2 dont know
	20	[arkp1_hiv1_res]	HIV rapid test 1 result	radio 0 negative 1 positive 2 indeterminate
	21	[arkp1_hiv2_res]	HIV rapid test 2 result	radio 0 negative 1 positive 2 indeterminate
	22	[phase_1_information_required_for_phase_2_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: contact sheet (contact_sheet_d09899)				

	23	[p2_participant_check]	village: [v_id] household number: [hh_id] head of household: [hh_name] [hh_surname] participant: [arkp1_name] [arkp1_surname] participant date of birth: [arkp1_dob] participant gender: [arkp1_sex] ARK number: [arkp1bcode] (check this is the same as the barcode sticker) participant cell: [arkp1_cell] contact cell: [contact_cell]	descriptive
	24	[arkp2_date]	Date of household visit	text (date_dmy, Min: 01-10-18)
	25	[arkp2_hh_perm]	Was permission granted from the household head	yesno 1 Yes 0 No
	26	[arkp2_hh_no] Show the field ONLY if: [arkp2_hh_perm] = '0'	Why was permission not granted from the head of household?	radio 1 the household head was not at home 2 the household head refused 3 other
	27	[arkp2_hhref_reason] Show the field ONLY if: [arkp2_hh_no] = '2'	What is the reason for refusal from the head of the household?	text
	28	[arkp2_explain_other] Show the field ONLY if: [arkp2_hh_no] = '3'	Please explain what "other" means?	text
	29	[arkp2_id]	Is this the correct participant?	radio 0 no 1 yes
	30	[arkp2_meet] Show the field ONLY if: [arkp2_id] = '1'	Did the participant agree to speak to you?	radio 0 no 1 yes 2 other
	31	[p2_participant_other] Show the field ONLY if: [arkp2_meet] = '2'	Describe other	text
	32	[arkp2_meet_no] Show the field ONLY if: [arkp2_meet] = '0'	If not, why?	radio 0 refusal - unconfirmed 1 refusal - confirmed 2 mover (not at home, working elsewhere) 3 moved to another village in the HDSS 4 outmigrated (moved out of HDSS) 5 moved out of SA 6 untraceable 7 deceased 8 other
	33	[arkp2_participant_ref] Show the field ONLY if: [arkp2_meet_no] = '8'	What is the reason for refusal from the potential participant?	text
	34	[arkp2_other_participant] Show the field ONLY if: [arkp2_meet_no] = '9'	Please explain what "other" means?	text
	35	[p2_screen_consent]	If the participant has agreed to screening for phase 2 of ARK, please proceed to the next form	descriptive
	36	[p2_contact_user]	Completed by	text Field Annotation: @USERNAME @
	37	[contact_sheet_d09899_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

Instrument: **Phase 2: screening consent for eligibility** (consent_and_screening_history_for_eligibility_for)				
	38	[p2_screen_elig]	Date of household visit for screening consent	text (date_dmy, Min: 2016-10-18)
	39	[arkp2_resultp1]	Has the participant received their results from Phase 1? (please check participant feedback sheet from Phase 1)	radio 0 no 1 yes 2 unknown
	40	[arkp2_resultp1_given] Show the field ONLY if: [arkp2_resultp1] = '0'	If not, have you given the participant their results from Phase 1 today?	yesno 1 Yes 0 No
	41	[arkp2_nop1_result] Show the field ONLY if: [arkp2_resultp1_given] = '0'	If not, why?	text
	42	[arkp2_fw_screen_consent]	Has the participant signed the screening consent form for Phase 2 of ARK?	radio 0 no 1 yes
	43	[arkp2_fw_screen_no_reason] Show the field ONLY if: [arkp2_fw_screen_consent] = '0'	If not, please state why the screening consent form has not been signed	text
	44	[arkp2_fw_screen_date] Show the field ONLY if: [arkp2_fw_screen_consent] = '1'	Date screening consent form signed for Phase 2 of ARK	text (date_dmy, Min: 2016-10-18)
	45	[p2_age]	Age of participant	calc Calculation: rounddown(datediff([p2_screen_elig], [arkp1_dob],"y","dmy"),0)
	46	[p2_screening_weight]	Weight of participant (kg) (one decimal place) the weight of the participant in Phase 1 was [arkp1_wt] IF THE PARTICIPANT WEIGHS 140.0KG OR MORE THEY ARE NOT ELIGIBLE FOR PHASE 2 *THIS FIELD MUST BE COMPLETED*	text (number_1dp, Min: 35, Max: 140), Required
	47	[arkp2_fw_screen_eligible] Show the field ONLY if: [arkp2_fw_screen_consent] = '1'	Does the participant have any of the following conditions:	checkbox 0 arkp2_fw_screen_eligible___0 epilepsy 1 arkp2_fw_screen_eligible___1 known pregnancy (women) 2 arkp2_fw_screen_eligible___2 currently breastfeeding (women) 3 arkp2_fw_screen_eligible___3 allergies to seafood/shellfish 4 arkp2_fw_screen_eligible___4 allergies to any contrast dye that might have been given to them in a hospital 5 arkp2_fw_screen_eligible___5 none of the above
	48	[arkp2_fw_seizure] Show the field ONLY if: [arkp2_fw_screen_eligible(0)] = '1'	Have they had a seizure in the last year (a year from today)?	radio 0 no 1 yes
	49	[arkp2_fw_seizure_no] Show the field ONLY if: [arkp2_fw_seizure] = '0'	IF THE PARTICIPANT HAS NOT HAD A SEIZURE IN THE LAST YEAR THEN THEY ARE ELIGIBLE FOR PHASE 2 OF ARK Please proceed to the next form	descriptive
	50	[arkp2_fw_seizure_yes] Show the field ONLY if: [arkp2_fw_seizure] = '1'	IF THE PARTICIPANT HAD A SEZIURE IN THE LAST YEAR THEY ARE NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive

	51	[arkp2_fw_preg_yes] Show the field ONLY if: [arkp2_fw_screen_eligible(1)] = '1'	IF THE PARTICIPANT IS PREGNANT THEY ARE NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	52	[arkp2_fw_breastfeeding_yes] Show the field ONLY if: [arkp2_fw_screen_eligible(2)] = '1'	IF THE PARTICIPANT IS BREASTFEEDING THEY ARE NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	53	[arkp2_fw_allergies_yes] Show the field ONLY if: [arkp2_fw_screen_eligible(3)] = '1' or [arkp2_fw_screen_eligible(4)] = '1'	IF THE PARTICIPANT HAS CONFIRMED ALLERGIES, THEY THEY ARE NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	54	[arkp2_fw_elig] Show the field ONLY if: [arkp2_fw_screen_eligible(5)] = '1'	The participant is eligible for Phase 2 of ARK, please proceed to the next form	descriptive
	55	[p2_screening_consent_elig]	Completed by	text Field Annotation: @USERNAME @
	56	[consent_and_screening_history_for_eligibility_for_complete]	Section Header: *Form Status* Complete?	dropdown 0, Incomplete 1, Unverified 2, Complete
Instrument: Phase 2: tests for eligibility (screening_tests_for_eligibility_for_phase_2_of_ark)				
	57	[arkp2_date_elig_test]	Date of tests for eligibility	text (date_dmy, Min: 2016-10-18)
	58	[arkp2_fw_temp]	What is the temperature?	radio 0, less than 37.5 1, equal to 37.5 2, greater than 37.5
	59	[arkp2_fw_temp_elig] Show the field ONLY if: [arkp2_fw_temp] = '0'	THE PARTICIPANT IS ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	60	[arkp2_fw_temp_inelig] Show the field ONLY if: [arkp2_fw_temp] = '1' or [arkp2_fw_temp] = '2'	THE PARTICIPANT IS NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	61	[arkp2_fw_bp_sys_1]	First systolic BP WAIT FOR 5 MINUTES BEFORE FIRST BP MEASUREMENT	text (integer, Min: 50, Max: 250)
	62	[arkp2_fw_bp_dia_1]	First diastolic BP	text (integer, Min: 40, Max: 130)
	63	[arkp2_fw_pulse_1]	First pulse	text (integer, Min: 40, Max: 180)
	64	[arkp2_fw_bp_sys_2]	Second systolic BP	text (integer, Min: 50, Max: 250)
	65	[arkp2_fw_bp_dia_2]	Second diastolic BP	text (integer, Min: 40, Max: 130)
	66	[arkp2_fw_pulse_2]	Second pulse	text (integer, Min: 40, Max: 180)
	67	[arkp2_fw_bp_sys_3]	Third systolic BP	text (integer, Min: 50, Max: 250)
	68	[arkp2_fw_bp_dia_3]	Third diastolic BP	text (integer, Min: 40, Max: 130)
	69	[arkp2_fw_pulse_3]	Third pulse	text (integer, Min: 40, Max: 180)
	70	[arkp2_fw_ave_sbp]	Average Systolic BP (IF LESS THAN 180, ELIGIBLE FOR PHASE 2 OF ARK) (IF EQUAL TO 180, or HIGHER than 180, NOT ELIGIBLE FOR PHASE 2 OF ARK)	calc Calculation: roundup(mean([arkp2_fw_bp_sys_2], [arkp2_fw_bp_sys_3]),0)

	71	[arkp2_fw_ave_dia_bp]	Average Diastolic BP (IF LESS THAN 110, ELIGIBLE FOR PHASE 2 OF ARK) (IF EQUAL TO 110 or HIGHER than 110, NOT ELIGIBLE FOR PHASE 2 OF ARK)	calc Calculation: roundup(mean([arkp2_fw_bp_dia_2], [arkp2_fw_bp_dia_3]),0)
	72	[arkp2_fem_screen] Show the field ONLY if: [arkp1_sex] = '2'	Is the participant a female of childbearing potential? (this means the woman can fall pregnant - which means she is still menstruating every month but she might not menstruate every month if she is using contraception)	radio 1, no 2, yes 3, dont know
	73	[arkp2_fw_not_childbearing] Show the field ONLY if: [arkp2_fem_screen] = '1'	THE PARTICIPANT IS ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	74	[arkp2_fw_urine_preg] Show the field ONLY if: [arkp2_fem_screen] = '2' or [arkp2_fem_screen] = '3'	Please do the urine pregnancy test	descriptive
	75	[arkp2_fw_date_urine_preg] Show the field ONLY if: [arkp2_fem_screen] = '2' or [arkp2_fem_screen] = '3'	Date of urine pregnancy test	text (date_dmy)
	76	[arkp2_urine_preg_result] Show the field ONLY if: [arkp2_fem_screen] = '2' or [arkp2_fem_screen] = '3'	What is the urine pregnancy test result?	radio 0, negative 1, positive 2, indeterminate
	77	[arkp2_fw_preg_neg] Show the field ONLY if: [arkp2_urine_preg_result] = '0'	THE PARTICIPANT IS ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	78	[arkp2_fw_preg_inelig] Show the field ONLY if: [arkp2_urine_preg_result] = '1' or [arkp2_urine_preg_result] = '2'	THE PARTICIPANT IS NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	79	[p2_test_elig]	Completed by	text Field Annotation: @USERNAME @
	80	[screening_tests_for_eligibility_for_phase_2_of_ark_complete]	Section Header: *Form Status* Complete?	dropdown 0, Incomplete 1, Unverified 2, Complete
Instrument: Phase 2: checklist for eligibility (field_worker_check_for_eligibility_for_phase_2_of)				
	81	[arkp2_fw_checklist]	Checklist for Eligibility for Phase 2 of ARK	checkbox 0, arkp2_fw_checklist___0, temperature less than 37.5 1, arkp2_fw_checklist___1, no epilepsy 2, arkp2_fw_checklist___2, if epilepsy, no seizure in last year 3, arkp2_fw_checklist___3, average systolic BP < 180 4, arkp2_fw_checklist___4, average diastolic BP < 110 5, arkp2_fw_checklist___5, no allergies 6, arkp2_fw_checklist___6, women: no pregnancy 7, arkp2_fw_checklist___7, women: no breastfeeding
	82	[arkp2_fw_elig_confirm]	Is the participant eligible for ARK Phase 2?	radio 0, no 1, yes

	83	[arkp2_ineligible_bp] Show the field ONLY if: [arkp2_fw_elig_confirm] = '0'	Is the reason the participant is not eligible because the BP is too high?	yesno 1 Yes 0 No
	84	[arkp2_fw_check_inelig] Show the field ONLY if: [arkp2_fw_elig_confirm] = '0'	If ineligible, thank the participant for being part of ARK Phase 1 and explain why they are ineligible for Phase 2	descriptive
	85	[arkp2_fw_sbp_refer]	IF AVERAGE SYSTOLIC BP IS HIGHER THAN 140mmHg PLEASE REFER THE PARTICIPANT TO A CLINIC	descriptive
	86	[arkp2_fw_dbp_refer]	IF AVERAGE DIASTOLIC BP IS HIGHER THAN 90mmHg PLEASE REFER THE PARTICIPANT TO A CLINIC	descriptive
	87	[arkp2_fw_preg_refer] Show the field ONLY if: [arkp1_sex] = '2'	IF PREGNANCY TEST POSITIVE OR INDETERMINATE PLEASE REFER TO CLINIC	descriptive
	88	[arkp2_fw_temp_refer] Show the field ONLY if: [arkp2_fw_temp] = '1' or [arkp2_fw_temp] = '2'	IF TEMPERATURE HIGH, PLEASE REFER TO CLINIC	descriptive
	89	[p2_checklist_elig]	Completed by	text Field Annotation: @USERNAME @
	90	[field_worker_check_for_eligibility_for_phase_2_of_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: consent (consent_for_phase_2_of_ark)				
	91	[p2_consent]	Section Header: *Please proceed with the written, informed consent for Phase 2 of ARK* Date of consent for Phase 2 ARK	text (date_dmy, Min: 2016-10-18)
	92	[arkp2_fw_wic]	Has the participant signed the written, informed consent	radio 0 no 1 yes
	93	[arkp2_fw_wic_no] Show the field ONLY if: [arkp2_fw_wic] = '0'	If not, why	text
	94	[arkp2_fw_phone_partic] Show the field ONLY if: [arkp2_fw_wic] = '1'	Participant contact details	text
	95	[arkp2_fw_contact_other] Show the field ONLY if: [arkp2_fw_wic] = '1'	family member or friend contact details	text

	96	[arkp2_fw_checklist_phase2] Show the field ONLY if: [arkp2_fw_wic] = '1'	Checklist for Phase 2 of ARK in the Agincourt Research Laboratory	checkbox 0 arkp2_fw_checklist_phase2___0 correct ARK ID barcode sticker for participant 1 arkp2_fw_checklist_phase2___1 ARK ID sticker on consent form 2 arkp2_fw_checklist_phase2___2 time + date for Phase 2 booked with ARK office 3 arkp2_fw_checklist_phase2___3 time + date for Phase 2 in REDCap calendar 4 arkp2_fw_checklist_phase2___4 referral slip completed and ARK ID sticker added 5 arkp2_fw_checklist_phase2___5 referral slip given to participant 6 arkp2_fw_checklist_phase2___6 participant log sheet completed, ARK ID sticker added
	97	[p2_consent_user]	Completed by	text Field Annotation: @USERNAME @
	98	[consent_for_phase_2_of_ark_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: booking (phase_2_booking)				
	99	[arkp2_booking]	Section Header: *FIRST TIME BOOKING FOR PHASE 2 AGINCOURT LAB VISIT* Have you booked the participant for their visit to the Agincourt Lab?	yesno 1 Yes 0 No
	100	[p2_date_lab] Show the field ONLY if: [arkp2_booking] = '1'	Date booked for Phase 2 Agincourt Lab Visit	text (date_dmy, Min: 2016-10-18)
	101	[arkp2_book_no] Show the field ONLY if: [arkp2_booking] = '0'	If not, please state why:	text
	102	[p2_booking1]	Completed by	text, Identifier
	103	[arkp2_confirm]	Section Header: *CONFIRMATION OF BOOKING FOR AGINCOURT PHASE 2 LAB VISIT* The participant is booked for [p2_date_lab] - have you confirmed that they are available on this date?	yesno 1 Yes 0 No
	104	[arkp2_reschedule_yes] Show the field ONLY if: [arkp2_confirm] = '0'	If the participant is not available, have you rescheduled their appointment?	yesno 1 Yes 0 No
	105	[p2_date_lab_rebook] Show the field ONLY if: [arkp2_reschedule_yes] = '1'	Date rebooked for Phase 2 Agincourt Lab Visit	text (date_dmy, Min: 2016-10-18)
	106	[arkp2_available_no] Show the field ONLY if: [arkp2_reschedule_yes] = '0'	If not, why?	text
	107	[p2_booking2]	Completed by	text, Identifier
	108	[arkp2_book_arrive]	Section Header: *ON THE DAY OF THE APPOINTMENT FOR PHASE 2 AGINCOURT LAB VISIT* Did the participant arrive for their Agincourt Research Clinic appointment?	yesno 1 Yes 0 No

	109	[arkp2_arrive_no_rebook] Show the field ONLY if: [arkp2_book_arrive] = '0'	If the participant did not arrive, have you rebooked an appointment with them?	yesno 1 Yes 0 No
	110	[p2_booking3]	Completed by	text, Identifier
	111	[p2_date_lab_rebook_2] Show the field ONLY if: [arkp2_arrive_no_rebook] = '1'	Section Header: *REBOOKING : APPOINTMENT FOR PHASE 2 AGINCOURT LAB VISIT* Date rebooked for Phase 2 Agincourt Lab Visit	text (date_dmy, Min: 2016-10-18)
	112	[arkp2_arrive_no] Show the field ONLY if: [arkp2_arrive_no_rebook] = '0'	If you have not booked an appointment, please state why:	text
	113	[p2_booking4]	Completed by	text, Identifier
	114	[p2_date_lab_rebook_3]	Section Header: *REBOOKING : APPOINTMENT FOR PHASE 2 AGINCOURT LAB VISIT* Date rebooked for Phase 2 Agincourt Lab Visit	text (date_dmy, Min: 2016-10-18)
	115	[arkp2_arrive_no_2] Show the field ONLY if: [p2_date_lab_rebook_3] = ''	If you have not booked an appointment, please state why:	text
	116	[p2_booking5]	Completed by	text, Identifier
	117	[phase_2_booking_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: grip strength (phase_2_grip_strength)				
	118	[p2_grip_date]	Date of grip strength test	text (date_dmy, Min: 2016-10-18)
	119	[p2_l_hand]	Can the participant use their left hand?	radio 0 yes 1 no
	120	[ps_gs_l1] Show the field ONLY if: [p2_l_hand] = '0'	Left hand: first reading (kg) (to one decimal place)	text (number_1dp)
	121	[ps_gs_l2] Show the field ONLY if: [p2_l_hand] = '0'	Left hand: second reading (to one decimal place)	text (number_1dp)
	122	[p2_r_hand]	Can the participant use their right hand?	radio 0 yes 1 no
	123	[ps_gs_r1] Show the field ONLY if: [p2_r_hand] = '0'	Right hand: first reading (to one decimal place)	text (number_1dp)
	124	[ps_gs_r2] Show the field ONLY if: [p2_r_hand] = '0'	Right hand: second reading (to one decimal place)	text (number_1dp)
	125	[grip_completed]	Has the grip strength test been successfully completed?	yesno 1 Yes 0 No
	126	[grip_no] Show the field ONLY if: [grip_completed] = '0'	Why has the grip strength test not been successfully completed?	radio 0 participant refusal 1 participant unable 2 other
	127	[grip_no_other] Show the field ONLY if: [grip_no] = '2'	If other, please state reason	text
	128	[p2_gripstrength]	Completed by	text Field Annotation: @USERNAME @

	129	[phase_2_grip_strength_complete]	Section Header: *Form Status* Complete?	dropdown 0, Incomplete 1, Unverified 2, Complete
Instrument: Phase 2: agincourt lab screening (agincourt_lab_phase_2_ark_screening)				
	130	[p2_lab_date]	Date of screening	text (date_dmy)
	131	[p2_age_clinic_visit]	Age of participant today date of birth [arkp1_dob]	calc Calculation: rounddown(datediff([p2_lab_date], [arkp1_dob],"y","dmy"),0)
	132	[p2_fasting]	Is the participant fasting? (nothing to eat from 10pm the night before)	radio 0, no 1, yes 2, unknown
	133	[arkp2_lab_temp]	What is the temperature?	radio 0, less than 37.5 1, equal to 37.5 2, greater than 37.5
	134	[arkp2_lab_temp_elig] Show the field ONLY if: [arkp2_lab_temp] = '0'	THE PARTICIPANT IS ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	135	[arkp2_lab_temp_inelig] Show the field ONLY if: [arkp2_lab_temp] = '1' or [arkp2_lab_temp] = '2'	THE PARTICIPANT IS NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	136	[arkp2_lab_date_bp]	Date of BP measurement	text (date_dmy, Min: 2016-10-18)
	137	[arkp2_lab_bp_sys_1]	First systolic BP WAIT FOR 5 MINUTES BEFORE FIRST BP MEASUREMENT	text (integer, Min: 50, Max: 250)
	138	[arkp2_lab_bp_dia_1]	First diastolic BP	text (integer, Min: 40, Max: 130)
	139	[arkp2_lab_pulse_1]	First pulse	text (integer, Min: 40, Max: 180)
	140	[arkp2_lab_bp_sys_2]	Second systolic BP	text (integer, Min: 50, Max: 250)
	141	[arkp2_lab_bp_dia_2]	Second diastolic BP	text (integer, Min: 40, Max: 130)
	142	[arkp2_lab_pulse_2]	Second pulse	text (integer, Min: 40, Max: 180)
	143	[arkp2_lab_bp_sys_3]	Third systolic BP	text (integer, Min: 50, Max: 250)
	144	[arkp2_lab_bp_dia_3]	Third diastolic BP	text (integer, Min: 40, Max: 130)
	145	[arkp2_lab_pulse_3]	Third pulse	text (integer, Min: 40, Max: 180)
	146	[arkp2_lab_ave_sbp]	Average Systolic BP (IF LESS THAN 180, ELIGIBLE FOR ARK) (IF EQUAL TO 180, or HIGHER than 180, NOT ELIGIBLE FOR ARK)	calc Calculation: roundup(mean([arkp2_lab_bp_sys_2], [arkp2_lab_bp_sys_3]),0)
	147	[arkp2_lab_ave_dia_bp]	Average Diastolic BP (IF LESS THAN 110, ELIGIBLE FOR ARK) (IF EQUAL TO 110, or HIGHER than 110, NOT ELIGIBLE FOR ARK)	calc Calculation: roundup(mean([arkp2_lab_bp_dia_2], [arkp2_lab_bp_dia_3]),0)
	148	[arkp2_lab_fem_screen] Show the field ONLY if: [arkp1_sex] = '2'	Is the participant a female of childbearing potential? (this means the woman can fall pregnant - which means she is still menstruating every month but she might not menstruate every month if she is using contraception)	radio 1, no 2, yes 3, dont know

	149	[arkp2_lab_not_childbearing] Show the field ONLY if: [arkp2_lab_fem_screen] = '1'	THE PARTICIPANT IS ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	150	[arkp2_lab_urine_preg] Show the field ONLY if: [arkp2_lab_fem_screen] = '2' or [arkp2_lab_fem_screen] = '3'	Please do the urine pregnancy test	descriptive
	151	[arkp2_lab_date_urine_preg] Show the field ONLY if: [arkp2_lab_fem_screen] = '2' or [arkp2_lab_fem_screen] = '3'	Date of urine pregnancy test	text (date_dmy)
	152	[arkp2_lab_preg_result] Show the field ONLY if: [arkp2_lab_fem_screen] = '2' or [arkp2_lab_fem_screen] = '3'	What is the urine pregnancy test result?	radio 0 negative 1 positive 2 indeterminate
	153	[arkp2_lab_preg_neg] Show the field ONLY if: [arkp2_lab_preg_result] = '0'	THE PARTICIPANT IS ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	154	[arkp2_lab_preg_inelig] Show the field ONLY if: [arkp2_lab_preg_result] = '1' or [arkp2_lab_preg_result] = '2'	THE PARTICIPANT IS NOT ELIGIBLE FOR PHASE 2 OF ARK	descriptive
	155	[p2_weight]	weight (kg) (one decimal place)	text (number_1dp, Min: 40, Max: 140)
	156	[p2_ht]	height (one decimal place)	text (number_1dp, Min: 90.0, Max: 200.0)
	157	[p2_bmi]	Body mass index (BMI) on day of visit to Agincourt Research Clinic	calc Calculation: round([p2_weight]*10000/([p2_ht]*[p2_ht]),0)
	158	[arkp2_labscreen_eligible]	Is the participant eligible for iohexol today?	yesno 1 Yes 0 No
	159	[arkp2_labeligible_no] Show the field ONLY if: [arkp2_labscreen_eligible] = '0'	If the participant is not eligible, is this because the BP you measured today is too high?	yesno 1 Yes 0 No
	160	[p2_date_novastat]	Date of NOVASTAT SENSOR test (commenced on 05/03/2019)	text (date_dmy, Min: 2019-03-03, Max: 2019-12-31)
	161	[arkp2_novastat_complete]	Has the NOVASTAT SENSOR test been successfully completed?	yesno 1 Yes 0 No
	162	[arkp2_istat_not_complete_v2] Show the field ONLY if: [arkp2_novastat_complete] = '0'	If not, why? please state reason	text
	163	[arkp2_novastat_creat] Show the field ONLY if: [arkp2_novastat_complete] = '1'	What is the NOVASTAT SENSOR creatinine value?	text (integer, Min: 30, Max: 1700), Required
	164	[arkp2_novastat_egfr] Show the field ONLY if: [arkp2_novastat_complete] = '1'	What is the NOVASTAT SENSOR eGFR value (use 90 if machine says eGFR >90)	text (integer, Min: 0, Max: 200)
	165	[p2_labscreening]	Completed by	text Field Annotation: @USERNAME @

	166	[agincourt_lab_phase_2_ark_screening_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: bioimpedance (phase_2_bioimpedance)				
	167	[p2_date_bia]	Date of bioimpedance test	text (date_dmy, Min: 2016-10-18)
	168	[p2_bia_test_no]	what is the test number?	text (integer)
	169	[bia_variables]	The bioimpedance machine will ask you to enter the following information for this participant: GENDER: [arkp1_sex] AGE: [p2_age_clinic_visit] years old HEIGHT: [p2_ht]cm WEIGHT: [p2_weight]kg please enter this information, connect the electrodes and enter the data from the machine:	descriptive
	170	[bia_fat]	FAT (kg)	text (number_1dp)
	171	[bia_lean]	LEAN (kg)	text (number_1dp)
	172	[bia_drylean]	DRY LEAN (kg)	text (number_1dp)
	173	[bia_water]	WATER (litres [lt])	text (number_1dp)
	174	[bia_impedance]	IMPEDANCE (Ω)	text (number)
	175	[bia_complete]	Has the bioimpedance test been successfully completed?	yesno 1 Yes 0 No
	176	[bia_not] Show the field ONLY if: [bia_complete] = '0'	Why has the bioimpedance test not been successfully completed?	radio 0 participant refusal 1 related to equipment 2 other
	177	[bia_not_other] Show the field ONLY if: [bia_not] = '2'	If other, please state reason	text
	178	[p2_bia]	Completed by	text Field Annotation: @USERNAME @
	179	[phase_2_bioimpedance_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: ecg (phase_2_ecg)				
	180	[p2_ecg_date]	Date of ECG test	text (date_dmy, Min: 2016-10-18)
	181	[ecg_completed]	Has the ECG been successfully completed? *ECG's interrupted from 02/05/2019 - 28/05/2019 - machine cable broken*	yesno 1 Yes 0 No
	182	[ecg_no] Show the field ONLY if: [ecg_completed] = '0'	Why has the ECG not been successfully completed?	radio 0 participant refusal 1 related to equipment 2 other
	183	[ecg_no_other] Show the field ONLY if: [ecg_no] = '2'	If other, please state reason	text
	184	[p2_ecg_abnormal] Show the field ONLY if: [ecg_completed] = '1'	Was there an abnormality noted on the ECG?	radio 0 no 1 yes 2 unknown
	185	[p2_ecg_screenshot] Show the field ONLY if: [p2_ecg_abnormal] = '1'	If an abnormality was noted, please upload a screenshot of the description	file

	186	[p2_ecg_print] Show the field ONLY if: [ecg_completed] = '1'	Has the ECG been printed and a copy placed in the participant's file?	radio 0 no 1 yes 2 unknown
	187	[p2_ecg]	Completed by	text Field Annotation: @USERNAME @
	188	[phase_2_ecg_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: 10 meter walk test (meter_walk_test)				
	189	[p2_10m_date]	Date of 10 meter walk test	text (date_dmy, Min: 2016-10-18)
	190	[mwalktest_intro]	To explain what to do, please say: "WALK AS FAST AS YOU CAN UNTIL I SAY STOP" To start the test, say: "READY, STEADY, GO" Please allow the participant to walk once to practice, allow them to rest for 2 minutes and then start the test with the instructions above	descriptive
	191	[p2_10m_1]	time to walk test 1 (seconds) (record time to 2 decimal places)	text (number_2dp, Min: 1, Max: 15)
	192	[p2_10m_speed_1]	speed for test 1(meters/second)	calc Calculation: round(6/[p2_10m_1],2)
	193	[p2_10m_2]	time to walk test 2 (seconds) (record time to 2 decimal places)	text (number, Min: 1, Max: 15)
	194	[p2_10m_speed_2]	speed for test 2(meters/second)	calc Calculation: round(6/[p2_10m_2],2)
	195	[p2_10m_3]	time to walk test 3 (seconds) (record time to 2 decimal places)	text (number, Min: 1, Max: 15)
	196	[p2_10m_speed_3]	speed for test 3(meters/second)	calc Calculation: round(6/[p2_10m_3],2)
	197	[p2_10m_ave]	average speed for 10m walk test(meters/second)	calc Calculation: round(([p2_10m_speed_1]+ [p2_10m_speed_2]+[p2_10m_speed_3])/3,2)
	198	[m_completed]	has the 10m walk test been successfully completed?	yesno 1 Yes 0 No
	199	[m_no] Show the field ONLY if: [m_completed] = '0'	Why has the 10 meter walk test not been successfully completed?	radio 0 participant refusal 1 participant unable 2 other
	200	[m_no_other] Show the field ONLY if: [m_no] = '2'	If other, please state reason	text
	201	[p2_10m_walk]	Completed by	text Field Annotation: @USERNAME @
	202	[meter_walk_test_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: DXA (phase_2_dxa)				
	203	[p2_dxa_date]	Date of DXA scan	text (date_dmy, Min: 2016-10-18)
	204	[dxa_max_wt]	for DXA scanning, the upper limit for weight is 140.0kg. The weight for this participant is: [p2_weight]kg	descriptive

	205	[dxa_no] Show the field ONLY if: [dxa_complete] = '0'	Why has the DXA scan not been successfully completed?	radio 0 participant refusal 1 participant unable 2 equipment-related 3 other
	206	[dxa_complete]	Has the DXA scan been successfully completed?	yesno 1 Yes 0 No
	207	[dxa_no_other] Show the field ONLY if: [dxa_no] = '3'	If other, please state reason	text
	208	[p2_dxa_print] Show the field ONLY if: [dxa_complete] = '1'	Has the DXA been printed and a copy placed in the participant's file?	radio 0 no 1 yes 2 unknown
	209	[p2_dxa]	Completed by	text Field Annotation: @USERNAME @
	210	[phase_2_dxa_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: kidney and bladder US (phase_2_abdominal_us)				
	211	[p2_abdo_us_date]	Date of kidney and bladder US test	text (date_dmy, Min: 2016-10-18)
	212	[arkp2_vis_rt]	Can you visualise the right kidney?	yesno 1 Yes 0 No
	213	[p2_kid_size_right_long] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney size long axis (cm) (to two decimal points)	text (number_2dp, Max: 20)
	214	[p2_kid_size_right_tverse] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney size transverse axis (cm) (to two decimal points)	text (number_2dp, Max: 8)
	215	[arkp2_vis_lft]	Can you visualise the left kidney?	yesno 1 Yes 0 No
	216	[p2_kid_size_left_long] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney size long axis (cm) (to two decimal points)	text (number_2dp, Max: 20)
	217	[p2_kid_size_left_tverse] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney size transverse axis (cm) (to two decimal points)	text (number_2dp, Max: 8)
	218	[p2_kid_morph_right] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney morphology	radio 0 normal 1 ectopic 2 duplex 3 polycystic 4 other
	219	[p2_kid_morph_right_other] Show the field ONLY if: [p2_kid_morph_right] = '4'	If other, please state	text

	220	[p2_kid_morph_left] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney morphology	radio 0, normal 1, ectopic 2, duplex 3, polycystic 4, other
	221	[p2_kid_morph_left_other] Show the field ONLY if: [p2_kid_morph_left] = '4'	If other, please state	text
	222	[p2_kid_echo_right] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney echogenicity	radio 0, normal 1, hyperechoic 2, hypoechoic 3, unable to comment
	223	[p2_kid_echo_left] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney echogenicity	radio 0, normal 1, hyperechoic 2, hypoechoic 3, unable to comment
	224	[p2_kid_cmd_right] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney corticomedullary differentiation	radio 0, able to differentiate 1, not able to differentiate
	225	[p2_kid_cmd_left] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney corticomedullary differentiation	radio 0, able to differentiate 1, not able to differentiate
	226	[p2_kid_hydroneph_right] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney hydronephrosis	yesno 1, Yes 0, No
	227	[p2_hydroneph_grade_right] Show the field ONLY if: [p2_kid_hydroneph_right] = '1'	RIGHT kidney grading of hydronephrosis	radio 0, 0 1, 1 2, 2 3, 3 4, 4 5, 5
	228	[p2_hydroneph_right_ap] Show the field ONLY if: [p2_kid_hydroneph_right] = '1'	RIGHT kidney hydronephrosis AP pelvis diameter (cm) (to two decimal points)	text (number_2dp, Max: 25)
	229	[p2_hydroneph_right_ct] Show the field ONLY if: [p2_kid_hydroneph_right] = '1'	RIGHT kidney hydronephrosis cortical thickness (cm) (to two decimal points)	text (number_2dp, Max: 8)
	230	[p2_hydroneph_right_jet] Show the field ONLY if: [p2_kid_hydroneph_right] = '1'	RIGHT bladder jet	yesno 1, Yes 0, No
	231	[p2_kid_hydroneph_left] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney hydronephrosis	yesno 1, Yes 0, No

	232	[p2_hydroneph_grade_left] Show the field ONLY if: [p2_kid_hydroneph_left] = '1'	LEFT kidney grading of hydronephrosis	radio 0, 0 1, 1 2, 2 3, 3 4, 4 5, 5
	233	[p2_hydroneph_left_ap] Show the field ONLY if: [p2_kid_hydroneph_left] = '1'	LEFT kidney hydronephrosis AP pelvis diameter (cm) (to two decimal points)	text (number_2dp, Max: 25)
	234	[p2_hydroneph_left_ct] Show the field ONLY if: [p2_kid_hydroneph_left] = '1'	LEFT kidney hydronephrosis cortical thickness (cm) (to two decimal points)	text (number_2dp, Max: 8)
	235	[p2_kid_cyst_right] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney cyst	radio 0, not present 1, single 2, multiple
	236	[p2_hydroneph_left_jet] Show the field ONLY if: [p2_kid_hydroneph_left] = '1'	LEFT bladder jet	yesno 1, Yes 0, No
	237	[morph_mult_cyst_r] Show the field ONLY if: [p2_kid_cyst_right] = '2'	Describe morphology of multiple cysts	notes
	238	[p2_cyst_right_size] Show the field ONLY if: [p2_kid_cyst_right] = '1'	RIGHT kidney cyst: size (cm) (to two decimal points)	text (number_2dp, Max: 10)
	239	[p2_cyst_right_comp] Show the field ONLY if: [p2_kid_cyst_right] = '1'	RIGHT kidney cyst: composition	radio 0, simple 1, complex 2, other
	240	[p2_cyst_right_comp_other] Show the field ONLY if: [p2_cyst_right_comp] = '2'	if other, please state	text
	241	[p2_cysts_right_no] Show the field ONLY if: [p2_kid_cyst_right] = '2'	RIGHT kidney - number of cysts	radio 0, less than 5 1, 5 to 10 2, more than 10
	242	[p2_cysts_right_min_size] Show the field ONLY if: [p2_kid_cyst_right] = '2'	RIGHT kidney - minimum size of cysts (cm) (to two decimal points)	text
	243	[p2_cysts_right_max_size] Show the field ONLY if: [p2_kid_cyst_right] = '2'	RIGHT kidney - maximum size of cysts (cm) (to two decimal points)	text
	244	[p2_kid_cyst_left] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney cyst	radio 0, not present 1, single 2, multiple
	245	[morph_mult_cyst_l] Show the field ONLY if: [p2_kid_cyst_left] = '2'	Describe morphology of multiple cysts	notes
	246	[p2_cyst_left_size] Show the field ONLY if: [p2_kid_cyst_left] = '1'	LEFT kidney cyst: size (cm) (to two decimal points)	text (number_2dp, Max: 10)

	247	[p2_cyst_left_composition] Show the field ONLY if: [p2_kid_cyst_left] = '1'	LEFT kidney cyst: composition	radio 0, simple 1, complex 2, other
	248	[p2_cyst_left_comp_other]	If other, please state	text
	249	[p2_cysts_left_no] Show the field ONLY if: [p2_kid_cyst_left] = '2'	LEFT kidney - number of cysts	radio 0, less than 5 1, 5 to 10 2, more than 10
	250	[p2_cysts_left_min_size] Show the field ONLY if: [p2_kid_cyst_left] = '2'	LEFT kidney - minimum size of cysts (cm) (to two decimal points)	text
	251	[p2_cysts_left_max_size] Show the field ONLY if: [p2_kid_cyst_left] = '2'	LEFT kidney - maximum size of cysts (cm) (to two decimal points)	text
	252	[p2_cyst_bosniak] Show the field ONLY if: [p2_kid_cyst_right] = '1' or [p2_kid_cyst_right] = '2' or [p2_kid_cyst_left] = '1' or [p2_kid_cyst_left] = '2'	What is the Bosniak Classification of the Kidney Cysts	dropdown 0, Bosniak I 1, Bosniak II 2, Bosniak IIF 3, Bosniak III 4, Bosniak IV
	253	[p2_kid_mass_right] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney mass	yesno 1, Yes 0, No
	254	[p2_kid_mass_left] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney mass	yesno 1, Yes 0, No
	255	[p2_kid_calc_right] Show the field ONLY if: [arkp2_vis_rt] = '1'	RIGHT kidney calculi	yesno 1, Yes 0, No
	256	[p2_kid_calc_left] Show the field ONLY if: [arkp2_vis_lft] = '1'	LEFT kidney calculi	yesno 1, Yes 0, No
	257	[p2_bladder_premic]	BLADDER pre-micturition volume (ml)	text (number_2dp, Max: 1000.00)
	258	[p2_bladder_postmic]	BLADDER post-micturition volume (ml)	text (number_2dp, Max: 150.00)
	259	[p2_bladder_wall]	Is there a thickened bladder wall on ultrasound?	yesno 1, Yes 0, No
	260	[p2_bladder_wall_thickness] Show the field ONLY if: [p2_bladder_wall] = '1'	If yes, what is the bladder wall thickness that you have measured? (cm) (to two decimal points)	text (number_2dp, Max: 10)
	261	[p2_bladder_abn]	BLADDER ABNORMALITIES	checkbox 0, p2_bladder_abn___0, nil 1, p2_bladder_abn___1, calcification 2, p2_bladder_abn___2, diverticulae 3, p2_bladder_abn___3, other
	262	[p2_bladder_abn_other] Show the field ONLY if: [p2_bladder_abn(3)] = '1'	If other, please state	text
	263	[p2_us_complete]	Has the kidney and bladder ultrasound been successfully completed?	yesno 1, Yes 0, No

	264	[p2_us_complete_no] Show the field ONLY if: [p2_us_complete] = '0'	Why has the kidney and bladder ultrasound not been successfully completed?	radio 0 participant refusal 1 related to equipment 2 other
	265	[ps_us_no_other]	If other, please state reason	text
	266	[p2_urine_bilharzia]	Has the participant given you the post micturition urine specimen?	yesno 1 Yes 0 No
	267	[p2_urine_bilharzia_no] Show the field ONLY if: [p2_urine_bilharzia] = '0'	If not, please state reason	text
	268	[p2_urine_bilharzia_lab]	Has the urine specimen been delivered to the Agincourt Research Lab?	yesno 1 Yes 0 No
	269	[p2_urine_bilharzia_lab_no] Show the field ONLY if: [p2_urine_bilharzia_lab] = '0'	If not, please state reason	yesno 1 Yes 0 No
	270	[p2_feedback_kidney]	From the ultrasound, this participant's kidneys:	radio 0 are normal 1 may not be normal - needs to be confirmed
	271	[p2_kub]	Completed by	text Field Annotation: @USERNAME @
	272	[phase_2_abdominal_us_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: CIMT (phase_2_cimt)				
	273	[p2_cimt_date]	Date of CIMT test	text (date_dmy, Min: 2016-10-18)
	274	[p2_gated]	Is the cimt gated?	yesno 1 Yes 0 No
	275	[p2_cimt_r_post_wall_min]	Section Header: *CIMT - RIGHT* Minimum CIMT (right posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	276	[p2_cimt_r_post_wall_max]	Maximum CIMT (right posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	277	[p2_cimt_r_post_wall_mean]	Mean CIMT on the right posterior wall (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.00)
	278	[p2_r_plaque]	Plaque on the right	yesno 1 Yes 0 No
	279	[p2_plaque_r_location] Show the field ONLY if: [p2_r_plaque] = '1'	Right plaque location	checkbox 0 p2_plaque_r_location___0 bifurcation 1 p2_plaque_r_location___1 common carotid 2 p2_plaque_r_location___2 near wall 3 p2_plaque_r_location___3 far wall
	280	[p2_r_plaq_calc] Show the field ONLY if: [p2_r_plaque] = '1'	Section Header: *Right plaque morphology - complete if plaque present* calcified	radio (Matrix) 1 Homogenous 2 Heterogenous
	281	[p2_r_plaq_iso] Show the field ONLY if: [p2_r_plaque] = '1'	isoechoic	radio (Matrix) 1 Homogenous 2 Heterogenous

	282	[p2_r_plaq_hypo] Show the field ONLY if: [p2_r_plaque] = '1'	hypoechoic	radio (Matrix) 1 Homogenous 2 Heterogenous
	283	[p2_cimt_l_post_wall_min]	Section Header: *CIMT - LEFT* Minimum CIMT (left posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	284	[p2_cimt_l_post_wall_max]	Maximum CIMT (left posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	285	[p2_cimt_l_post_wall_mean]	Mean CIMT on the left posterior wall (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.00)
	286	[p2_l_plaque]	Plaque on the left	yesno 1 Yes 0 No
	287	[p2_plaque_l_location] Show the field ONLY if: [p2_l_plaque] = '1'	Left plaque location	checkbox 0 p2_plaque_l_location___0 bifurcation 1 p2_plaque_l_location___1 common carotid 2 p2_plaque_l_location___2 near wall 3 p2_plaque_l_location___3 far wall
	288	[p2_l_plaq_calc] Show the field ONLY if: [p2_l_plaque] = '1'	Section Header: *Left plaque morphology - complete if plaque present* calcified	radio (Matrix) 1 Homogenous 2 Heterogenous
	289	[p2_l_plaq_iso] Show the field ONLY if: [p2_l_plaque] = '1'	isoechoic	radio (Matrix) 1 Homogenous 2 Heterogenous
	290	[ps_l_plaq_hypo] Show the field ONLY if: [p2_l_plaque] = '1'	hypoechoic	radio (Matrix) 1 Homogenous 2 Heterogenous
	291	[p2_cimt_complete]	Has the CIMT been successfully completed?	yesno 1 Yes 0 No
	292	[p2_cimt_complete_no] Show the field ONLY if: [p2_cimt_complete] = '0'	Why has the CIMT not been successfully completed?	radio 0 participant refusal 1 related to equipment 2 other
	293	[p2_cimt_no_other] Show the field ONLY if: [p2_cimt_complete_no] = '2'	If other, please state	text
	294	[p2_cimt]	Completed by	text Field Annotation: @USERNAME @
	295	[phase_2_cimt_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: iohexol (phase_2_iohexol)				
	296	[p2_iohexol_test]	Date of iohexol test	text (date_dmy, Min: 2016-10-18)
	297	[p2_hiv_result_p1]	For HIV testing in phase 1 of ARK you would have asked the following questions and then responded HAVE YOU BEEN TESTED BEFORE? [arkp1_hiv_hx] WHAT WAS THE RESULT? [arkp1_hiv_dx] WOULD YOU LIKE TO BE TESTED NOW? [arkpi_hiv_test] HIV RAPID TEST RESULT 1: [arkp1_hiv1_res] HIV RAPID TEST RESULT 2: [arkp1_hiv2_res] Based on the above results, please offer the participant an HIV test if they tested negative or did not test for HIV in phase 1. If they would like to be tested, please pull a 2ml EDTA (purple top) tube with the baseline bloods and see separate HIV form	descriptive

	298	[p2_sst_tube]	Has the baseline 1 x 8.5ml SST (gold top) tube been collected?	yesno 1 Yes 0 No
	299	[p2_sst_no] Show the field ONLY if: [p2_sst_tube] = '0'	If not, please state why?	yesno 1 Yes 0 No
	300	[p2_hiv_edta]	If the participant would like to be tested for HIV, have you pulled the 2ml EDTA (purple top) tube?	yesno 1 Yes 0 No
	301	[p2_hiv_edta_no] Show the field ONLY if: [p2_hiv_edta] = '0'	If not, please state why?	text
	302	[p2_iohexol_syringe_no]	The ARK number for this participant is [arkp1bcode]. Is the ARK study ID number on the syringe the same?	yesno 1 Yes 0 No
	303	[p2_ark_syringe_incorrect] Show the field ONLY if: [p2_iohexol_syringe_no] = '0'	If no, pls call study supervisor or project site manager	text
	304	[p2_iohexol_infusion]	Start time for iohexol infusion	text (time, Min: 07:30, Max: 20:00)
	305	[p2_t1]	T1 iohexol sample time (5 minutes after iohexol infusion)	text (time, Min: 07:30, Max: 20:00)
	306	[p2start_t1]	Start time to t1 (should be 5 mins)	calc Calculation: datediff([p2_iohexol_infusion], [p2_t1],"m","dmy", true)
	307	[t1_iohexol]	T1 iohexol concentration	text (number_2dp, Min: 0.00, Max: 1000.00)
	308	[p2_t2]	T2 iohexol sample time (120 minutes after iohexol infusion)	text (time, Min: 07:30, Max: 20:00)
	309	[p2start_t2]	Start time to T2 (should be 120 mins)	calc Calculation: datediff([p2_iohexol_infusion], [p2_t2],"m", "dmy", true)
	310	[t2_iohexol]	T2 iohexol concentration	text (number_2dp, Min: 0.00, Max: 1000.00)
	311	[p2_t3]	T3 iohexol sample time (180 minutes after iohexol infusion)	text (time, Min: 07:30, Max: 20:00)
	312	[p2start_t3]	Start time to T3 (should be 180 mins)	calc Calculation: datediff([p2_iohexol_infusion], [p2_t3],"m", "dmy", true)
	313	[t3_iohexol]	T3 iohexol concentration	text (number_2dp, Min: 0.00, Max: 1000.00)
	314	[p2_t4]	T4 iohexol sample time (240 minutes after iohexol infusion)	text (time, Min: 07:30, Max: 20:00)
	315	[p2start_t4]	Start time to t4 (should be 240 mins)	calc Calculation: datediff([p2_iohexol_infusion], [p2_t4],"m", "dmy", true)
	316	[t4_iohexol]	T4 iohexol concentration	text (number_2dp, Min: 0.00, Max: 1000.00)
	317	[p2_syringe_wt_before]	weight of iohexol syringe BEFORE infusing iohexol (grams) (to two decimal points)	text (number_2dp)
	318	[p2_syringe_wt_after]	weight of iohexol syringe AFTER infusing iohexol (grams) (to two decimal points)	text (number_2dp)
	319	[p2_syringe_wt_diff]	difference in weight of syringe post iohexol administration (grams)	calc Calculation: round(([p2_syringe_wt_before]-[p2_syringe_wt_after]),2,true)
	320	[p2_iohexol_complete]	Has the iohexol testing been successfully completed?	yesno 1 Yes 0 No
	321	[p2_iohexol_no] Show the field ONLY if: [p2_iohexol_complete] = '0'	Why has the iohexol testing not been successfully completed?	radio 0 participant refusal 1 related to procedure 2 other

	322	[p2_iohexol_no_other] Show the field ONLY if: [p2_iohexol_no] = '2'	If other, please state reason	text
	323	[p2_iohexol]	Completed by	text Field Annotation: @USERNAME @
	324	[phase_2_iohexol_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: Creatinine - Nurse POC venous blood i-STAT (phase_2_istat_creatinine)				
	325	[p2_date_i_stat]	Date of i-STAT test (baseline venous blood) (commenced on 05/03/2019)	text (date_dmy, Min: 2019-03-03, Max: 2019-12-31)
	326	[arkp2_istat_complete]	Has the i-STAT test been successfully completed?	yesno 1 Yes 0 No
	327	[arkp2_istat_not_complete] Show the field ONLY if: [arkp2_istat_complete] = '0'	If not, why? please state reason	text
	328	[arkp2_istat_creat] Show the field ONLY if: [arkp2_istat_complete] = '1'	What is the i-STAT venous blood creatinine value?	text (integer, Min: 30, Max: 1700), Required
	329	[p2_nurse_poc]	Completed by	text Field Annotation: @USERNAME @
	330	[phase_2_istat_creatinine_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2 Creatinine - Nurse POC venous NOVASTAT SENSOR (phase_2_creatinine_nurse_poc_venous)				
	331	[p2_date_novastat_v]	Date of NOVASTAT SENSOR venous blood test (commenced from 20 June 2019)	text (date_dmy, Min: 2019-03-03, Max: 2019-12-31)
	332	[arkp2_novastat_v_complete]	Has the NOVASTAT SENSOR venous test been successfully completed?	yesno 1 Yes 0 No
	333	[p2_novostat_v_not_complete] Show the field ONLY if: [arkp2_novastat_v_complete] = '0'	If not, why? please state reason	text
	334	[p2_novastat_creat_v] Show the field ONLY if: [arkp2_novastat_v_complete] = '1'	What is the NOVASTAT SENSOR creatinine value?	text (integer, Min: 30, Max: 1700), Required
	335	[arkp2_novastat_egfr_v] Show the field ONLY if: [arkp2_novastat_v_complete] = '1'	What is the NOVASTAT SENSOR eGFR value (use 90 if machine says eGFR >90)	text (integer, Min: 0, Max: 200)
	336	[p2_novastat_v_complete]	Completed by	text Field Annotation: @USERNAME @
	337	[phase_2_creatinine_nurse_poc_venous_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: HIV counselling and testing (phase_2_nurse_hiv)				
	338	[arkp2_hiv_cons]	Has the participant signed the HIV consent?	yesno 1 Yes 0 No

	339	[arkp2_hiv] Show the field ONLY if: [arkp2_hiv_cons] = '1'	Date of HIV test	text (date_dmy, Min: 2016-10-18), Required
	340	[arkp2_hiv1_res] Show the field ONLY if: [arkp2_hiv_cons] = '1'	HIV rapid test 1 result	radio 0 negative 1 positive 2 indeterminate
	341	[arkp2_hiv2_res] Show the field ONLY if: [arkp2_hiv_cons] = '1'	HIV rapid test 2 result	radio 0 negative 1 positive 2 indeterminate
	342	[arkp2_hiv_ref] Show the field ONLY if: [arkp2_hiv1_res] = '1' or [arkp2_hiv1_res] = '2' or [arkp2_hiv2_res] = '1' or [arkp2_hiv2_res] = '2'	Has the participant been referred to the nearest health care facility?	yesno 1 Yes 0 No
	343	[p2_hiv_ref_no] Show the field ONLY if: [arkp2_hiv_ref] = '0'	If not, please state why	text
	344	[p2_hiv]	Completed by	text Field Annotation: @USERNAME @
	345	[phase_2_nurse_hiv_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: Urine bilharzia screening (urine_bilharzia_screening)				
	346	[arkp2_date_urinecoll]	Date of urine collection	text (date_dmy, Min: 2018-10-31, Max: 2019-12-31)
	347	[arkp2_date_urine_rec]	Date and time of urine received in the laboratory	text (datetime_dmy)
	348	[arkp2_date_urinemicro]	Date and time of urine microscopy	text (datetime_dmy)
	349	[arkp2_urine_vol]	total urine volume received (mL)	text (number, Min: 20, Max: 400)
	350	[arkp2_urine_mac]	Urine macroscopic appearance	checkbox 0 arkp2_urine_mac___0 Normal 1 arkp2_urine_mac___1 Clear 2 arkp2_urine_mac___2 Cloudy 3 arkp2_urine_mac___3 Bloodstained 4 arkp2_urine_mac___4 Sediment
	351	[arkp2_urine_7ml]	Was the 7mL urine sample collected?	yesno 1 Yes 0 No
	352	[arkp2_bil_grade] Show the field ONLY if: [arkp2_urine_cyst] = '1'	If bilharzia cysts observed please grade the infection	radio 0 1-10 eggs per slide= Light 1 11-20 eggs per slide= Moderate 2 >20 eggs per slide= Heavy
	353	[arkp2_urine_cyst]	Urine microscopy: were bilharzia cysts observed?	yesno 1 Yes 0 No
	354	[arkp2_urine_com] Show the field ONLY if: [arkp2_urine_cyst] = '1'	Comments on urine microscopy	text
	355	[arkp2_micro_feedback] Show the field ONLY if: [arkp2_urine_cyst] = '1'	If yes, has this result been communicated to the ARK study team for feedback to the participant?	yesno 1 Yes 0 No
	356	[arkp2_urine_micro]	Completed by	text Field Annotation: @USERNAME @

	357	[urine_bilharzia_screening_complete]	Section Header: *Form Status* Complete?	dropdown 0, Incomplete 1, Unverified 2, Complete
Instrument: Phase 2: checkout (phase_2_checkout)				
	358	[p2_check_iohexol]	Has the iohexol test been completed? [p2_iohexol_complete]	yesno 1, Yes 0, No
	359	[p2_check_sst]	Has the baseline SST tube of blood been collected? (yellow top tube) [p2_sst_tube]	yesno 1, Yes 0, No
	360	[p2_check_istat]	Has the i-STAT creatinine test been completed?	yesno 1, Yes 0, No
	361	[p2_check_nova_v]	Has the NOVASTAT venous creatinine been completed (nurses)?	yesno 1, Yes 0, No
	362	[p2_check_dxa]	Has the DXA test been completed? [dxa_complete]	yesno 1, Yes 0, No
	363	[p2_check_cimt]	Has the CIMT test been completed? [p2_cimt_complete]	yesno 1, Yes 0, No
	364	[p2_check_kidney_bladder_us]	Has the kidney and bladder ultrasound test been completed? [p2_us_complete]	yesno 1, Yes 0, No
	365	[p2_check_urine_bilharzia]	Has urine for bilharzia been collected? [p2_urine_bilharzia]	yesno 1, Yes 0, No
	366	[p2_check_bia]	Has the bia test been completed? [bia_complete]	yesno 1, Yes 0, No
	367	[p2_check_ecg]	Has the ecg test been completed? [ecg_completed]	yesno 1, Yes 0, No
	368	[p2_check_10_meter_test]	Has the 10 meter walk test been completed? [m_completed]	yesno 1, Yes 0, No
	369	[p2_check_grip]	Has the grip strength test been completed? [grip_completed]	yesno 1, Yes 0, No
	370	[p2_check_hiv]	Has HIV testing and counselling been completed? (only if requested by participant)	yesno 1, Yes 0, No
	371	[check_bmd] Show the field ONLY if: [bmd_agree] = '1'	Has BMD study been completed?	yesno 1, Yes 0, No
	372	[p2_check_meal]	Has the recipient received their meal and refreshments?	yesno 1, Yes 0, No

	373	[p2_check_voucher]	Has the recipient received their voucher?	yesno 1 Yes 0 No
	374	[p2_checkout]	Completed by	text Field Annotation: @USERNAME @
	375	[phase_2_checkout_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: non-participants (phase_2_nonparticipants)				
	376	[arkp2_nonparticipants]	reason for non-participation	radio 0 confirmed refusal 1 unconfirmed refusal 2 untraceable 3 mover 4 outmigrated 5 ineligible 6 death 7 unavailable 8 procedure failed
	377	[phase_2_nonparticipants_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: Lab Creatinine, Cystatin C, eGFR (creatinine), mGFR (blood_laboratory_results)				
	378	[arkp2v1_creat]	Serum creatinine (umol/L)	text
	379	[arkp2_egfr]	eGFR (CKD-EPI without african american co-efficient)	calc Calculation: roundup(if([arkp1_sex] = 2, if([arkp2v1_creat] <= 61.9, 144 * (([arkp2v1_creat]/61.9)^(-0.329))* ((0.993)^([p2_age_clinic_visit])), if([arkp2v1_creat] > 61.9, 144 * (([arkp2v1_creat]/61.9)^(-1.209))* ((0.993)^([p2_age_clinic_visit])),0)), if([arkp1_sex] = 1, if([arkp2v1_creat] <= 79.6, 141 * (([arkp2v1_creat]/79.6)^(-0.411))* ((0.993)^([p2_age_clinic_visit])), if([arkp2v1_creat] > 79.6, 141 * (([arkp2v1_creat]/79.6)^(-1.209))* ((0.993)^([p2_age_clinic_visit])), 0)),0)), 1)
	380	[cyst_done]	Was a cystatin C done	radio 0 no 1 yes
	381	[cyst_c] Show the field ONLY if: [cyst_done] = '1'	what was the cystatin C measurement (mg/L)?	text (number_2dp, Min: 0.00, Max: 2.50)
	382	[no_cyst_c] Show the field ONLY if: [cyst_done] = '0'	If cystatin C was not measured, why?	radio 0 no specimen 1 lipemic sample 2 other
	383	[mgfr_yesno]	Is there an iohexol GFR	yesno 1 Yes 0 No
	384	[mgfr]	If yes, what is the iohexol GFR [adjusted for BSA and BM adjustment for rapid excretion phase] (unit is ml/min/1.73m2, to one decimal point)	text (number_1dp)

	385	[blood_laboratory_results_complete]	Section Header: *Form Status* Complete?	dropdown 0, Incomplete 1, Unverified 2, Complete
Instrument: Phase 2: Laboratory Urine ACR (urine_laboratory_results)				
	386	[urine_acr_p2v1]	sufficient urine for testing	radio 0, no 1, yes
	387	[urine_acr_p2v1_no]	If the test was not done, why?	radio 0, specimen not collected - refusal 1, specimen not collected - error 2, laboratory shipping/processing error 3, other 4, not included in test sample
	388	[p1v2_urine_date] Show the field ONLY if: [urine_acr_p2v1] = '1'	date of urine collection	text (date_ymd, Min: 2018-10-21, Max: 2019-10-01)
	389	[arkp2v1_urine_alb]	Urine microalbumin (mg/L)	text (number_2dp, Min: 2.98, Max: 4002.00)
	390	[arkp2v1_urine_creat]	Urine creatinine (mmol/L)	text (number_1dp, Min: 0.2, Max: 37.0)
	391	[arkp2v1_urine_acr]	Urine microalbumin:creatinine ratio (mg/mmol)	text (number_1dp, Min: 0.0, Max: 142.0)
	392	[urine_laboratory_results_complete]	Section Header: *Form Status* Complete?	dropdown 0, Incomplete 1, Unverified 2, Complete
Instrument: Phase 2: CIMT QUALITY CONTROL (phase_2_cimt_2)				
	393	[p2_cimt_date_qc]	Date of CIMT test	text (date_dmy, Min: 2016-10-18)
	394	[p2_gated_qc]	Is the cimt gated?	yesno 1, Yes 0, No
	395	[p2_cimt_r_post_wall_min_qc]	Section Header: *CIMT - RIGHT* Minimum CIMT (right posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	396	[p2_cimt_r_post_wall_max_qc]	Maximum CIMT (right posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	397	[p2_cimt_r_post_wall_mean_qc]	Mean CIMT on the right posterior wall (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.00)
	398	[p2_r_plaque_qc]	Plaque on the right	yesno 1, Yes 0, No
	399	[p2_plaque_r_location_qc] Show the field ONLY if: [p2_r_plaque_qc] = '1'	Right plaque location	checkbox 0, p2_plaque_r_location_qc___0, bifurcation 1, p2_plaque_r_location_qc___1, common carotid 2, p2_plaque_r_location_qc___2, near wall 3, p2_plaque_r_location_qc___3, far wall
	400	[p2_r_plaq_calc_qc] Show the field ONLY if: [p2_r_plaque_qc] = '1'	Section Header: *Right plaque morphology - complete if plaque present* calcified	radio (Matrix) 1, Homogenous 2, Heterogenous
	401	[p2_r_plaq_iso_qc] Show the field ONLY if: [p2_r_plaque_qc] = '1'	isoechoic	radio (Matrix) 1, Homogenous 2, Heterogenous
	402	[p2_r_plaq_hypo_qc] Show the field ONLY if: [p2_r_plaque_qc] = '1'	hypoechoic	radio (Matrix) 1, Homogenous 2, Heterogenous

	403	[p2_cimt_l_post_wall_min_qc]	Section Header: *CIMT - LEFT* Minimum CIMT (left posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	404	[p2_cimt_l_post_wall_max_qc]	Maximum CIMT (left posterior wall) (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.50)
	405	[p2_cimt_l_post_wall_mean_qc]	Mean CIMT on the left posterior wall (mm) (to two decimal points)	text (number_2dp, Min: 0.01, Max: 2.00)
	406	[p2_l_plaque_qc]	Plaque on the left	yesno 1 Yes 0 No
	407	[p2_plaque_l_location_qc] Show the field ONLY if: [p2_l_plaque_qc] = '1'	Left plaque location	checkbox 0 p2_plaque_l_location_qc___0 bifurcation 1 p2_plaque_l_location_qc___1 common carotid 2 p2_plaque_l_location_qc___2 near wall 3 p2_plaque_l_location_qc___3 far wall
	408	[p2_l_plaq_calc_qc] Show the field ONLY if: [p2_l_plaque_qc] = '1'	Section Header: *Left plaque morphology - complete if plaque present* calcified	radio (Matrix) 1 Homogenous 2 Heterogenous
	409	[p2_l_plaq_iso_qc] Show the field ONLY if: [p2_l_plaque_qc] = '1'	isoechoic	radio (Matrix) 1 Homogenous 2 Heterogenous
	410	[ps_l_plaq_hypo_qc] Show the field ONLY if: [p2_l_plaque_qc] = '1'	hypoechoic	radio (Matrix) 1 Homogenous 2 Heterogenous
	411	[p2_cimt_complete_qc]	Has the CIMT been successfully completed?	yesno 1 Yes 0 No
	412	[p2_cimt_complete_no_qc] Show the field ONLY if: [p2_cimt_complete_qc] = '0'	Why has the CIMT not been successfully completed?	radio 0 participant refusal 1 related to equipment 2 other
	413	[p2_cimt_no_other_qc] Show the field ONLY if: [p2_cimt_complete_no_qc] = '2'	If other, please state	text
	414	[p2_cimt_qc]	Completed by	text Field Annotation: @USERNAME @
	415	[phase_2_cimt_2_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: Participant Referral and Feedback of Results (participant_feedback_check)				
	416	[p2_refer]	Was this participant referred?	yesno 1 Yes 0 No
	417	[p2_refer_date] Show the field ONLY if: [p2_refer] = '1'	What was the date of referral	text (date_dmy)
	418	[p2_rererral_letter]	Referral letter	file
	419	[date_p2_feedback]	Date of visit to give participant feedback	text (date_dmy)
	420	[p2_feedback]	Were you able to give the participant feedback?	radio 1 yes 2 no

	421	[p2_nofeedback] Show the field ONLY if: [p2_feedback] = '2'	If feedback not given, state why	text
	422	[p2_nofeedback_env] Show the field ONLY if: [p2_feedback] = '2'	Did you leave the results in sealed envelope at the household?	radio 0 no 1 yes
	423	[p2_participant_feedback]	Completed by	text Field Annotation: @USERNAME @
	424	[participant_feedback_check_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Adverse events (adverse_events)				
	425	[arkp2_ae]	Describe the course of the event, outcome	notes
	426	[adverse_events_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: Participant Feedback in Shangaan (phase_2_participant_feedback_in_english_2)				
	427	[logos_3_v2]		descriptive
	428	[arkp2_letter_id_v2]	[arkp1bcode], [arkp1_name] [arkp1_surname], [arkp1_cell], [contact_cell]	descriptive
	429	[desc_report1_v2]	Section Header: *Dear [arkp1_name], Thank you for participating in the second phase of the ARK study. We would like to give you some of your results* Loko mi ta va mi hi endzerile eklinikini ya hina ya vulavisisi hi siku leri [p2_lab_date], mbuyelo wa nwina aku ri lowu: Ku leha ka nwina: [p2_ht] cm. Ntiko wa nwina:[p2_weight] kg Ntlakuko wa ngati: [arkp2_lab_ave_sbp] / [arkp2_lab_ave_dia_bp] Loko ntlakuko wa ngati ya nwina a wu ri ehenhla a hi ta va hli mi rhumele clinic. Nhlangano wa swirho swa miri:[mafurha emirini [bia_fat]kg, tinhlampfana [bia_lean]kg, mati [bia_water]litres Eka tinso ta wena, hi endle swikambelwana hi ngati leyi hi tekeke, hi yi rhumerile elaboratrini ya le Joni, mpimo wa ngati lowu yaka eka tinso ta wena [arkp2_egfr] ml/min. Xekene xa ultrasound eka tinso ta wena xi kombisa leswaku ha vumbirhi bya tona ti [p2_feedback_kidney], loko a ku ve na swinwana leswi kumekeke eka xikene leswi lavaka vulavisisi ku ya emahleni a hi ta va hi ku rhumerile. Xana eka mitsakamiso ya wena yi kumekila bilharzia? [arkp2_urine_cyst] Loko a ku ri eya a hi ta va hi ku rhumerile eklinikini	descriptive
	430	[arkp1_clin_visit_v2]	[arkp1_name], Loko onge a hi mi rhumerile, hi tshemba leswaku mi endzerile eklinikini tani hi leswi rihanyu ra nwina ri ri ra nkoka.	descriptive
	431	[summary_v2]	Ha khensa ku va mi teke xiphemu eka ndzavisiso wa ARK Ku suka eka ntlawa wa ndzaviso xikanwe na MRC/Wits Agincourt Unit	descriptive
	432	[sig_ark_english_v2]	Signature ARK staff member Date Mbuyelo lowu wa nkambelo wu endliwe hi xiphemu xa ndzavisiso,wu fanele ku tiyisisiwa hi va swa vukorhokeri bya swa rihanyo	descriptive

	433	[phase_2_participant_feedback_in_english_2_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Phase 2: Participant Feedback in English (example_report)				
	434	[logos_3]		descriptive
	435	[arkp2_letter_id]	[arkp1bcode], [arkp1_name] [arkp1_surname], [arkp1_cell], [contact_cell]	descriptive
	436	[desc_report1]	Section Header: *Dear [arkp1_name], Thank you for participating in the second phase of the ARK study. We would like to give you some of your results* When you visited us in the Agincourt Research Clinic on [p2_lab_date], these were your results: height: [p2_ht] cm, weight: [p2_weight] kg blood pressure: [arkp2_lab_ave_sbp] / [arkp2_lab_ave_dia_bp] If your BP was high, we would have referred you to the clinic body composition: body fat [bia_fat]kg, muscle [bia_lean]kg, water [bia_water]litres For your kidneys, we tested your blood from a sample that we collected and sent it to a laboratory in Johannesburg. The amount of blood flowing to your kidneys is [arkp2_egfr] ml/min. The ultrasound scan of your kidneys showed that both kidneys [p2_feedback_kidney]. If there was anything we found on the scan that needs investigation, we would have referred you Was urine bilharzia found? [arkp2_urine_cyst] If yes, we would have referred you to the clinic.	descriptive
	437	[arkp1_clin_visit]	[arkp1_name], if we referred you, we hope that you visited your clinic as your health is important.	descriptive
	438	[summary]	THANK YOU FOR TAKING PART IN THE ARK STUDY from the study team and the MRC/Wits Agincourt Unit	descriptive
	439	[sig_ark_english]	Signature ARK staff member Date These screening results were conducted as part of a research project and need confirmation in a health care facility	descriptive
	440	[example_report_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: BMD screening (bmd_screening)				
	441	[bmd_screening_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: BMD consent (bmd_consent)				
	442	[eligible_bmd]	Is participant aged 35 and over?	yesno 1 Yes 0 No
	443	[bmd_invite] Show the field ONLY if: [eligible_bmd] = '1'	Was participant invited to take part in BMD study?	yesno 1 Yes 0 No

	444	[bmd_not_invited] Show the field ONLY if: [bmd_invite] = '0'	If participant was not invited, why not?	text
	445	[bmd_agree] Show the field ONLY if: [bmd_invite] = '1'	Did participant agree to participate in the BMD study?	yesno 1 Yes 0 No
	446	[consent_bmd] Show the field ONLY if: [bmd_agree] = '1'	Date of consent for BMD	text (date_dmy, Min: 2016-10-18)
	447	[ic_completed_bmd] Show the field ONLY if: [bmd_agree] = '1'	Has the participant signed the written, informed consent for the BMD study?	radio 0 no 1 yes
	448	[ic_no_bmd] Show the field ONLY if: [ic_completed_bmd] = '0'	If not, why	text
	449	[bmd_checklist] Show the field ONLY if: [ic_completed_bmd] = '1'	Checklist for BMD study	checkbox 0 bmd_checklist___0 correct ARK ID barcode sticker for participant 1 bmd_checklist___1 ARK ID sticker on consent form
	450	[p2_consent_user_bmd]	Completed by	text Field Annotation: @USERNAME @
	451	[bmd_consent_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: BMD lab visit (bmd)				
	452	[consent_filed]	consent_filed	yesno 1 Yes 0 No
	453	[bmd_date]	Date of study visit	text (date_dmy, Min: 2019-01-01), Required
	454	[intro_text]	I would like to begin by asking you some questions about yourself and your medical history. Ndzita tsakela ku sungula hiku mi vutisa swivutiso mayelana hivu n`wina na hiswa rihanyu ra n'wina	descriptive
	455	[medical_history]	Have you ever been told by a doctor or nurse that you have any of the following? U ungava u byeriwile hi dokodela kumbe muongori leswaku mina mavabyi lama landzelaka? *Tick all that apply*	checkbox 1 medical_history___1 Diabetes (sugar in the blood) 2 medical_history___2 High blood pressure 3 medical_history___3 Cancer 4 medical_history___4 Stroke 5 medical_history___5 Heart attack 6 medical_history___6 Congestive heart failure 7 medical_history___7 Kidney disease 8 medical_history___8 Thyroid disease 9 medical_history___9 Liver disease
	456	[current_meds_yes_no]	Are you currently taking medication prescribed by a doctor or nurse? Mi teka vutshunguri lebyi minga byeriwile hi dokotela mi ngava kumbe muongori?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	457	[current_med_list] Show the field ONLY if: [current_meds_yes_no] = '1'	What medications, prescribed by a doctor or nurse, are you currently taking? Xana i muxaka wihi wa vutshunguri lowu minga byeriwile hi dokodela kumbe muongori lowu mi wu tekaka? *List all medications. Copy names from patient's medication container*	notes

	458	[behaviour_text]	I would now like to ask you some questions about behaviours that may affect your health. You may have answered similar questions before , but these are a bit more detailed. Sweswi ndzita mi vutisa swivutiso mayelana na matikhomelo lama khumbaka rihanyu ran`wina. Mi ngava mi hlamurile swivutiso swo fana na leswi mara leswi swina vuenti.	descriptive
	459	[history_smoking_yes_no]	Have you ever smoked tobacco products? Mitshama mi dzaha swi dzidziharisi?	radio 0, No 1, Yes 6, Refused to answer 7, Don't know
	460	[current_smoke_yes_no] Show the field ONLY if: [history_smoking_yes_no] = '1'	Do you currently smoke tobacco products? Xana mi ngava mi dzhaha swi dzidziharisi?	radio 0, No 1, Yes 6, Refused to answer 7, Don't know
	461	[smoke_stop] Show the field ONLY if: [history_smoking_yes_no] = '1' and [current_smoke_yes_no] = '0'	How many years ago did you stop smoking tobacco products? Ima lembe mangaki manga hundza minga yima ku teka swi dzidziharisi? *Enter 666 for does not recall, 777 for refuses to answer*	text
	462	[smoke_products] Show the field ONLY if: [current_smoke_yes_no] = '1'	What tobacco products do you currently smoke? Xana i muxaka wihi wa swi dzidziharisi lowu mi wu dzhahaka? *Tick all that apply*	checkbox 1, smoke_products___1, Cigarettes 2, smoke_products___2, Cigars 3, smoke_products___3, Pipe 4, smoke_products___4, Hand-rolled tobacco 5, smoke_products___5, E-cigarettes 6, smoke_products___6, Refused to answer 7, smoke_products___7, Don't know
	463	[smoke_frequency] Show the field ONLY if: [current_smoke_yes_no] = '1'	How often do you smoke tobacco products? Ika ngaki mi dzhahaka swi dzidziharisi?	checkbox 0, smoke_frequency___0, Less than once a month 1, smoke_frequency___1, 1-3 days a month 2, smoke_frequency___2, 1-4 days a week 3, smoke_frequency___3, 5-6 days a week 4, smoke_frequency___4, Daily 6, smoke_frequency___6, Refused to answer 7, smoke_frequency___7, Don't know
	464	[smoke_start_age] Show the field ONLY if: [history_smoking_yes_no] = '1'	How old were you when you first started smoking? Xana misungule ku dzhaha swi dzidziharisi mi rina malembe mangaki? *Enter 666 for refused to answer and 777 for Don't know*	text
	465	[etoh_history_yes_no]	Have you ever consumed an alcoholic drink? Mi tshame minwa byala?	radio 0, No 1, Yes 6, Refused to answer 7, Don't know
	466	[etoh_current_yes_no] Show the field ONLY if: [etoh_history_yes_no] = '1'	Do you currently consume any alcoholic beverages? Mi ngava minwa swonwa leswi nga na byala?	radio 0, No 1, Yes 6, Refused to answer 7, Don't know

	467	[etoh_frequency] Show the field ONLY if: [etoh_current_yes_no] = '1'	How often do you consume alcoholic beverages? Xana mi ngava minwa ka ngaki swonwa leswi nga na Byala?	radio 0 Less than once a month 1 1-3 days a month 2 1-4 days a week 3 5-6 days a week 4 Daily 6 Refused to answer 7 Don't know
	468	[etoh_quantity] Show the field ONLY if: [etoh_current_yes_no] = '1'	On the days on which you drink alcoholic drinks, how many drinks do you have? Eka masiku lawa u nwaka byala, mi ngava minwa byaku fikela kwini? *Write 666 for Refused to answer and 777 for Don' t know*	text
	469	[etoh_type] Show the field ONLY if: [etoh_current_yes_no] = '1'	Which alcoholic drink do you consume most often? Imu xaka wihi wa byala lowu mi wu nwaka hi xitalo?	radio 1 Wine 2 Beer 3 Spirits 4 Home brew 5 Other 6 Refused to answer 7 Don't know
	470	[bone_health_txt]	I would now like to ask you some questions about your bone health and the bone health of your parents. Sweswi ndzi tami vutisa swi vutiso hirihanyu rama rhambu yan`wina xi kanwe nayava tswari van`wina.	descriptive
	471	[hcp_hip_fracture_yes_no]	Has a doctor or health care professional ever told you that you had broken your hip? Xina dokodela kumbe muongori I tshame ami byela swaku mi tshama mi tshoveka thanga?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	472	[hip_fracture_number] Show the field ONLY if: [hcp_hip_fracture_yes_no] = '1'	How many times have you broken a hip? Xana ika ngaki mi nga tshoveka thanga? *Write 666 for Refused to answer and 777 for Don' t know*	text
	473	[age_first_hip_fracture] Show the field ONLY if: [hcp_hip_fracture_yes_no] = '1'	How old were you when you broke your hip the first time? Xana loko mita tshoveka thanga ro sungula ami rina malembe mangaki? *Write 666 for Refused to answer and 777 for Don' t know*	text
	474	[hip_50] Show the field ONLY if: [hcp_hip_fracture_yes_no] = '1' and [age_first_hip_fracture] = '777'	When you broke your hip for the first time, were you Loko mi tshoveka thanga ro sungula a mi na?	radio 0 less than 50 years of age 1 50 years of age or older 6 Don't know 7 Refused to answer
	475	[age_recent_hip_fracture] Show the field ONLY if: [hcp_hip_fracture_yes_no] = '1' and [hip_fracture_number] > 1	How old were you when you broke your hip the most recent time? Amari na malembe mangaki loko mitati tshova nyonga?	text
	476	[cause_recent_hip_fracture] Show the field ONLY if: [hcp_hip_fracture_yes_no] = '1'	What caused your most recent hip fracture? Xana iyini lexi nga endla leswaku mi va naku tshinyeka ka nyonga ?	radio 0 Fall from standing height or less e.g. tripped, fell from bed 1 A hard fall, e.g. falling off a ladder, a step stool or down stairs 2 Car accident or other severe trauma 6 Refused to answer 7 Don't know

	477	[hcp_spine_fracture_yes_no]	Has a doctor or health care professional ever told you that you had broken your spine? I ngava dokodela kumbe moungeri u tshame ami byela leswaku miti tshove marhambu ya nhlana ?	radio 0, No 1, Yes 6, Refused to answer 7, Don't know
	478	[spine_fracture_number] Show the field ONLY if: [hcp_spine_fracture_yes_no] = '1'	How many times have you broken your spine? I ka ngaki laha minga ti tshova marhambu ya nhlana? *Write 666 for Refused to answer and 777 for Don' t know*	text
	479	[age_first_spine_fracture] Show the field ONLY if: [hcp_spine_fracture_yes_no] = '1'	How old were you when you broke your spine the first time? Xana ami rina malembe mangaki loko miti tshova rhambu ra nhlana? *Write 666 for Refused to answer and 777 for Don' t know*	text
	480	[spine_50] Show the field ONLY if: [hcp_spine_fracture_yes_no] = '1' and [age_first_spine_fracture] = '777'	When you broke your spine for the first time, were you Loko mi titshova rhambu ra nhlana ro sungula amiri na	radio 0, less than 50 years of age 1, 50 years of age or older 6, Don't know 7, Refused to answer
	481	[age_recent_spine_fracture] Show the field ONLY if: [hcp_spine_fracture_yes_no] = '1' and [spine_fracture_number] > 1	How old were you when you broke your spine the most recent time? A miri na malembe ma ngaki loko miti tshova rhambu ra nhlana ro hetelela? *Write 666 for Refused to answer and 777 for Don' t know*	text
	482	[cause_recent_spine_fracture] Show the field ONLY if: [hcp_spine_fracture_yes_no] = '1'	What caused your most recent spine fracture? Xana iyini lexinga endla leswaku mi va naku tshinyeka ka nyonga?	radio 0, Fall from standing height or less e.g. tripped, fell from bed 1, A hard fall, e.g. falling off a ladder, a step stool or down stairs 2, Car accident or other severe trauma 6, Refused to answer 7, Don't know
	483	[hcp_wrist_fracture_yes_no]	Has a doctor or health care professional ever told you that you had broken your wrist? Xana dokodela kumbe muongori a ngava ami byele leswaku mi tshoveke marhambu ya voko? *Do not include forearm or hand*	radio 0, No 1, Yes 6, Refused to answer 7, Don't know
	484	[wrist_fracture_number] Show the field ONLY if: [hcp_wrist_fracture_yes_no] = '1'	How many times have you broken your wrist? Xana ika ngaki laha minga ti tshova rhambu ra voko? *Write 666 for Refused to answer and 777 for Don' t know*	text
	485	[wrist_50] Show the field ONLY if: [hcp_wrist_fracture_yes_no] = '1' and [age_first_wrist_fracture] = '777'	When you broke your wrist for the first time, were you Xana loko mitati tshova rhambu ra voko ro sungula, amiri na?	radio 0, less than 50 years of age 1, 50 years of age or older 6, Don't know 7, Refused to answer
	486	[age_first_wrist_fracture] Show the field ONLY if: [hcp_wrist_fracture_yes_no] = '1'	How old were you when you broke your wrist the first time? Xana ami rina malembe mangaki kaku sungula loko mi ti tshova marhambu ya voko? *Write 666 for Refused to answer and 777 for Don' t know*	text
	487	[age_recent_wrist_fracture] Show the field ONLY if: [hcp_wrist_fracture_yes_no] = '1' and [wrist_fracture_number] > 1	How old were you when you broke your wrist the most recent time? Xana amiri na malembe mangaki loko mita hetelela ku ti tshova voko? *Write 666 for Refused to answer and 777 for Don' t know*	text

	488	[cause_recent_wrist_fracture] Show the field ONLY if: [hcp_wrist_fracture_yes_no] = '1'	What caused your most recent wrist fracture? Loko mita tshoveka voko ra hetelela swiendliwe hiyini ?	radio 0 Fall from standing height or less e.g. tripped, fell from bed 1 A hard fall, e.g. falling off a ladder, a step stool or down stairs 2 Car accident or other severe trauma 6 Refused to answer 7 Don't know
	489	[fracture_post_20]	Has a doctor ever told you that you had broken or fractured any other bone after you were 20 years of age? Dokodela a ngava a shame aku byela leswaku utshinyike kumbe ku tshoveka marambu kumbe ma nwana mara rambu yamirhi wa n`wina loko mira na malambe ya 20?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	490	[number_fracures_since_20] Show the field ONLY if: [fracture_post_20] = '1'	How many times has a doctor or health care professional told you that you had broken or fractured any other bone after you were 20 years of age? Ikangaka laha dokodela kumbe moungori vami byeleke leswaku mi tshoveke ninge kumbe ku tshinyeka marambu manwana ya n`wina? *Write 666 for Refused to answer and 777 for Don' t know*	text
	491	[cause_fracture_post_20] Show the field ONLY if: [fracture_post_20] = '1'	Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs? Ku tshinyeka loku kungava ku endleke hiku tikuma uri eka ngozi ya movha, ku tlimbiwa hi movha, kuhlaseiriwa kumbe kuwa e xitupini?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	492	[image] Show the field ONLY if: [fracture_post_20] = '1'	Please look at this image Ndzi kombela mi langutisa xifaniso lexi	descriptive
	493	[loc_first_other_fracture] Show the field ONLY if: [fracture_post_20] = '1'	Where on the image did the fracture occur? Ka xifaniso lexi hi kwihi laha a mi vaviseke kona?	radio 10 Head/face 11 Upper arm 12 Lower arm between wrist and elbow 13 Elbow 14 Hand 15 Fingers 16 Shoulder 17 Collar bone 18 Ribs (either side) 19 Pelvis (not hip) 20 Upper leg (thigh, excluding hip) 21 Lower leg (between ankle and knee) 22 Knee 23 Ankle 24 Heel 25 Foot 26 Toes 27 Other 66 Don't know 77 Refused to answer
	494	[age_fracture_other] Show the field ONLY if: [fracture_post_20] = '1'	How old were you when you fractured your (fracture site selected in OSQ.100) for the first time after age 20? Xana a mi rina ma lembe ma ngaki loko mita tshinyeka (eka xifaniso laha minga hlawula kona) ro sungula loko mita tshinyeka? *Write 666 for Refused to answer and 777 for Don' t know*	text

	495	[other_fracture_2] Show the field ONLY if: [fracture_post_20] = '1' and [number_fracures_since_20] > 1	Has a doctor ever told you that you had broken or fractured any other bones after you were 20 years of age? Xana moungori kumbe dokodela a ngava a tshama a mi byela leswaku mi tshoveke marhambu kumbe ku tshoveka swirho swinwana swa mirhi wa n`wina endzhaku ka loko mirhi na malembe ya 20?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	496	[cause_fracture_2_post_20] Show the field ONLY if: [other_fracture_2] = '1'	Please think of the second fracture you had since the age of 20. Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs? Nikombela mi ehleketa hi loko mita tshinyeka ka vu mbirhi loko mi ta va mirin a 20 waa malembe. Kungava ku vangiwe hiku tshinyeka kaku chavisa Ko fana na ngozi ya movha, ku chayisiwa hi movha kumbe kuwa?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	497	[image_2] Show the field ONLY if: [other_fracture_2] = '1'	Please look at this image Langutani xifaniso lexi	descriptive
	498	[loc_other_fracture_2] Show the field ONLY if: [other_fracture_2] = 1	Where on the image did the fracture occur? Kombani la kaxi faniso lexi laha ku tsoveka kona?	radio 10 Head/face 11 Upper arm 12 Lower arm between wrist and elbow 13 Elbow 14 Hand 15 Fingers 16 Shoulder 17 Collar bone 18 Ribs (either side) 19 Pelvis (not hip) 20 Upper leg (thigh, excluding hip) 21 Lower leg (between ankle and knee) 22 Knee 23 Ankle 24 Heel 25 Foot 26 Toes 27 Other 66 Don't know 77 Refused to answer
	499	[other_fracture_3] Show the field ONLY if: [fracture_post_20] = '1' and [number_fracures_since_20] > 1	Has a doctor ever told you that you had broken or fractured any other bones after you were 20 years of age? Xana dokodela kumbe muongori I tshame ami byela leswaku mi tshove marhambu endzaku ka loko mi hlangakisile 20 wa malembe?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	500	[cause_other_fracture_3_post_20] Show the field ONLY if: [other_fracture_3] = '1'	Please think of the third fracture you have had since the age of 20. Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs? Ndzikombela u ehleketa hi ku tshoveka kavu nharhu loko urina 20 wamalembe, swingava swi vangiwe hi ngoszi ya movha ku manyiya hi movha kumbe kuwa?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	501	[image_3] Show the field ONLY if: [other_fracture_3] = '1'	Please look at this image Langutani xifaniso lexi	descriptive

	502	[loc_other_fracture_3] Show the field ONLY if: [other_fracture_3] = 1	Where on the image did the fracture occur? ani utsovekeke kona laha ka xifanis Kombani l?	radio 10 Head/face 11 Upper arm 12 Lower arm between wrist and elbow 13 Elbow 14 Hand 15 Fingers 16 Shoulder 17 Collar bone 18 Ribs (either side) 19 Pelvis (not hip) 20 Upper leg (thigh, excluding hip) 21 Lower leg (between ankle and knee) 22 Knee 23 Ankle 24 Heel 25 Foot 26 Toes 27 Other 66 Don't know 77 Refused to answer
	503	[age_other_fracture_3] Show the field ONLY if: [other_fracture_3] = '1'	How old were you when you fractured your (fracture site selected in OSQ.100) for the first time after age 20? Ami rina malembe mangaki loko mitsoveka (la minga hlawula kona e xifanisweni)? *Write 666 for Refused to answer and 777 for Don' t know*	text
	504	[parent_osteoporosis_yes_no]	Including living and deceased, were either of your biological parents ever told by a health professional that they had osteoporosis or brittle bones? Ka va vatswari va n`wina lava hanyaka kumbe lavanga hundza Vatshama vabyeriwile hi dokodela kumbe muongori leswaku mina vu vabyi bya marambu kumbe ku ondza ka marambu?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	505	[parent_osteo] Show the field ONLY if: [parent_osteoporosis_yes_no] = '1'	Which biological parent was told they had brittle bones or osteoporosis? Eka vatswava wena hiva mbirhi I mani loyi ari na vu vabyi byo ondza marhambu?	checkbox 0 parent_osteo___0 Mother 1 parent_osteo___1 Father 6 parent_osteo___6 Don't know 7 parent_osteo___7 Refused to answer
	506	[mat_hip_fracture]	Did your mother ever break a hip? Xana manana wa wena utshame ati tshova nyonga?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	507	[age_mother_hip_fracture] Show the field ONLY if: [mat_hip_fracture] = '1'	About how old was her mother when she first broke her hip? Ari kwalomi kama llembe mangaki loko manana wa wena a sungula ku ti tshova nyonga? *Write 666 for Refused to answer and 777 for Don' t know*	text
	508	[age_50_mother_fracture] Show the field ONLY if: [mat_hip_fracture] = '1' and [age_mother_hip_fracture] = '777'	When your mother first fractured her hip, was she Loko manana wa wena ati tshinya nyonga ari na ?	radio 0 less than 50 years of age 1 50 years of age or older 6 Don't know 7 Refused to answer

	509	[pat_hip_fracture]	Did your father ever break a hip? Anga va tatana wa wena a tshame tshinyeka nyonga?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	510	[age_father_hip_fracture] Show the field ONLY if: [pat_hip_fracture] = '1'	About how old was your father when he first broke his hip? Tatana wa wena ari kwalomu ka malembe mangaki loko ata sungula ku tshinyike nyonga ? *Write 666 for Refused to answer and 777 for Don' t know*	text
	511	[age_50_father_fracture] Show the field ONLY if: [pat_hip_fracture] = '1' and [age_father_hip_fracture] = '777'	When your father first broke his hip, was he Loko tatana wa wena a sungula ku sungula ku Tshoveka nyonga ari na ?	radio 0 less than 50 years of age 1 50 years of age or older 6 Don't know 7 Refused to answer
	512	[diet_txt]	I would now like to ask you some questions about your diet. Ndzi ta mi vutisa swi vutiso hi madyelo ya n`wina .	descriptive
	513	[tea_milk]	How many cups of tea with milk do you drink in a typical week? Hi vhiki ra ntolovelo iti nkomichi ti ngaki ta tiyi ra masi leti mi tinwaka? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	514	[coffee_milk]	How many cups of coffee with milk do you drink in a typical week? Hi vhiki ra ntolovelo iti nkomichi ti ngaki ta tiya ya khofi leti miti nwaka? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	515	[milky_drink]	How many milky drinks e.g. yogurt drinks, maas, milkshakes do you drink in a typical week? I swi phozo kumbe swo nwa swi ngaki swa masi leswi miswi nwaka e,g inkomazi milkshaki I week ra ntolovelo? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	516	[cereal_milk]	How many times in a typical week do you eat milk with cereal or porridge? Ika ngaki evhikini laha mi dya mukapu wo cheliwa masi? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	517	[bread]	How many slices of white or brown bread do you eat in a typical week? E vhikina mi ngava mi dya maphisi mangaki ya xinkwa xaburawena kumbe xo basa? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	518	[wholemeal_bread]	How many slices of wholemeal bread do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki xinkhwa xa korini ? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	519	[hard_cheese]	How many portions of hard cheese e.g. cheddar do you eat in a typical week? E vhikina mi ngava mi dya ka ngaki chizi(yotiyela)? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	520	[cottage_cheese]	How many portions of cottage cheese do you eat in a typical week? E vhikina mi ngava mi dya ka ngaki chizi(feta cheese)? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	521	[biscuits]	How many biscuits do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki mabesikiti? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	522	[cake]	How many slices of cake do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki xilayi xa khekhe? *Enter 666 for Refused to Answer and 777 for Don't Know*	text

	523	[milk_pudding]	How many portions of milk pudding e.g. custard, yogurt, ice cream do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki swilo swo fana na custard, yogurt kumbe ice cream? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	524	[green_vegetables]	How many portions of green vegetables do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki matsavu? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	525	[bony_fish]	How many portions of canned bony fish e.g. sardines do you eat in a typical week? E vhikini mi ngava mindya ka ngaki xikotela xa fish? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	526	[fish]	How many portions of fresh or frozen fish do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki fish yo huma eka xigwitsirisi? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	527	[muesli]	How many portions of muesli do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki muesli? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	528	[oranges]	How many oranges do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki malamula? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	529	[eggs]	How many eggs do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki mandza? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	530	[chese_sauce]	How many portions of cheese sauce based food e.g. macaroni and cheese do you eat in a typical week? E vhikini mi ngava mi dya ka ngaki swakudya swo vana sopo ya cheese (swo fana na macaroni yo cheriwaia cheese)? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	531	[fruits_nuts]	How many portions of dried fruit or nuts do you eat in a typical week? E vhikini mingavq mi dya ka ngaki mi handzu yo omisiwa kumbe ti manga to omisiwa hi vhikji ra ntolovelo? *Enter 666 for Refused to Answer and 777 for Don't Know*	text
	532	[activity_txt]	Next, I would like to ask you some questions about your activity. These will include questions about your activity at work and in your spare time. Ni ta tsakela kumi vutisa swivutiso hima yelana na migingiriko leyi miyi endlaka, swivitiso leswi swi katsa migingiriko yala mitirhaka kona kumbe loko mi tshamile ema kaya.	descriptive
	533	[work_days_week]	How many days do you work per week? Hi vhiki ma tirha ma siku mangaki ? *Write 666 for Refused to answer and 777 for Don' t know*	text
	534	[weekend_work_yes_no] Show the field ONLY if: [work_days_week] > '0'	Do you usually work over the weekend? Xana hi mahelo ya vhiki ma tirha ?	radio 0, No 1, Yes 6, Refused to answer 7, Don't know
	535	[sedentary_work_yes_no] Show the field ONLY if: [work_days_week] > '0'	Does your work involve mostly sitting or standing still, or walking for very short periods (less than 10 minutes)? Xana ntirho wa n`wina wu katsa ku tirhi mi tshamile kumbe mi yime ka ndawu yinwi kumbe ku famba xikankarhana(ehansi Ka10 wa timinete)?	radio 0, No 1, Yes 6, Refused to answer 7, Don't know

	536	[vigorous_work_yes_no] Show the field ONLY if: [work_days_week] > '0'	Does your work involve vigorous activities (heavy lifting, digging, manual labour or construction) for at least 10 minutes at a time? Xana ntirho wa n`wina wu katsa mintirho yo tika (ku tlaku swilo swo tika kumbe kumbe ku cela migodi)ehansi Ka 10 a timinete?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	537	[days_vigorous_work] Show the field ONLY if: [vigorous_work_yes_no] = '1'	In a usual week, how many days are spent doing vigorous activities as part of your work? Hi vhiki ra ntolovelo imasiku mangaki lawa mi tirhaka mitirhaka mi tirho yo tika entirweni wa nwini? *Write 666 for Refused to answer and 777 for Don' t know*	text
	538	[hours_vigourous_work] Show the field ONLY if: [vigorous_work_yes_no] = '1'	On a usual day of vigorous work, how many hours are spent doing these activities? Hi siku ro tolovela rami ntirho yo tika, iti awara tingaki miti hetaka mi endla migingiriki yeyi? *Record in HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	539	[mod_intensity_yes_no] Show the field ONLY if: [work_days_week] > '0'	Does your work involve moderate-intensity activities (brisk walking or carrying light loads) for at least 10 minutes at a time? Xana ntirho wa n`wina wu katsa ku tirha hi swi tirhisiwa swo kala swi nga tiki swinene ku fana naku tlakula swilo swo vevuka) kumbe kuti wolola hiku famba?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	540	[mod_intensity_days] Show the field ONLY if: [mod_intensity_yes_no] = '1'	In a usual week, how many days are spent doing moderate-intensity activities at work? Evhikini ima siku mangaki mima hetaka mi endla mitirho yo kala yinka tiki {kutlakula swilo swo vevuka }? *Write 666 for Refused to answer and 777 for Don' t know*	text
	541	[mod_intensity_hours] Show the field ONLY if: [mod_intensity_yes_no] = '1'	On a usual work day, how many hours are spent doing moderate-intensity activities? Hi siku ra wena ra ntirho iti awara tingaki leti mi ti hetaka mitirha ntirho wo olova? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	542	[work_day_length] Show the field ONLY if: [work_days_week] > '0'	How long is your usual work day? Siku ra n`wina ra ntirho ri lehe ku ikela kwihi? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	543	[travel_activity_yes_no]	Do you walk or use a bicycle (for at least 10 minutes at a time) to get to and from places? Ugava u famba kumbe ku tirhisa xikanyakanya (ehansi ka 10 Wa timinete) kuya kumbe usuka ka ti ndawu to hambana?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	544	[travel_activity_days] Show the field ONLY if: [travel_activity_yes_no] = '1'	In a usual week, how many days do you walk or cycle for at least 10 minutes to get to and from places? Hi vhiki ra ntolovelo I masiku mangaki lawa mi mafambaka kumbe ku famba hi xikanyakanya kwalomu ka 10 wa timinete? *Write 666 for Refused to answer and 777 for Don' t know*	text
	545	[travel_activity_hours] Show the field ONLY if: [travel_activity_yes_no] = '1'	On a usual day, how many hours do you spend walking or cycling for travel? Eka siki ra ntolovelo, iti awara ti ngaki leti miti hetaka eka riendzo kumbe ku famba hixi kanyakanya? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	546	[spare_vigorous_mod_yes_no]	In your spare time, do you engage in any vigorous or moderate-intensity physical activities lasting more than 10 minutes at a time? Eka nkarhi wa n`wina mati nghenisa ka mintirho yo tika kumbe leyi nga tikeki leyi mitirhisaka mirhi wa nwana leyi hetaka kwalomu ka 10 wa timinete?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know

	547	[spare_vigourous_yes_no] Show the field ONLY if: [spare_vigorous_mod_yes_no] = '1'	In your spare time do you do any vigorous activities like running, strenuous sport or exercise for at least 10 minutes at a time? Eka nkarhi wa n`wina lowu mi vaka mingari ku tirheni ma endla mitirho yo tika kumbe mintlangu yak u tsutsuma kumbe vutiololoxi byi nwana byo tika kumbe byo vava ku hindza 10 wati minete?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	548	[spare_vigorous_days] Show the field ONLY if: [spare_vigourous_yes_no] = '1'	In a usual week, how many days do you engage in vigorous activities as part of your leisure time? Eka vhiki ra ntolovelo I masiku mangaki lawa mi ti nghenisaka ka mintlangu yo tika? *Write 666 for Refused to answer and 777 for Don' t know*	text
	549	[spare_vigorous_activities] Show the field ONLY if: [spare_vigourous_yes_no] = '1'	In a normal day, how many leisure hours are spent doing vigorous activities? Ka siku ra ntolovelo iti awara tingani uti hetaka u endla migingiriko yo tika? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	550	[spare_mod_intensity_yes_no] Show the field ONLY if: [spare_vigorous_mod_yes_no] = '1'	In your spare time, do you engage in any moderately intense physical activities like walking or swimming for at least 10 minutes at a time? Hi nkari wa nwina waku hungasa ma ti ngenisa hiku endla swa vutiolorhi swo fana no khida kumbe famba famba miti olola?	radio 0 No 1 Yes 6 Refused to answer 7 Don't know
	551	[spare_mod_intensity_days] Show the field ONLY if: [spare_mod_intensity_yes_no] = '1'	In a normal week, how many days are spent engaging in moderately intense physical activity as part of your leisure time? Ka vhiki ra ntolovelo ikangani mi ti ngenisaka ka swa vutiolori hi nkarhi wa nwina wo hungasa? *Write 666 for Refused to answer and 777 for Don' t know*	text
	552	[spare_mod_intensity_hours] Show the field ONLY if: [spare_mod_intensity_yes_no] = '1'	How many leisure hours are spent doing moderate-intensity activities in a normal day? Iti awara tingani miti hetaka mi endla ka mintirho yavuti olori? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	553	[sedentary_hours]	Over the past 7 days, how many hours did you spend sitting or reclining on a usual day (excluding sleep)? This may include time sitting at a desk, visiting friends, reading, or sitting down to watch television during working hours and leisure or spare time. Kama siku ya nkombo lamanga hundza, iti awara tingaki ungati heta ulo tshama kumbe ka ndawu yinw u hlaya ti buku kumbe ku langutisa tv. *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	554	[sitting_hours] Show the field ONLY if: [work_days_week] > '0'	How many hours per day do you spend sitting, while you are at work? Iti awara tingaki esikwini uti hetaka u tshamile hi nkarhi a ntirho. *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	555	[tv_week_hrs]	How many hours do you spend sitting watching TV per day, during the week? Iti awara tingaki e sikwini uti hetaka uri ku languteni ka tv e xikarhi ka vhiki? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	556	[tv_weekend_hours]	How many hours per day, do you spend sitting and watching TV during the weekend? Iti awara tingaki miti hetaka miri ku languteni ka tv ema heleni ya vhiki(weekend)? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)

	557	[computer_week_hrs]	How many hours per day, are spent sitting while using a computer outside of your normal working hours during the week? Iti awara tingaki miti tekaka mitshamile miri ku tirhiseni ka khomputa mingari ntirweni wan`wina wa siku? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	558	[computer_weekend_hours]	How many hours per day are spent using a computer during the weekend? Iti awara tingaki leti miti tekaka hi siku miri ku tirhiseni ka khomputa? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	559	[sit_travel_week_hrs]	How many hours per day do you spend sitting (eg. in car, bus, train) while travelling from place to place during the week? Iti awara tingaki leti miti tekaka hi siku mitshamile kungava kuri ka xitimela kumbe movha,banzi)miri karhi mi ya ka tindawu to hambana hambana? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	560	[sit_travel_weekend_hours]	How many hours per day are spent sitting while travelling from place to place (eg. in car, bus, train) during the weekend? Hi siki iti awara tingaki leti mi ti tekaka ekariendzo ro karhi mifamba hi movha kumbu banzi ,xitimela exi karhi ka vhiki ? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	561	[sit_soc_week_hours]	How many hours per day do you spend sitting while socialising during the week? Exi karhi ka vhiki hi siku iti awara ti ngaki leti mi tekaka miri ku hlananeleni na vanhu vanwana? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	562	[sit_soc_weekend_hrs]	How many hours per day do you spend sitting while socialising over the weekend? Hi siku hima helo ya vhiki iti awara ti ngaki leti miti tekaka mi ri ku hlanganeleni na vanhu va nwana ? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	563	[sit_relax_week_hrs]	How many hours per day do you spend sitting while relaxing during the week? Hi siku xana iti awara ti ngaki leti miti tekaka mi ri kari mtshamile exi karhi ka vhiki ? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	564	[sit_church_week_hours]	How many hours per day are spent sitting while at church during the week? Exi karhi ka vhiki hi siku iti awara ti ngaki leti mi ti tekaka miri kerekeni mi tshamile ? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	565	[sit_relax_weekend_hrs]	How many hours per day do you spend sitting while relaxing during the weekend? Hima helo ya vhiki hi siku iti awara tingaki leti miti tekaka mi wisile? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	566	[sit_church_weekend_hrs]	How many hours per day are spent sitting while at church during the weekend? Hi siku I ti awara ti ngaki leti miti tekaka mi tshamile ekerekeni hima helo ya vhiki? *Record as HH:MM; Write 66:66 for Refused to answer and 77:77 for Don' t know*	text (time)
	567	[wc1]	First waist circumference measurement *Measure waist circumference to nearest mm*	text (integer, Min: 300, Max: 2500)

	568	[wc1_yn]	Was first waist circumference measurement performed?	yesno 1 Yes 0 No
	569	[wc1_no_why] Show the field ONLY if: [wc1_yn] = '0'	If first waist circumference measurement was not done, why not?	text
	570	[wc2]	Second waist circumference measurement *Measure waist circumference to nearest mm*	text (integer, Min: 300, Max: 2500)
	571	[wc2_yn]	Was second waist circumference measurement performed?	yesno 1 Yes 0 No
	572	[wc2_no_why] Show the field ONLY if: [wc2_yn] = '0'	If second waist circumference measurement was not done, why not?	text
	573	[wc3]	Third waist circumference measurement *Measure waist circumference to nearest mm*	text (integer, Min: 300, Max: 2500)
	574	[wc3_yn]	Was third waist circumference measurement performed?	yesno 1 Yes 0 No
	575	[wc3_no_why] Show the field ONLY if: [wc3_yn] = '0'	If third waist circumference measurement was not done, why not?	text
	576	[hc1]	First hip circumference measurement *Measure waist circumference to nearest mm*	text (integer, Min: 300, Max: 3000)
	577	[hc1_yn]	Was first hip circumference measurement performed?	yesno 1 Yes 0 No
	578	[hc1_no_why] Show the field ONLY if: [hc1_yn] = '0'	If first hip circumference measurement was not done, why not?	text
	579	[hc2]	Second hip circumference measurement *Measure waist circumference to nearest mm*	text (integer, Min: 300, Max: 3000)
	580	[hc2_yn]	Was second hip circumference measurement performed?	yesno 1 Yes 0 No
	581	[hc2_no_why] Show the field ONLY if: [hc2_yn] = '0'	If second hip circumference measurement was not done, why not?	text
	582	[hc3]	Third hip circumference measurement *Measure waist circumference to nearest mm*	text (integer, Min: 300, Max: 3000)
	583	[hc3_yn]	Was third hip circumference measurement performed?	yesno 1 Yes 0 No
	584	[hc3_no_why] Show the field ONLY if: [hc3_yn] = '0'	If third hip circumference measurement was not done, why not?	text
	585	[bmd_complete]	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete