Inclusion Pregnancy Delivery

Record ID	
	(C2-XXXXX-X)
Study ID should begin with "C2-", and be in the format "C2-XX Please review and correct the ID for this participant.	XXX-X".
STUDY INCLUSION COHORT ASSIGNMENT C2 Research Team	
Name of RA:	 ○ Anthony Chesang ○ Caroline Kerich ○ Benedine Kokwon ○ Winnie Matelong ○ Anthoney Opon ○ Washington Rotich ○ Marsha Alera ○ Fred Kaemba ○ Emily Abuonji ○ Cleophas Cherop ○ Gladys Jeptoo ○ Calvin Oginga ○ Lindah Muli ○ Justine Kipsang
Date of Review:	
Was this patient's file sampled for retrospective data entry?	○ Yes ○ No
The term "retrospective data entry" refers to the process of pulling a file from a prior month for retrospective data entry that is not part of the routine 'near real time' data entry for each file.	
Inclusion Criteria (all must be YES to be eligible)	
Has the woman delivered at the site?	Yes No
Comments on inclusion criteria:	



EXCLUSION	
Any reason for exclusion?	
Based on the responses above, this woman is ELIGIBLE for study	v enrollment.
Based on the responses above, this woman is INELIGIBLE for end DO NOT PROCEED PAST THIS FORM	rollment.
Consent	
Did the woman consent to clarify any missing or incomplete data?	○ Yes ○ No
Reason for refusal to consent:	
Additional Characteristics	
Is this woman HIV positive?	Yes, PositiveNo, Negative
Repeat Study Enrollments	
If this woman has already been enrolled in MANGO C2 previousl Study ID below:	y under a different Study ID, please enter the prior
Prior MANGO C2 Study ID:	
IDENTIFIERS Identity of Participant (Woman)	
Name (First Middle Last)	
Date of Birth	
Are any parts of the Date of Birth unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
The Date of Birth entered above indicates the woman is < 10 yearnecessary	ears old, please review and make any corrections
Hospital Number:	
Linda Mama Number:	



CCC number (HIV+ women only):	
AMRS number (HIV+ women only)	
	
Other medical record number 1:	
Other Medical Record Number (1) Type:	
	
Other medical record number 2:	
	
Other Medical Record Number (2) Type:	
	
Is client known to be HIV positive?	○ Yes
	○ No
DEMOGRAPHIC/CONTACT INFORMATION	
Home Location	

County:	○ Uasin Gishu
	○ Trans-Nzoia
	○ Elgeyo-Marakwet Rift Valley
	○ Baringo○ Bomet
	Bungoma
	Busia
	○ Embu
	○ Garissa
	O Homa Bay
	○ Isiolo
	○ Kajiado
	○ Kakamega
	○ Kericho
	○ Kiambu
	○ Kilifi○ Kirinyaga
	○ Kirilyaga
	Kisumu
	○ Kitui
	○ Kwale
	○ Laikipia
	<u> Lamu</u>
	Machakos
	○ Makueni
	○ Mandera
	Marsabit
	○ Meru
	○ Migori
	○ Mombasa
	○ Murang'a○ Nairobi
	○ Nakuru
	Nandi Rift Valley
	Narok
	○ Nyamira
	Nyandarua
	○ Nyeri
	○ Samburu
	○ Siaya
	○ Taita Taveta
	○ Tana River
	○ Tharaka Nithi
	○ Turkana○ Vihiga
	Wajir
	○ West Pokot
	<u> </u>
Estate/Village:	
Please use all caps in response	
Phone 1:	
	(9-digit Number Only)
	(g
Phone 2 (if applicable) :	
	70 II
	(9-digit Number Only)

REDCap°

CURRENT PREGNANCY HISTORY	
Obstetric Data (in relation to current pregnancy)	
Gravida?	<pre> 1 2 3 4 5 6 7 8 9 >=10</pre>
Para?	<pre> ○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7 ○ 8 ○ 9 ○ >=10</pre>
Last menstrual period (LMP)?	
Are any parts of the Date of LMP unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown
Estimated date of delivery (EDD)?	
Are any parts of the Date of EDD unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Transfer History	
Was the woman transferred in from another facility for delivery?	YesNo
Health History	

projectredcap.org

Specify Complication(s): Please select all that apply		
 □ Primigravid and age >30 □ Primigravid (age not >30) □ Age < 18 □ Age >35 □ Hyportansian Pro occlampcia or Ecclampcia (High RR, high b) 	lood prossure, elevated PD, DIH, Prognancy	
 Hypertension, Pre-ecclampsia or Ecclampsia (High BP, high blanduced Hypertension, gestational hypertension) Scheduled C-section Prior C-section 	lood pressure, elevated br, Pin, Pregnancy	
☐ Other medical problem with the mother (such as heart problem, kidney problem, etc.) ☐ Infection		
 □ Problem with the baby noted during antenatal care (but NOT □ Congenital abnormality of infant noted during antenatal care □ Concern for the baby (fetal distress) □ PPROM (Preterm Premature rupture of membranes) □ PROM/SROM □ Premature Labor 	a congenital abnormality)	
Anemia Antepartum hemorrhage (APH)/PV bleeding Bad Obstetric History (BOH) IUFD (fetal demise) CPD/Big baby (cephalo-pelvic disproportion) Presentation of the baby (e.g breech, footling, transverse)		
Failed induction Multiparous/grand multip Failure to progress/stalled labor/prolonged labor Placenta previa Twin (or triplet) pregnancy Labor Pains/ for Delivery Unknown Other		
If Other reason for referral, please specify:		
History of any diseases during pregnancy?	○ Yes ○ No	
History of any of the following non-communicable diseases durin	ng the current pregnancy?	
 None Anaemia Asthma Breast lump Diabetes Fibroids High blood pressure (includes hypertension, gestational hype Pre-eclampsia or eclampsia Warts, genital warts, or vulvar warts Rash Other NCD 	rtension, and pregnancy induced hypertension)	
Date of diagnosis of Anemia?		
Are any parts of the Date of diagnosis of Anemia unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	



Date of diagnosis of Asthma?	
	
Are any parts of the Date of diagnosis of Asthma unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Breast lump?	
Are any parts of the Date of diagnosis of Breast lump unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Diabetes?	
Are any parts of the Date of diagnosis of Diabetes unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Fibroids?	
Are any parts of the Date of diagnosis of Fibroids unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of High blood pressure?	
Are any parts of the Date of diagnosis of High blood pressure unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Pre-eclampsia or eclampsia?	
Are any parts of the Date of diagnosis of Pre-eclampsia or eclampsia unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Warts?	
Are any parts of the Date of diagnosis of Warts unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown

Date of diagnosis of Rash?		
Are any parts of the Date of diagnosis of Rash unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
If Other non-communicable disease(s), please specify:		
Date of diagnosis of Other non-communicable disease(s)?		
Are any parts of the Date of diagnosis of Other NCD unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
History of any of the following communicable diseases during	the current pregnancy?	
None Abscess Candida/Candidiasis Cervicitis/STD/Vaginal Discharge Syndrome (VDS) Covid-19 Diarrhoea, gastroenteritis Ear infection Eye infection Fever (unknown cause) Herpes (HSV) Malaria PID (pelvic inflammatory disease) Pneumonia Rubella Sore throat/tonsillitis Syphilis Toxoplasmosis Tuberculosis Urinary track infection (UTI) Varicella (chicken pox or zoster) Other communicable disease		
Date of diagnosis of Abcess?		
Are any parts of the Date of diagnosis of Abcess unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Date of diagnosis of Candida/Candidiasis?		
Are any parts of the Date of diagnosis of Candida/Candidiasis unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	

REDCap°

Date of diagnosis of Cervicitis/STD/Vaginal Discharge Syndrome (VDS)?		
Are any parts of the Date of diagnosis of Cervicitis/STD/VDS unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
Date of diagnosis of Covid-19?		
Are any parts of the Date of diagnosis of Covid-19 unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Date of diagnosis of Diarrhoea, gastroenteritis?		
Are any parts of the Date of diagnosis of Diarrhoea unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Date of diagnosis of Ear infection?		
Are any parts of the Date of diagnosis of Ear infection unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
Date of diagnosis of Eye infection?		
Are any parts of the Date of diagnosis of Eye infection unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
Date of diagnosis of Fever?		
Are any parts of the Date of diagnosis of Fever unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Date of diagnosis of Herpes (HSV)?		
Are any parts of the Date of diagnosis of HSV unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	

REDCap°

Date of diagnosis of Malaria?	
Are any parts of the Date of diagnosis of Malaria unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown
Date of diagnosis of PID?	
Are any parts of the Date of diagnosis of PID unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Pneumonia?	
Are any parts of the Date of diagnosis of Pneumonia unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Rubella?	
Are any parts of the Date of diagnosis of Rubella unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Sore throat/tonsillitis?	
Are any parts of the Date of diagnosis of Sore throat/tonsillitis unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Syphilis?	
Are any parts of the Date of diagnosis of Syphilis unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Toxoplasmosis?	
Are any parts of the Date of diagnosis of Toxoplasmosis unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown

Date of diagnosis of Tuberculosis?	
Are any parts of the Date of diagnosis of Tuberculosis unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
Date of diagnosis of Urinary track infection (UTI)?	
Are any parts of the Date of diagnosis of UTI unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Date of diagnosis of Varicella?	
Are any parts of the Date of diagnosis of Varicella unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
If Other communicable disease(s), please specify:	
Date of diagnosis of Other communicable disease(s)?	
Are any parts of the Date of diagnosis of Other communicable disease unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
HIV Status	
Is the woman HIV positive?	○ Yes ○ No
EXPOSURES	
Key Exposures	
HIV and PMTCT: for HIV+ women only	☐ None☐ ART (If YES, enter ART in the Current Pregnancy History form)☐ CTX prophylaxis
Start Date of ART?	
Are any parts of the Date of ART start unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown

Start Date of CTX Prophylaxis?	
Are any parts of the Start Date of CTX unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
End Date of CTX Prophylaxis?	
Are any parts of the End Date of CTX unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
HIV and PMTCT: for HIV- women only	○ None○ HIV pre-exposure prophylaxis (PrEP)
Start Date of PREP?	
Are any parts of the Start Date of PREP unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
End Date of PREP?	
Are any parts of the End Date of PREP unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
TB:	☐ IPT (isoniazid preventive therapy / TB prophylaxis)☐ TB Treatment☐ None
Start Date of IPT?	
Are any parts of the Start Date of IPT unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
EndDate of IPT?	
Are any parts of the End Date of IPT unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Start Date of TB Treatment?	

Are any parts of the Start Date of TB Treatment unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown
End Date of TB Treatment?	
Are any parts of the End Date of TB Treatment unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
If Yes to anti-TB medication, please select all that apply:	☐ Rifampin (Rif, the "R" in RHZE) ☐ INH (Isoniazid, the "H" in RHZE) ☐ Pyrazinamide (PZA, the "Z" in RHZE) ☐ Ethambutol (the "E" in RHZE) ☐ Streptomycin (this is given as an IV or IM) ☐ Rifabutin ☐ Amikacin ☐ Levofloxacin ☐ Unknown
Vitamins	 ☐ Antenatal vitamin ☐ Folate (folic acid) supplement ☐ Iron supplement ☐ Vitamin C ☐ None
Start Date of Antenatal vitamins?	
Are any parts of the Start Date of Antenatal vitamins unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
End Date of Antenatal vitamins?	
Are any parts of the End Date of Antenatal vitamins unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Start Date of Folate supplement?	
Are any parts of the Start Date of Folate supplement unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
End Date of Folate supplement?	

projectredcap.org

Are any parts of the End Date of Folate supplement unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown
Start Date of Iron supplement?	
Are any parts of the Start Date of Iron supplement unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
End Date of Iron supplement?	
Are any parts of the End Date of Iron supplement unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Start Date of Vitamin C?	
Are any parts of the Start Date of Vitamin C unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
End Date of Vitamin C?	
Are any parts of the End Date of Vitamin C unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Anti-infectives	 ☐ Anti-malarial (either for treatment or prevention) ☐ Antibiotic ☐ Deworming ☐ None
Start Date of Anti-malarial?	
Are any parts of the Start Date of Anit-malarial unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
End Date of Anti-malarial?	
Are any parts of the End Date of Anit-malarial unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown

₹EDCap®

If Yes to anti-malarial, please select all that apply:	 ☐ Chloroquine ☐ Atovaquone/Proguanil (Malarone) ☐ Coartem (arthemether lumefantrine) ☐ Quinidine ☐ Other
If Other anti-malarial, please specify:	
Start Date of Antibiotic?	
Are any parts of the Start Date of Anitbiotic unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
End Date of Antibiotic?	
Are any parts of the End Date of Anitbiotic unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
If Yes to antibiotic, please select all that apply:	☐ Amoxicillin ☐ Ceftriaxone ☐ Cloxacillin ☐ Cotrimoxazole (CTX) ☐ Doxycycline ☐ Erythromycin ☐ Metronidazole ☐ Penicillin ☐ Other
If Other antibiotic, please specify:	
Start Date of Deworming medicine?	
Are any parts of the Start Date of De-worming medicine unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
End Date of Deworming medicine?	
Are any parts of the End Date of De-worming medicine unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
Deworming medication name(s):	☐ Mebendazole☐ Other

projectredcap.org **REDCap**®

If Other deworming medication, please specify:		
Substance Use During Pregnancy:	☐ Alcohol ☐ Tobacco ☐ Other illicit drug ☐ None	
If other illicit drug, please specify: (e.g. methamphetamine, cannabis, cocaine, heroin)		
Other Therapeutic Exposures During Pregnancy		
Other Medication 1:		
Start Date of [othermed1]?		
Are any parts of the Start Date of [othermed1] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
End Date of [othermed1]?		
Are any parts of the End Date of [othermed1] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Other Medication 2:		
Start Date of [othermed2]?		
Are any parts of the Start Date of [othermed2] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
End Date of [othermed2]?		
Are any parts of the End Date of [othermed2] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Other Medication 3:		
Start Date of [othermed3]?		



Are any parts of the Start Date of [othermed3] unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
End Date of [othermed3]?		
Are any parts of the End Date of [othermed3] unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
Other Medication 4:		
Start Date of [othermed4]?		
Are any parts of the Start Date of [othermed4] unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
End Date of [othermed4]?		
Are any parts of the End Date of [othermed4] unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
Other Medication 5:		
Start Date of [othermed5]?		
Are any parts of the Start Date of [othermed5] unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
End Date of [othermed5]?		
Are any parts of the End Date of [othermed5] unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
Other Medication 6:		
Start Date of [othermed6]?		

Are any parts of the Start Date of [othermed6] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
End Date of [othermed6]?		
Are any parts of the End Date of [othermed6] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Other Medication 7:		
Start Date of [othermed7]?		
Are any parts of the Start Date of [othermed7] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
End Date of [othermed7]?		
Are any parts of the End Date of [othermed7] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Other Medication 8:		
Start Date of [othermed8]?		
Are any parts of the Start Date of [othermed8] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
End Date of [othermed8]?		
Are any parts of the End Date of [othermed8] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Other Medication 9:		
Start Date of [othermed9]?		

Are any parts of the Start Date of [othermed9] unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown	
End Date of [othermed9]?		
Are any parts of the End Date of [othermed9] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Other Medication 10:		
Start Date of [othermed10]?		
Are any parts of the Start Date of [othermed10] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
End Date of [othermed10]?		
Are any parts of the End Date of [othermed10] unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Other Exposures During Pregnancy		
Please specify any other exposures during pregnancy:		_
ANC PROFILE		
Date of ANC Data Extraction:		
Haemoglobin (Hb):		
	(g/dl (with 1 decimal))	
Date of Haemoglobin (Hb):		
Are any parts of the Date of Haemoglobin unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	

Blood Group:	○ A○ B○ O○ AB
Rhesus (Rh):	○ Positive○ Negative
Serology (VDRL/RPR)	○ Positive○ Negative
Date of Serology (VDRL/RPR):	
Are any parts of the Date of Serology unknown?	No, Date is ExactDay is UnknownMonth is UnknownDay and Month are Unknown
HIV Test Result:	 Positive (reactive) Negative (non-reactive) Indeterminate Not tested Not applicable (known positive)
Date of HIV test:	
Are any parts of the Date of HIV Test unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
Urine protein result:	 ○ No urine protein documented ○ Trace Protein ○ 1+ Protein ○ 2+ Protein ○ 3+ Protein
Date of urine protein:	
Are any parts of the Date of Urine Protein unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown

LABOR AND DELIVERY		
Duration of labor?		
	(hours)	
Pregnancy Outcome?	 Live birth Stillbirth (≥24 weeks gestation) Miscarriage (< 24 weeks gestation) Termination of Pregnancy Ectopic Pregnancy Molar pregnancy Not pregnant Other 	
If Other pregnancy outcome, please specify:		
Was labor induced?	○ Yes ○ No	
Date of delivery?		
Time of delivery?		
Mode of delivery?	 SVD (spontaneous vaginal delivery) SBD (spontaneous breech delivery) Elective CS (c-section) Emergency CS (c-section) AVD (assisted vaginal delivery) 	
How many children were delivered?	○ 1 ○ 2 or more	
Peripartum HIV testing and treatment		
HIV test result	 Positive (reactive) Negative (non-reactive) Indeterminate Not tested Not applicable (known positive) 	
Date of HIV test:		
After Delivery		
Did the mother receive IV zidovudine (AZT) during labor (HIV+ women only)?	○ Yes ○ No	
Blood Loss (mls)?		
	(mls)	
Other delivery complications?		



projectredcap.org

Umbilical cord appearance?	○ Normal○ Abnormal
Umbilical cord comments:	
Placenta appearance?	○ Normal○ Abnormal
Placenta comments:	
Peripartum complications: Please select all that apply * Note: enter conditions diagnosed during pregnancy under the Current Pregnancy History section and not in this field	☐ Gestational hypertension ☐ Pre-ecclampsia (PET) ☐ Ecclampsia ☐ Antepartum hemorrhage (APH) ☐ Postpartum hemorrhage (PPH) ☐ Prolonged labor ☐ Cardiomyopathy / Cardiac disease ☐ Psychosis ☐ Puerperal sepsis, Endometritis or Postpartum metritis ☐ None of the above
Mother alive at discharge?	○ Yes ○ No
If mother not alive, please enter date of death:	
If mother not alive, please enter cause of death:	
Comments	
Additional Comments	

Pregnancy Imaging Results

Research Team		
Name of RA:	 Anthony Chesang Caroline Kerich Benedine Kokwon Winnie Matelong Anthoney Opon Washington Rotich Marsha Alera Fred Kaemba Emily Abuonji Cleophas Cherop Gladys Jeptoo Calvin Oginga Lindah Muli Justine Kipsang 	
Imaging		
Type of Imaging:	○ Ultrasound○ X ray○ CT scan○ ECHO○ Other○ None	
Please specify other imaging study?		
Date of Imaging?		
Are any parts of the Date of study unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
Report Upload: Please upload file/image of report if available:		
Report Upload: Additional space to upload imaging report		
Report Upload: Additional space to upload imaging report		
Comments:		

Substudy Enrollment

Is this participant co-enrolled in a MANGO sub-study?	○ Yes○ No○ Approached but not enrolled
Sub-study participant is enrolled in:	JOZITabiri / DAPP
Date of consent and enrollment in sub-study:	
	(DD-MM-YYYY)
Comments:	

₹EDCap°

06/05/2023 1:55pm projectredcap.org

Newborn Birth Details / CA

NEWBORN BIRTH DETAILS		
Research Team		
Name of RA:	 Anthony Chesang Caroline Kerich Benedine Kokwon Winnie Matelong Anthoney Opon Washington Rotich Marsha Alera Fred Kaemba Emily Abuonji Cleophas Cherop Gladys Jeptoo Calvin Oginga Lindah Muli Justine Kipsang 	
Birth Details		
Infant Number?		
Infant ID (auto generated):		
Date of delivery?		
The maternal date of delivery specified on a previous form was [c2_data_extraction_arm_1][deliv_d]		
Gestational age (completed weeks)?		
Mode of gestational age assessment?	∪ LMP○ Ultrasound○ SFH (symphysial fundal height)	
Outcome at birth?	Live birthFresh stillbirthMacerated stillbirth	
If stillbirth, please specify all causes:		
Sex?	 Male Female Ambiguous	
Birth Weight?		
	(kg (MUST include 1 decimal))	

₹EDCap°

06/05/2023 1:55pm projectredcap.org

Birth Length?	
	(cm)
Head circumference?	
	(cm)
Foot Length?	
	(cm)
APGAR at 1 minute?	0 0 1 0 2 3 0 4 0 5 6 0 7 8 9 10
APGAR at 5 minutes?	 ○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7 ○ 8 ○ 9 ○ 10
Documentation of any congenital abnormality?	○ Yes ○ No
Comments	
Additional Comments:	
CONGENITAL ABNORMALITIES	
Presence of any potential congenital abnormality?	YesNo
Was a surface exam done by the study team?	○ Yes ○ No
Was an MTRH surface exam form in the file?	Yes, completedYes, but not completedNo

REDCap°

Congenital anomaly description	
Description of abnormality (please include as much detail as possible)	
Abnormality is an extra digit	YesNoUnknown
Position of extra digits	☐ Left hand ☐ Right hand ☐ Left foot ☐ Right foot
Left hand - location of extra digit	Near 5th digit (little finger)Near thumbOther place
Left hand - appearance of extra digit	 Fully formed extra digit (looks like a finger and has a bone in it) Soft, without a bone (sometimes hanging by a stalk
Right hand - location of extra digit	Near 5th digit (little finger)Near thumbOther place
Right hand - appearance of extra digit	 Fully formed extra digit (looks like a finger and has a bone in it) Soft, without a bone (sometimes hanging by a stalk
Left foot - location of extra digit	Near 5th digit (little toe)Near big toeOther place
Left foot - appearance of extra digit	 Fully formed extra digit (looks like a finger and has a bone in it) Soft, without a bone (sometimes hanging by a stalk
Right foot - location of extra digit	Near 5th digit (little toe)Near big toeOther place
Right foot - appearance of extra digit	 Fully formed extra digit (looks like a finger and has a bone in it) Soft, without a bone (sometimes hanging by a stalk
Head and neck exam abnormal (includes skull, fontanelles, eyes, ears, nose, jaw)	○ No○ Yes○ Unknown
Describe abnormality (please include as much detail as possible)	
Evidence of hydrocephalus (swollen head)	○ No○ Yes○ Unknown



Defect in the skull	○ No○ Yes○ Unknown
Description of skull defect	 ○ Completely covered by skin ○ Partly covered by skin ○ Covered by a thin sac/membrane ○ Not covered by skin (brain tissue visible) ○ Unknown
Mouth, lip and palate exam abnormal	○ No○ Yes○ Unknown
Describe abnormality (please include as much detail as possible)	
Chest exam abnormal (including shape and respiratory movements)	○ No○ Yes○ Unknown
Describe abnormality (please include as much detail as possible)	
Abdominal and anal exam abnormal (including any masses, umbilical hernia, and abdominal wall defects)	○ No ○ Yes ○ Unknown
Describe abnormality (please include as much detail as possible)	
Arms and legs abnormal (including length, shape, missing parts)	○ No○ Yes○ Unknown
Describe abnormality (please include as much detail as possible)	
Fingers and toes abnormal (including nails, number, dangling, shape, missing parts, abnormally large or small)	○ No ○ Yes ○ Unknown
Describe abnormality (please include as much detail as possible)	
Spine exam abnormal (including lumps, cysts, tufts of hair, bulging at back of neck, thorax or lumbar area)	○ No○ Yes○ Unknown
Describe abnormality (please include as much detail as possible)	
Location of spine defect	☐ Cervical ☐ Thoracic ☐ Lumboscaral ☐ Unknown

Description of spine defect	 Covered in hair and NOT bulging out Covered in hair and bulging out Bulging out and completely covered with skin Bulging out and partly covered with skin Bulging out and covered with only a sac/thin membrane Open - can see the spine/spinal cord Unknown
Hips and genitalia abnormal (including urethra, testes, penile shaft, vagina, labia)	○ No○ Yes○ Unknown
Describe abnormality (please include as much detail as possible)	
Skin exam abnormal (including pale, blue, birth marks, large very red areas)	○ No○ Yes○ Unknown
Describe abnormality (please include as much detail as possible)	
Describe any other abnormality, unusual finding or comment about the abnormality	

projectredcap.org

CA Assessment

Congenital anomaly assessment (completed by CA panel)		
Diagnosis documented	○ No○ Yes○ Unknown	
Diagnosis made by	Registered NurseMedical OfficerPediatricianObstetricianGeneticist	
Specify diagnosis		
Congenital abnormality reviewed by geneticist	○ No○ Yes○ Unknown	
Final diagnosis by geneticist		
ICD 10 code for diagnosis 1		
Certainty of diagnosis:	○ Definite○ Probable○ Possible○ Uncertain	
ICD 10 code for diagnosis 2		
Certainty of diagnosis:	○ Definite○ Probable○ Possible○ Uncertain	
ICD 10 code for diagnosis 3		
Certainty of diagnosis:	○ Definite○ Probable○ Possible○ Uncertain	
ICD 10 code for diagnosis 4		
Certainty of diagnosis:	○ Definite○ Probable○ Possible○ Uncertain	

projectredcap.org **REDCap***

ICD 10 code for diagnosis 5		
Certainty of diagnosis:	○ Definite○ Probable○ Possible○ Uncertain	
ICD 10 code for diagnosis 6		
Certainty of diagnosis:	DefiniteProbablePossibleUncertain	
ICD 10 code for diagnosis 7		
Certainty of diagnosis:	DefiniteProbablePossibleUncertain	
ICD 10 code for diagnosis 8		
Certainty of diagnosis:	○ Definite○ Probable○ Possible○ Uncertain	
Date of geneticist diagnosis		
	(if date unknown 11/11/1911)	
Name of geneticist		

REDCap°

Classification of abnormality (check all that apply)	Unknown Absent radius, bilateral Albino Ambiguous genitalia Amniotic band syndrome Anencephaly Ascites Bifid digit Birth injury Blue-black patch Cebocephaly Cleft lip Cleft palate Cryptopthalmus Cystic hygroma Dental cyst Disseminated hairy nevus Downs syndrom (T21) Dysmorphic facial features Encephalocele Foreskin defect Hydrocephalus Hypospadius, glandular Hypospadius, penile Imperformate anus Isolated bowed tibia Limb-body wall defect Multiple abnormalities of unknwon origin Myelomeningocele, lumbo-sacral Natal teeth Omphalocele Phimosis Postaxial polydactyly, unilateral hand Postaxial polydactyly, unilateral foot Preaxial polydactyly, unilateral foot Preaxial polydactyly, unilateral foot Preaxial polydactyly, bilateral foot Preaxial polydactyly, unilateral foot Preaxial polydactyly, unilateral foot Preaxial polydactyly, bilateral foot Proaxial polydactyly, bilateral foot
Neural tube defect	Yes (photo available)○ Probable (no photo available)○ No○ Unknown
Major abnormality	 Yes (photo available) ○ Probable (no photo available) ○ No (photo available) ○ Unlikely (no photo available) ○ Unknown ○ Not an abnormality

06/05/2023 1:55pm projectredcap.org



Comments	
Additional Comments:	



Newborn Imaging Results

Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	
Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	

₹EDCap°

Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	
Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	

Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	
Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	

Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	
Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	

Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	
Type of Imaging?	○ None○ Ultrasound○ ECHO○ X-ray○ CT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	

Type of Imaging?	NoneUltrasoundECHOX-rayCT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	 No, Date is Exact Day is Unknown Month is Unknown Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	
*** Enter Additional Imaging Below ***	
Type of Imaging?	NoneUltrasoundECHOX-rayCT scan
Date of Imaging?	
Are any parts of the Date of Imaging unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown
Imaging Report: Please upload file/image if available	
Imaging Comments:	



Newborn Followup

Date of documentation?		
Date of discharge after delivery?		
Newborn alive at discharge?	○ Yes ○ No	
Has the newborn passed away?	○ No ○ Yes	
Date of death?		
Fetal autopsy completed?		
Fetal autopsy findings:		
Was the baby given supportive care measures during the first 24 hours of life? Please select all that apply	☐ None ☐ Oxygen ☐ Intubation	
Newborn required NBU admission prior to discharge?	○ Yes ○ No	
If admitted in NBU, please enter the in-patient number if available:		
If yes, please specify all reasons neonate required NBU:		
Was the baby given an HIV test any time after delivery?	○ Yes ○ No	
Date of HIV test?		
Are any parts of the Date of HIV test unknown?	○ No, Date is Exact○ Day is Unknown○ Month is Unknown○ Day and Month are Unknown	
HIV test result?	○ Positive○ Negative	

₹EDCap°

projectredcap.org

ARV Medication given after birth? Select all that apply	 None Kaletra (KTL) Nevirapine (NVP) Zidovudine (AZT) Lamivudine (3TC) Unknown
Comments	
Additional Comments:	



06/05/2023 1:55pm projectredcap.org