

## ANC\_3 LEARNING SCENARIOS

### SCENARIO 1

From ANC Clinic first registration to Drug dispensing	
<b>Demographic registration</b>	Patient name: ..... , Date of birth: April 4 1985
<b>Prescription</b>	TTV given today
<b>Vitals</b>	Weight/Height: weight: 69.5kg, Height 156cm, Sbp: 110 dbp: 60
<b>ANC Visit</b>	1,
<b>Obstetric History</b>	Gravida 1,
<b>Medical History</b>	No past Medical complications
<b>Surgical History</b>	None
<b>Social History</b>	Doesn't smoke nor take alcohol, Married, Christian
<b>Lab Investigations</b>	HIV negative, Syphilis test done found negative
<b>Current Pregnancy</b>	Last Menstrual Period (LMP) 12 weeks ago Bed net given, No TTV vaccination in the past)
<b>ANC examination</b>	Ultrasound No, Baby presentation: Ball, No danger sign Diagnosis: None
<b>Next Visit (Gestation)</b>	20-24 weeks
<b>Treatment</b>	SP 3 tablets, Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg.

### SCENARIO 2

From ANC Clinic first registration to Drug dispensing	
<b>Demographic registration</b>	Patient name: ....., Year of Birth: Unknown, Estimate age 30
<b>Prescription</b>	TTV given today
<b>Vitals</b>	Weight: 69.5kg, Height 156cm, Sbp: 140 dbp: 95
<b>ANC Visit Number</b>	2,
<b>Obstetric History</b>	Gravida 1,
<b>Medical History</b>	No past Medical complications
<b>Surgical History</b>	None
<b>Social History</b>	Doesn't smoke nor take alcohol, Married, Christian

<b>Lab Investigations</b>	Currently Tested HIV negative, Syphilis test done found Positive, Hb tested
<b>Current Pregnancy</b>	-Last Menstrual Period (LMP) 8 weeks -Bed net given, 1 TTV vaccination in the past) -Plans to deliver baby at Mangochi District Hospital
<b>ANC examination</b>	Baby presentation: Nill Palpable, No danger sign Ultrasound Not done Diagnosis: Anaemia
<b>Next Visit (Gestation)</b>	20-24 weeks
<b>Treatment</b>	SP 3 tablets, Ferrous Sulphate + Folic acid 450mg.

### SCENARIO 3

<b>From ANC Clinic First Registration to PMTC drug Dispensation ( HIV Positive woman)</b>	
<b>Demographic Registration</b>	Name....., 36 years old, Mozambican
<b>Prescription</b>	TTV given today
<b>Vitals</b>	(Weight: 120kg), (Height:157cm), sbp: 110, dbp:60
<b>ANC Visit</b>	1
<b>Obstetric History</b>	-Gravida 2, Para1 -First pregnancy: Twins delivered in 2007 (9 years before current year), -Born at Traditional Birth Attendant (TBA), 9 months gestation, -Spontaneous Vaginal Delivery -Both alive at birth -Birth weight: Unknown (average) -All alive
<b>Medical History</b>	Previous complications: Hemorrhage:APH, Medical Complications: None
<b>Surgical History</b>	None
<b>Lab Investigations</b>	HIV + done today
<b>Current Pregnancy</b>	LMP, 24 weeks
<b>ANC examination</b>	-Presentation: Nill palpable -Position : Ultrasound No Diagnosis : Extensive Warts
<b>Next Visit (Gestation)</b>	24-28 Weeks

<b>ANC Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg, NVP Syrup
<b>PMTCT</b>	-Guardian not Present -Weight and height (63.0kgs and 157 cm) -WHO staging: Asymptomatic -Allergic to surfer -Dispense 5A for 1 Month -Assign ARV Number -Print demographics and Status at ART Initiation, National ID, Visit summer and affix on Electronic Mastercard

#### SCENARIO 4

From ANC Clinic first registration to Drug dispensing (ANC and PMTCT, HIV +)																																				
<b>Demographic registration</b>	Patient name: ..... Date of birth: 3 August, 1988																																			
<b>Prescription</b>	TTV given today																																			
<b>Vitals</b>	Weight/Height: weight: 53.9kg, Height 156cm, Sbp: 120 dbp: 60																																			
<b>ANC Visit</b>	1,																																			
<b>Obstetric History</b>	-Gravida 5- - Para 0 <table border="1" data-bbox="409 1178 1542 1621"> <thead> <tr> <th>Abortion</th><th>Year</th><th>Place</th><th>Type of abortion</th><th>Procedure done</th><th>Gestation (Months)</th></tr> </thead> <tbody> <tr> <td>1<sup>st</sup></td><td>2007</td><td>Health facility</td><td>Complete Abortion</td><td>MVA</td><td>2</td></tr> <tr> <td>2<sup>nd</sup></td><td>2008</td><td>Home</td><td>Incomplete Abortion</td><td>Evacuation</td><td>3</td></tr> <tr> <td>3<sup>rd</sup></td><td>2008</td><td>Other</td><td>Complete Abortion</td><td></td><td>1</td></tr> <tr> <td>4<sup>th</sup></td><td>2010</td><td>Health facility</td><td>Complete</td><td>MVA</td><td>2</td></tr> </tbody> </table>						Abortion	Year	Place	Type of abortion	Procedure done	Gestation (Months)	1 <sup>st</sup>	2007	Health facility	Complete Abortion	MVA	2	2 <sup>nd</sup>	2008	Home	Incomplete Abortion	Evacuation	3	3 <sup>rd</sup>	2008	Other	Complete Abortion		1	4 <sup>th</sup>	2010	Health facility	Complete	MVA	2
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<b>Medical History</b>	Blood Transfusion																																			
<b>Surgical History</b>	None																																			
<b>Social History</b>	Takes alcohol																																			
<b>Lab Investigations</b>	HIV +																																			

<b>Current Pregnancy</b>	Last Menstrual Period (LMP) 16 weeks before
<b>ANC examination</b>	Baby presentation: Ball, No danger sign, Ultrasound done Diagnosis: Pre-eclampsia
<b>Next Visit (Gestation)</b>	20-24 weeks
<b>Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg, NVP Syrup
<b>PMTCT</b>	-New Registration -HIV staging: Asymptomatic. CD4count: =800 -Clinic Visit- No symptoms -Allergic to sulfur -Prescribe 5A for 1month -Register Guardian via master card and Tasks Button

## SCENARIO 5

From ANC Clinic first registration to Drug dispensing																							
<b>Demographic registration</b>	Patient name: ..... , Date of birth: April 4 1965																						
<b>Prescription</b>	TTV not given today																						
<b>Vitals</b>	Weight/Height: weight: 69.5kg, Height 156cm, Sbp: 140 dbp: 60																						
<b>ANC Visit</b>	1,																						
<b>Obstetric History</b>	-Gravida 3 Para 2 -2 delivered pregnancies -2 baby count , first pregnancy <table border="1" data-bbox="574 1360 1484 1927"> <thead> <tr> <th colspan="2">First Delivery (1<sup>st</sup> and 2<sup>nd</sup> baby (First Pregnancy)</th></tr> </thead> <tbody> <tr> <td><b>Year of Birth</b></td><td>2002</td></tr> <tr> <td><b>Place of delivery</b></td><td>Health facility</td></tr> <tr> <td><b>Gestation</b></td><td>9 months</td></tr> <tr> <td><b>Method of Delivery</b></td><td>Caesarean section</td></tr> <tr> <td><b>Condition at Birth</b></td><td>Alive</td></tr> <tr> <th colspan="2">Second Delivery (Third Baby)</th></tr> <tr> <td><b>Year of Birth</b></td><td>2006</td></tr> <tr> <td><b>Place of Birth</b></td><td>TBA</td></tr> <tr> <td><b>Gestation</b></td><td>8 months</td></tr> <tr> <td><b>Method of Delivery</b></td><td>Spontaneous Vaginal Delivery</td></tr> </tbody> </table>	First Delivery (1 <sup>st</sup> and 2 <sup>nd</sup> baby (First Pregnancy)		<b>Year of Birth</b>	2002	<b>Place of delivery</b>	Health facility	<b>Gestation</b>	9 months	<b>Method of Delivery</b>	Caesarean section	<b>Condition at Birth</b>	Alive	Second Delivery (Third Baby)		<b>Year of Birth</b>	2006	<b>Place of Birth</b>	TBA	<b>Gestation</b>	8 months	<b>Method of Delivery</b>	Spontaneous Vaginal Delivery
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<b>Place of delivery</b>	Health facility																						
<b>Gestation</b>	9 months																						
<b>Method of Delivery</b>	Caesarean section																						
<b>Condition at Birth</b>	Alive																						
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<b>Place of Birth</b>	TBA																						
<b>Gestation</b>	8 months																						
<b>Method of Delivery</b>	Spontaneous Vaginal Delivery																						

	<b>Condition at Birth</b>	Alive
	<b>Alive Now</b>	No
	<b>Age at Death</b>	1 day
<b>Medical History</b>	No past Medical complications	
<b>Surgical History</b>	Fistula Repair, 2007	
<b>Social History</b>	-	
<b>Lab Investigations</b>	HIV +, tested one year ago	
<b>Current Pregnancy</b>	Last Menstrual Period (LMP) 20 weeks Bed net given, 3 TTV vaccination in the past)	
<b>ANC examination</b>	Baby presentation: Ball, No danger sign Ultrasound done Diagnosis : None	
<b>Next Visit (Gestation)</b>	20-24 weeks	
<b>Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg, NVP Syrup	
<b>PMTCT visit</b>	-Guardian available (Spouse) -Transfer in -Initiated at St Gabriel's Mission Hospital -Last ARV D4T/3TC/NVP, last taken on 15 <sup>th</sup> , January, 2014 -HIV staging: CD4count less than or equal to 500 -Initial CD4count: =480 -Initial Height: 156cm Initial Weight: 63.9kgs -Change prescription from 1A to 5A for 1 Month	

## SCENARIO 6

From ANC Clinic First Registration to PMTC drug Dispensation ( HIV Positive woman)		
<b>Demographic Registration</b>	....., Born in April, 1980, Date unknown, Malawian from Mzimba, staying in current District.	
<b>Prescription</b>	TTV given today	
<b>Vitals</b>	(Weight: 63.0 Kgs), (Height:157cm), sbp: 110, dbp:60	
<b>ANC Visit</b>	1	
<b>Obstetric History</b>	-Gravida 4, Para 3  -First delivery (2 babies) (1 <sup>st</sup> and 2 <sup>nd</sup> born)	
	<b>Year of birth</b>	1999

	<b>Place of Delivery</b>	Health facility
	<b>Gestation</b>	9 months
	<b>Method of delivery</b>	Spontaneous vaginal Delivery
	<b>Condition at Birth</b>	Alive
	<b>Birth weight</b>	Average
	<b>Alive Now</b>	Yes
	<b>-Second Delivery</b>	
	<b>Year of birth</b>	2002
	<b>Place of Delivery</b>	TBA
	<b>Gestation</b>	9months
	<b>Method of delivery</b>	Breech
	<b>Condition at Birth</b>	Fresh MSB
	<b>Birth weight</b>	-
	<b>Alive Now</b>	-
	<b>-Third Delivery</b>	
	<b>Year of birth</b>	2007
	<b>Place of Delivery</b>	Health facility
	<b>Gestation</b>	9 months
	<b>Method of delivery</b>	Vacuum Extraction Delivery
	<b>Condition at Birth</b>	Alive
	<b>Birth weight</b>	Above 4 kg
	<b>Alive Now</b>	Yes
<b>Medical History</b>	Previous complications: Blood Transfusion Medical Complications: Hemorrhage	
<b>Surgical History</b>	MVA, 2002, Biopsy: 2006	
<b>Lab Investigations</b>	HIV + done, 2017, February. (a year and some months before)	
<b>Current Pregnancy</b>	4 months ago). 4 TTV given before.	
<b>ANC examination</b>	-Presentation: Cephalic, Left Occipital Anterior	

	-Position : Vertex, Left Occipital Anterior -Fatal heart heard Ultrasound done Diagnosis: None
<b>Next Visit (Gestation)</b>	28-32 Weeks
<b>ANC Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg.
<b>PMTCT</b>	-Guardian not Present -Transfer in from MPC with ARV number. -No staging Information available -Initiated at Martin P reuse Centre - Initial weight and height (63.0kgs , 157cm -Allergic to surfer -Dispense 5A for 1 Month -Assign ARV Number -Print demographics and Status at ART Initiation, Visit summer and affix on Electronic Master card

## SCENARIO 7

Follow up visit-	
<b>Demographic registration</b>	First Visit-(3 months before) Patient name: ..... Year of Birth, 1989, Unknown month of birth.
<b>Prescription</b>	TTV not given today
<b>Vitals</b>	Weight/Height: weight: 49.4kg, Sbp: 119 dbp: 70
<b>ANC Visit</b>	2
<b>Lab Investigations</b>	HIV -, Syphilis test done (-)
<b>Current Pregnancy</b>	Last Menstrual Period (LMP) 15/12/2013 (1½ months before), Previous TTV dose: 2

<b>ANC examination</b>	Baby presentation: Cephalic, No danger sign Ultrasound scan : Not done Diagnosis: None
<b>Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg

## SCENARIO 8

Follow up visit-	
<b>Demographic registration</b>	First Visit- (2 months before) Patient name: ..... Year of Birth, 1989, Unknown month of birth.
<b>Prescription</b>	TTV not given today
<b>Vitals</b>	Weight/Height: weight: 49.4kg, Sbp: 119 dbp: 70
<b>ANC Visit</b>	3
<b>Lab Investigations</b>	HIV -, Syphilis test done (-)
<b>Current Pregnancy</b>	Last Menstrual Period (LMP) - 1½ months before, Previous TTV dose: 2
<b>ANC examination</b>	-Baby presentation: Cephalic> Right Occipital Anterior -Position: Vertex> Left Occipital Anterior, Fetal heart :felt
<b>Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Sp
<b>Edit record</b>	*Void lab results, record lab results again, HIV -, Malaria + * Reprint patient's history, National Id and Visit summery

## SCENARIO 9

Follow up patient. (Fist Visit)	
<b>Demographic registration</b>	First Visit-20 <sup>th</sup> March, 2018 (5 months before) Patient name: ..... Year of Birth, 1989, Unknown month of birth.
<b>Prescription</b>	TTV not given today
<b>Vitals</b>	Weight/Height: weight: 69.5kg, 160cm, Sbp: 110 dbp: 70
<b>ANC Visit</b>	Visit 1 gravida 1
<b>Lab Investigations</b>	HIV +
<b>Current Pregnancy</b>	Last Menstrual Period (LMP) 2 Months ago before, Previous TTV dose: 0; Planned place of Delivery; Adventist Hospital
<b>ANC examination</b>	-Baby presentation: Nill palpable -Fundus weeks: 8 -Gestation at next Visit: 28 weeks



	Ultrasound not done Diagnosis : None
<b>Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Sp, Albendazole
<b>Edit record</b>	*Void lab results, record lab results again, HIV -, Malaria + * Reprint patient's history, National Id and Visit summary
<b>PMTCT</b>	-Guardian not present. - New registration. -69.5kg -No symptoms during clinic visit. -Prescribe 5A for 1 month. -Assign ARV number -Print Patient Demographics and Status at ART initiation and fix on the master-card.

<b>2<sup>nd</sup> Visit</b>	
<b>Prescription</b>	TTV not given today
<b>Vitals</b>	Weight/Height: weight: 69.5kg, Sbp: 110 dbp: 70
<b>ANC Visit</b>	Visit 2
<b>Lab Investigations</b>	Malaria -
<b>ANC examination</b>	-Baby presentation: Cephalic> Left Occipital Anterior -Position> Breech -Fetal heartbeat heard - Ultrasound done
<b>Treatment</b>	Ferrous Sulphate + Folic acid 450mg, Sp, Albendazole
<b>PMTCT</b>	-Guardian not present. - New registration. -No symptoms during clinic visit. -Prescribe 5A for 2 months. -Clinic related symptoms- Vomiting -Print Patient Demographics and Status at ART initiation and fix on the master card.

## SCENARIO 10

ANC MOCK CLINIC (10 WORKSTATIONS)			
Station	User Group	Tasks to be selected	Number of Clients to be seen
1	Registration Clerks (two stations)	-Registration -TTV Vaccination -Reports	12 (6 each)
2	Vitals Clerk (two stations)	BP, Weight and Height, TTV Vaccination, Reports	12 (6 each)
3	ANC Consultation Station (4 stations)	-all ANC tasks except PMTCT	12 (3 each)_1, HIV positive on each station.
4	PMTCT consultation (2 stations)	All activities	4 (2 each)
ADMINISTRATIVE TASKS			
	Item	Activities	Status
1	<b>View Reports</b>	Go through: Booking Cohort Monthly report (Go through each and every indicator	
2	<b>My Preferences</b>	*Change user name and password *Change user activities.	
3	<b>Add drug sets</b>	*Common Prescribed drugs.	
5	<b>Workstation</b>	*Parts of a -	

		touchscreen computer. -Printer -Scanner <b>*Connecting          devices</b>	
6	<b>Common System Problems</b>	<b>*Application not          displayed</b> <b>*Extremely slow          response.</b> <b>*Run time error.</b> <b>*Printer, scanner not          working</b> -description -possible causes -Solutions	