**ANC\_3 LEARNING SCENARIOS**

**SCENARIO 1**

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

**SCENARIO 2**

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| **From ANC Clinic first registration to Drug dispensing** | |
| **Demographic registration** | Patient name: …..........., Year of Birth: Unknown, Estimate age 30 |
| **Prescription** | TTV given today |
| **Vitals** | Weight: 69.5kg, Height 156cm, Sbp: 140 dbp: 95 |
| **ANC Visit Number** | 2, |
| **Obstetric History** | Gravida 1, |
| **Medical History** | No past Medical complications |
| **Surgical History** | None |
| **Social History** | Doesn't smoke nor take alcohol, Married, Christian |
| **Lab Investigations** | Currently Tested HIV negative, Syphilis test done found Positive, Hb tested |
| **Current Pregnancy** | -Last Menstrual Period (LMP) 8 weeks  -Bed net given,  1 TTV vaccination in the past)  -Plans to deliver baby at Mangochi District Hospital |
| **ANC examination** | Baby presentation: Nill Palpable, No danger sign  Ultrasound Not done  Diagnosis: Anaemia |
| **Next Visit (Gestation)** | 20-24 weeks |
| **Treatment** | SP 3 tablets, Ferrous Sulphate + Folic acid 450mg. |

**SCENARIO 3**

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| **From ANC Clinic First Registration to PMTC drug Dispensation ( HIV Positive woman)** | |
| **Demographic Registration** | Name…............, 36 years old, Mozambican |
| **Prescription** | TTV given today |
| **Vitals** | (Weight: 120kg), (Height:157cm), sbp: 110, dbp:60 |
| **ANC Visit** | 1 |
| **Obstetric History** | -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 |
| **Medical History** | Previous complications: Hemorrhage:APH, Medical Complications: None |
| **Surgical History** | None |
| **Lab Investigations** | HIV + done today |
| **Current Pregnancy** | LMP, 24 weeks |
| **ANC examination** | -Presentation: Nill palpable  -Position : Ultrasound No  Diagnosis : Extensive Warts |
| **Next Visit (Gestation)** | 24-28 Weeks |
| **ANC Treatment** | Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg, NVP Syrup |
| **PMTCT** | -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**

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| **From ANC Clinic first registration to Drug dispensing (ANC and PMTCT, HIV +)** | |
| **Demographic registration** | Patient name: ….......... Date of birth: 3 August, 1988 |
| **Prescription** | TTV given today |
| **Vitals** | Weight/Height: weight: 53.9kg, Height 156cm, Sbp: 120 dbp: 60 |
| **ANC Visit** | 1, |
| **Obstetric History** | -Gravida 5-  - Para 0   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Abortion | Year | Place | Type of abortion | Procedure done | Gestation (Months | | 1st | 2007 | Health facility | Complete Abortion | MVA | 2 | | 2nd | 2008 | Home | Incomplete Abortion | Evacuation | 3 | | 3rd | 2008 | Other | Complete Abortion |  | 1 | | 4th | 2010 | Health facility | Complete | MVA | 2 | |
| **Medical History** | Blood Transfusion |
| **Surgical History** | None |
| **Social History** | Takes alcohol |
| **Lab Investigations** | HIV + |
| **Current Pregnancy** | Last Menstrual Period (LMP) 16 weeks before |
| **ANC examination** | Baby presentation: Ball, No danger sign, Ultrasound done  Diagnosis: Pre-eclampsia |
| **Next Visit (Gestation)** | 20-24 weeks |
| **Treatment** | Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg, NVP Syrup |
| **PMTCT** | -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**

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| **From ANC Clinic first registration to Drug dispensing** | |
| **Demographic registration** | Patient name: …......... , Date of birth: April 4 1965 |
| **Prescription** | TTV not given today |
| **Vitals** | Weight/Height: weight: 69.5kg, Height 156cm, Sbp: 140 dbp: 60 |
| **ANC Visit** | 1, |
| **Obstetric History** | -Gravida 3 Para 2  -2 delivered pregnancies  -2 baby count , first pregnancy   |  |  | | --- | --- | | **First Delivery (1st and 2nd baby (First Pregnancy)** | | | **Year of Birth** | 2002 | | **Place of delivery** | Health facility | | **Gestation** | 9 months | | **Method of Delivery** | Caesarean section | | **Condition at Birth** | Alive | | **Second Delivery (Third Baby)** | | | **Year of Birth** | 2006 | | **Place of Birth** | TBA | | **Gestation** | 8 months | | **Method of Delivery** | Spontaneous Vaginal Delivery | | **Condition at Birth** | Alive | | **Alive Now** | No | | **Age at Death** | 1 day | |
| **Medical History** | No past Medical complications |
| **Surgical History** | Fistula Repair, 2007 |
| **Social History** | - |
| **Lab Investigations** | HIV +, tested one year ago |
| **Current Pregnancy** | Last Menstrual Period (LMP) 20 weeks Bed net given, 3 TTV vaccination in the past) |
| **ANC examination** | Baby presentation: Ball, No danger sign Ultrasound done  Diagnosis : None |
| **Next Visit (Gestation)** | 20-24 weeks |
| **Treatment** | Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg, NVP Syrup |
| **PMTCT visit** | -Guardian available (Spouse)  -Transfer in  -Initiated at St Gabriel's Mission Hospital  -Last ARV D4T/3TC/NVP, last taken on 15th, 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**

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| **From ANC Clinic First Registration to PMTC drug Dispensation ( HIV Positive woman)** | |
| **Demographic Registration** | …............, Born in April, 1980, Date unknown, Malawian from Mzimba, staying in current District. |
| **Prescription** | TTV given today |
| **Vitals** | (Weight: 63.0 Kgs), (Height:157cm), sbp: 110, dbp:60 |
| **ANC Visit** | 1 |
| **Obstetric History** | -Gravida 4, Para 3  -**First delivery (2 babies) (1st and 2nd born)**   |  |  | | --- | --- | | **Year of birth** | 1999 | | **Place of Delivery** | Health facility | | **Gestation** | 9 months | | **Method of delivery** | Spontaneous vaginal Delivery | | **Condition at Birth** | Alive | | **Birth weight** | Average | | **Alive Now** | Yes |   **-Second Delivery**   |  |  | | --- | --- | | **Year of birth** | 2002 | | **Place of Delivery** | TBA | | **Gestation** | 9months | | **Method of delivery** | Breech | | **Condition at Birth** | Fresh MSB | | **Birth weight** | - | | **Alive Now** | - |   **-Third Delivery**   |  |  | | --- | --- | | **Year of birth** | 2007 | | **Place of Delivery** | Health facility | | **Gestation** | 9 months | | **Method of delivery** | Vacuum Extraction Delivery | | **Condition at Birth** | Alive | | **Birth weight** | Above 4 kg | | **Alive Now** | Yes | |
| **Medical History** | Previous complications: Blood Transfusion Medical Complications: Hemorrhage |
| **Surgical History** | MVA, 2002, Biopsy: 2006 |
| **Lab Investigations** | HIV + done, 2017, February. (a year and some months before) |
| **Current Pregnancy** | 4 months ago). 4 TTV given before. |
| **ANC examination** | -Presentation: Cephalic, Left Occipital Anterior  -Position : Vertex, Left Occipital Anterior  -Fatal heart heard  Ultrasound done  Diagnosis: None |
| **Next Visit (Gestation)** | 28-32 Weeks |
| **ANC Treatment** | Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg. |
| **PMTCT** | -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**

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| **Follow up visit-** | |
| **Demographic registration** | First Visit-(3 **months before)**  Patient name: ….... Year of Birth, 1989, Unknown month of birth. |
| **Prescription** | TTV not given today |
| **Vitals** | Weight/Height: weight: 49.4kg, Sbp: 119 dbp: 70 |
| **ANC Visit** | 2 |
| **Lab Investigations** | HIV -, Syphilis test done (-) |
| **Current Pregnancy** | Last Menstrual Period (LMP) 15/12/2013 (1½ months before), Previous TTV dose: 2 |
| **ANC examination** | Baby presentation: Cephalic, No danger sign  Ultrasound scan : Not done  Diagnosis: None |
| **Treatment** | Ferrous Sulphate + Folic acid 450mg, Albendazole 400mg |

**SCENARIO 8**

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

**SCENARIO 9**

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| **Follow up patient. (Fist Visit)** | |
| **Demographic registration** | First Visit-20th March, 2018 (5 **months before)**  Patient name: ….... Year of Birth, 1989, Unknown month of birth. |
| **Prescription** | TTV not given today |
| **Vitals** | Weight/Height: weight: 69.5kg, 160cm, Sbp: 110 dbp: 70 |
| **ANC Visit** | Visit 1 gravida 1 |
| **Lab Investigations** | HIV + |
| **Current Pregnancy** | Last Menstrual Period (LMP) 2 Months ago before, Previous TTV dose: 0; Planned place of Delivery; Adventist Hospital |
| **ANC examination** | -Baby presentation: Nill palpable  -Fundus weeks: 8  -Gestation at next Visit: 28 weeks  Ultrasound not done  Diagnosis : None |
| **Treatment** | Ferrous Sulphate + Folic acid 450mg, Sp, Albendazole |
| **Edit record** | \*Void lab results, record lab results again, HIV -, Malaria +  \* Reprint patient's history, National Id and Visit summery |
| **PMTCT** | -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. |

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| **2nd Visit** | |
| **Prescription** | TTV not given today |
| **Vitals** | Weight/Height: weight: 69.5kg, Sbp: 110 dbp: 70 |
| **ANC Visit** | Visit 2 |
| **Lab Investigations** | Malaria - |
| **ANC examination** | -Baby presentation: Cephalic> Left Occipital Anterior  -Position> Breech  -Fetal heartbeat heard  - Ultrasound done |
| **Treatment** | Ferrous Sulphate + Folic acid 450mg, Sp, Albendazole |
| **PMTCT** | -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. |
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**SCENARIO 10**

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| **ANC MOCK CLINIC (10 WORKSTATIONS)** | | | |
| **Station** | **User Group** | **Tasks to be selected** | **Number of Clients to be seen 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) |
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| **ADMINISTRATIVE TASKS** | | | |
|  | **Item** | **Activities** | **Status** |
| 1 | **View Reports** | Go through:  Booking Cohort  Monthly report (Go through each and every indicator |  |
| 2 | **My Preferences** | \*Change user name and password  \*Change user activities. |  |
| 3 | **Add drug sets** | \*Common Prescribed drugs. |  |
| 5 | **Workstation** | \***Parts of a** -touchscreen computer.  -Printer  -Scanner  **\*Connecting devices** |  |
| 6 | **Common System Problems** | \***Application not displayed**  **\*Extremely slow response.**  **\*Run time error.**  **\*Printer, scanner not working**  -description  -possible causes  -Solutions |  |