**Attachment 9**

**MMP Medical Record Abstraction Data Elements**

**Medical Monitoring Project**

**0920-0740**

**MMP 2015 MEDICAL RECORD ABSTRACTION DATA ELEMENTS**

**DEMOGRAPHICS**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| absid\_mra | Abstractor ID | Abstractor ID |
| facid\_mra\* | Facility ID: (Eight digits: Project Area + facility ID) | Facility ID |
| facloc\_mra\* | Facility Location | Facility Location |
| rwfund\_mra | Does facility receive Ryan White funding | Ryan White Funded Facility |
| spstart\_mra | Start of Observation | Surveillance period start date |
| spend\_mra | End of Observation | Surveillance period end date |
| death\_mra | Did the participant die during the 2 year observation period? | Patient died |
| dobmo\_mra | Date of birth (Month) | Date of birth (Month) |
| dobyr\_mra | Date of birth (Year) | Date of birth (Year) |
| gender\_mra | Gender | Gender |
| racend\_mra | Not documented | Race not documented |
| aian\_mra | American Indian/Alaska Native | Race American Indian/Alaska Native |
| asian\_mra | Asian | Race Asian |
| black\_mra | Black/African American | Race Black/African American |
| nhpi\_mra | Native Hawaiian/Other Pacific Islander | Race native Hawaiian/other Pacific Islander |
| white\_mra | White | Race White |
| ethnic\_mra | Hispanic/Latino ethnicity or Spanish origin: | Hispanic/Latino ethnicity or Spanish Origin |
| reimbnd\_mra | Not documented | Insurance not documented |
| reimbadap\_mra | AIDS Drug Assistance Program (ADAP) | Insurance ADAP |
| reimbmc\_mra | Medicare | Insurance Medicare |
| reimbmd\_mra | Medicaid | Insurance Medicaid |
| reimbrw\_mra | Ryan White | Insurance Ryan White |
| reimbtri\_mra | Tricare or Champus | Insurance Tricare or Champus |
| reimbva\_mra | Veterans administration coverage | Insurance VA coverage |
| reimbpvt\_mra | Private insurance | Private insurance |
| reimbsp\_mra | None/self-pay | Insurance none/self-pay |
| reimbpub\_mra | City, County, State or other publicly funded | Insurance city, county, state, publicly funded |
| reimboth\_mra | Other insurance  | Other insurance  |
| reimbothde\_mra | Other insurance description | Other insurance description |
| hivdateyn\_mra | Is the date of first HIV diagnosis documented in the medical record? | Date of HIV diagnosis documented  |
| firsthiv\_mra | Date of first HIV diagnosis | Date of HIV diagnosis |
| \_firsthiv\_ind\_mra |   | Date of HIV diagnosis indicator |
| cd4lowest\_mra | Lowest CD4 count since HIV diagnosis | Lowest CD4 count  |
| cd4lowestd\_nd\_mra | Date of lowest CD4 count not documented | Date of lowest CD4 count not documented |
| cd4lowestd\_mra | Date of lowest CD4 count | Date of lowest CD4 count |
| \_cd4lowestd\_ind\_mra |   | Date of lowest CD4 count indicator |
| cd4lowestsrc\_mra | What is the source of the lowest CD4 count? |  Source of lowest CD4 count  |
| dthdatend\_mra | Date of death not documented | Date of death not documented |
| dthdate\_mra | Date of death | Date of death |
| \_dthdate\_ind\_mra |   | Date of death indicator |

**ENCOUNTERS**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| vis\_date\_mra | Encounter date | Outpatient encounter date |
| visitloc\_mra | Where did the encounter take place? | Place of medical encounter |
| visitprv\_mra | With whom did the encounter take place? | Person with whom medical encounter occurred |
| hivprvyn\_mra | Did the encounter take place with a known HIV provider? | Encounter with known HIV provider |
| oprvyn\_mra | Did the encounter take place with a non-HIV provider? | Encounter with non-HIV provider |
| oprvtyp\_mra | If yes, specify provider type | Non-HIV provider type |
| othprvothde\_mra | Other provider description | Other non-HIV provider description |
| vital\_mra | Were any vital signs documented during the encounter? | Vital signs documented during encounter |
| physf\_mra | One or more physical exam findings documented during visit encounter | Physical exam documented during encounter |
| arvrx\_mra | Antiretroviral therapy prescribed, refilled or continued during visit encounter | ARVs prescribed, refilled or continued during encounter |
| weightnd\_mra | Weight not documented | Weight not documented |
| weight\_mra | Weight | Weight |
| weightunit\_mra | Weight units | Weight units |
| heightnd\_mra | Height not documented | Height not documented |
| height\_ft\_mra | Height (feet) | Height (feet) |
| height\_in\_mra | Height (inches) | Height (inches) |
| bpnd\_mra | Blood pressure not documented | Blood pressure not documented |
| bpsys\_mra | Systolic blood pressure (mmHg) | Systolic blood pressure  |
| bpdia\_mra | Diastolic blood pressure (mmHg) | Diastolic blood pressure  |

**HOSPITALIZATION**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| hospyn\_mra | Was the patient hospitalized during the observation period? | Participant hospitalized |
| inpadmitnd\_mra | Inpatient admission date not documented | Inpatient admission date not documented |
| inpadmit\_mra | Inpatient admission date | Inpatient admission date |
| \_inpadmit\_ind\_mra |  | Inpatient admission date indicator |
| inpdischnd\_mra | Inpatient discharge date not documented | Inpatient discharge date not documented |
| inpdisch\_mra | Inpatient discharge date | Inpatient discharge date |
| \_inpdisch\_ind\_mra |   | Inpatient discharge date indicator |
| inpdiag\_mra | Diagnosis | Discharge Diagnosis |
| inpdiagothde\_mra | Diagnosis other description | Other discharge diagnosis description |
| \_inpdiagrt\_mra |   | Diagnosis root code |
| \_inpnum\_mra |   | Hospitalization number |

**DIAGNOSES**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| dxrefsoo\_mra | Beginning of month 1 (start of observation period) | Beginning of month 1 (start of observation period) |
| dxref7mo\_mra | Beginning of month 7 | Beginning of month 7 |
| dxref13mo\_mra | Beginning of month 13 | Beginning of month 13 |
| dxref19mo\_mra | Beginning of month 19 | Beginning of month 19 |
| dxrefeoo\_mra | End of month 24 (end of observation period) | End of month 24 (end of observation period) |
| dx\_mra | Diagnosis | Diagnosis |
| dxothde\_mra | Other description | Diagnosis Other description |
| \_dxrt\_mra |   | Diagnosis root code |
| \_coddx\_mra | Diagnosis at death | From COD file |
| \_diagdx\_mra | Diagnosis from Diagnosis file | From Diagnosis file |
| dx6mobs\_mra | Started or ongoing in first 6 months | Diagnosis first 6 months |
| dx12mobs\_mra | Started or ongoing 7-12 months | Diagnosis 7-12 months |
| dx18mobs\_mra | Started or ongoing 13-18 months | Diagnosis 13-18 months |
| dx24mobs\_mra | Started or ongoing 19-24 months | Diagnosis 19-24 months |
| dthcodsrc\_mra | Source of cause of death information | Source of cause of death info |
| codsrcothde\_mra | Specify other source: | Other source of cause of death info |

**MEDICATIONS**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| txrefsoo\_mra | Beginning of month 1 (start of observation period) | Beginning of month 1 (start of observation period) |
| txref7mo\_mra | Beginning of month 7 | Beginning of month 7 |
| txref13mo\_mra | Beginning of month 13 | Beginning of month 13 |
| txref19mo\_mra | Beginning of month 19 | Beginning of month 19 |
| txrefeoo\_mra | End of month 24 (end of observation period) | End of month 24 (end of observation period) |
| tx\_mra | Medication | Medication |
| txothde\_mra | Other medication description | Other medication description |
| \_txrt\_mra |   | Medication root code |
| txroute\_mra | Medication route | Medication route |
| txrouteoth\_mra | Other route description | Other medication route description |
| txfreq\_mra | Frequency (for ARVs only) | ARV Frequency |
| txfreqothde\_mra | Other ARV frequency description Other frequency (specify) | Other ARV frequency description  |
| tx6mobs\_mra | Started or ongoing in first 6 months | Medication first 6 months |
| tx12mobs\_mra | Started or ongoing 7-12 months | Medication 7-12 months |
| tx18mobs\_mra | Started or ongoing 13-18 months | Medication 13-18 months |
| tx24mobs\_mra | Started or ongoing 19-24 months | Medication 19-24 months |

**PROPHYLAXIS**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| macrefsoo\_mra | Beginning of month 1 (start of observation period) | MAC start of observation period |
| macref7mo\_mra | Beginning of month 7 | MAC beginning of month 7 |
| macref13mo\_mra | Beginning of month 13 | MAC beginning of month 13 |
| macref19mo\_mra | Beginning of month 19 | MAC beginning of month 19 |
| macrefeoo\_mra | End of month 24 (end of observation period) | MAC end of month 24  |
| macpx\_mra | MAC prophylaxis administered? | MAC prophylaxis administered? |
| macpxtx\_mra | MAC medication | MAC medication |
| macpxtxothde\_mra | Other description |  MAC medication other description |
| mac6mobs\_mra | Started or ongoing in first 6 months | MAC Started or ongoing in first 6 months |
| mac12mobs\_mra | Started or ongoing 7-12 months | MAC Started or ongoing 7-12 months |
| mac18mobs\_mra | Started or ongoing 13-18 months | MAC Started or ongoing 13-18 months |
| mac24mobs\_mra | Started or ongoing 19-24 months | MAC Started or ongoing 19-24 months |
| pcprefsoo\_mra | Beginning of month 1 (start of observation period) | PCP start of observation period |
| pcpref7mo\_mra | Beginning of month 7 | PCP beginning of month 7 |
| pcpref13mo\_mra | Beginning of month 13 | PCP beginning of month 13 |
| pcpref19mo\_mra | Beginning of month 19 | PCP beginning of month 19 |
| pcprefeoo\_mra | End of month 24 (end of observation period) | PCP end of month 24  |
| pcppx\_mra | PCP prophylaxis administered? | PCP prophylaxis administered? |
| pcppxtx\_mra | PCP medication | PCP medication |
| pcppxtxothde\_mra | Other description | PCP medication other description |
| pcp6mobs\_mra | Started or ongoing in first 6 months | PCP Started or ongoing in first 6 months |
| pcp12mobs\_mra | Started or ongoing 7-12 months | PCP Started or ongoing 7-12 months |
| pcp18mobs\_mra | Started or ongoing 13-18 months | PCP Started or ongoing 13-18 months |
| pcp24mobs\_mra | Started or ongoing 19-24 months | PCP Started or ongoing 19-24 months |
| flurefsoo\_mra | Start of observation period | Flu start of observation period |
| flurefyr2\_mra | Beginning of year 2 | Flu beginning of year 2 |
| flurefeoo\_mra | End of observation period | Flu end of observation period |
| flupx\_mra | Influenza vaccination administered? | Influenza vaccination administered? |
| fluyr1\_mra | Administered during first year of obs period? | Flu vaccine administered year 1 |
| fludate1\_mra | If yes, what date was the influenza vaccine administered in year 1 of the observation period? | Flu vaccine date year 1 |
| \_fludate1\_ind\_mra |   | Flu vaccine date year 1 indicator |
| fluyr2\_mra | Administered during second year of obs period? | Flu vaccine administered year 2 |
| fludate2\_mra | If yes, what date was the influenza vaccine administered in year 2 of the observation period? | Flu vaccine date year 2  |
| \_fludate2\_ind\_mra |   | Flu vaccine date year 2 indicator |

**PROCEDURE**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| procdate\_mra | Date of procedure | Date of procedure |
| \_procdate\_ind\_mra |   | Date of procedure indicator |
| proc\_mra | Procedure | Procedure |
| procothde\_mra | Specify details | Procedure other details |

**PREGNANCY**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| prg\_mra | Pregnant during observation period? | Pregnant  |
| prg\_num\_mra | Number of pregnancies during observation period | Number of pregnancies  |
| prg\_out\_mra | Outcome of pregnancy: | Outcome of pregnancy: |
| prgdatend\_mra | Date of pregnancy outcome not documented | Date of pregnancy outcome not documented |
| prgdate\_mra | Date of pregnancy outcome | Date of pregnancy outcome |
| prgdate\_ind\_mra |   | Date of pregnancy outcome indicator |
| prg\_meth\_mra | Delivery method | Delivery method |

**LABS**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID | Participant ID |
| \_SITEID\_mra |   | Site ID |
| hivlab\_date\_mra | Collection date | HIV lab date |
| cd4\_result\_mra | CD4 count result | CD4 result |
| cd4\_unit\_mra | CD4 count units | CD4 units |
| cd4\_unoth\_mra | Other description | CD4 other units |
| cd4pct\_result\_mra | CD4% result | CD4% Result |
| viral\_load\_sign\_mra | Viral load sign | Viral load sign |
| viral\_load\_mra | Viral load result | Viral load result |
| viral\_load\_unit\_mra | Viral load units | Viral load units |
| viral\_load\_unoth\_mra | If other, specify | Viral load other units |
| viral\_load\_LL\_mra | Lower limit of test | Viral load lower limit |
| viral\_load\_LL\_oth\_mra | If other, specify | Viral load other lower limit |
| viral\_load\_UL\_mra | Upper limit of test | Viral load upper limit |
| viral\_load\_UL\_oth\_mra | If other, specify | Viral load other upper limit |
| cbc\_date\_mra | Collection date | CBC lab date |
| wbc\_res\_mra | Result | WBC result |
| wbc\_unit\_mra | Units | WBC units |
| wbc\_unoth\_mra | Description of other units | WBC other units |
| hgb\_res\_mra | Result | Hemoglobin result |
| hgb\_unit\_mra | Units | Hemoglobin units |
| hgb\_unoth\_mra | Description of other units | Hemoglobin other units |
| plt\_res\_mra | Result | Platelets result |
| plt\_unit\_mra | Units | Platelets units |
| plt\_unoth\_mra | Description of other units | Platelets other units |
| mvc\_res\_mra | Result (fL) | MCV result |
| neut\_res\_mra | Result | Neutrophils result |
| neut\_unit\_mra | Units | Neutrophils units |
| neut\_unoth\_mra | Description of other units | Neutrophils other units |
| chem\_date\_mra | Collection date | Chemistry lab date |
| fasting\_lab\_mra | Fasting lab? | Chemistry fasting |
| glu\_res\_mra | Result | Glucose result |
| glu\_unit\_mra | Units | Glucose units |
| glu\_unoth\_mra | Description of other units | Glucose other units |
| creat\_res\_mra | Result | Creatinine result |
| creat\_unit\_mra | Units | Creatinine units |
| creat\_unoth\_mra | Description of other units | Creatinine other units |
| calc\_res\_mra | Result | Calcium result |
| calc\_unit\_mra | Units | Calcium units |
| calc\_uoth\_mra | Description of other units | Calcium other units |
| alb\_res\_mra | Result | Albumin result |
| alb\_unit\_mra | Units | Albumin units |
| alb\_unoth\_mra | Description of other units | Albumin other units |
| ast\_res\_mra | Result | AST (SGOT) result |
| ast\_unit\_mra | Units | AST (SGOT) units |
| ast\_unoth\_mra | Description of other units | AST (SGOT) other units |
| alt\_res\_mra | Result | ALT (SGPT) result |
| alt\_unit\_mra | Units | ALT (SGPT) units |
| alt\_unoth\_mra | Description of other units | ALT (SGPT) other units |
| tbili\_res\_mra | Result | Total bilirubin result |
| tbili\_unit\_mra | Units | Total bilirubin units |
| tbili\_unoth\_mra | Description of other units | Total bilirubin other units |
| othchem\_date\_mra | Collection date | Other chemistry lab date |
| hgba1c\_res\_mra | Result (%) | Hemoglobin A1c result |
| vitd\_res\_mra | Result | Vitamin D result |
| vitd\_unit\_mra | Units | Vitamin D units |
| vitd\_unoth\_mra | Description of other units | Vitamin D other units |
| pth\_res\_mra | Result | Parathyroid Hormone result |
| pth\_unit\_mra | Units | Parathyroid Hormone units |
| pth\_unoth\_mra | Description of other units | Parathyroid Hormone other units |
| inr\_res\_mra | Result | International Normalized Ratio |
| tsh\_res\_mra | Result | Thyroid stimulating hormone result |
| tsh\_unit\_mra | Units | Thyroid stimulating hormone units |
| tsh\_unoth\_mra | Description of other units | Thyroid stimulating hormone other units |
| ttest\_res\_mra | Result | Total testosterone result |
| ttest\_unit\_mra | Units | Total testosterone units |
| ttest\_unoth\_mra | Description of other units | Total testosterone other units |
| lipid\_date\_mra | Collection date | Lipid lab date |
| lipid\_fast\_mra | Fasting lab? | Lipid fasting |
| chol\_res\_mra | Result | Cholesterol result |
| chol\_unit\_mra | Units | Cholesterol units |
| chol\_unoth\_mra | Description of other units | Cholesterol other units |
| hdl\_res\_mra | Result | HDL Cholesterol result |
| hdl\_unit\_mra | Units | HDL Cholesterol units |
| hdl\_unoth\_mra | Description of other units | HDL Cholesterol other units |
| ldl\_res\_mra | Result | LDL Cholesterol result |
| ldl\_unit\_mra | Units | LDL Cholesterol units |
| ldl\_unoth\_mra | Description of other units | LDL Cholesterol other units |
| trig\_res\_mra | Result | Triglycerides result |
| trig\_unit\_mra | Units | Triglycerides units |
| trig\_unoth\_mra | Description of other units | Triglycerides other units |
| sero\_date\_mra | Collection date | Serology lab date |
| toxoab\_res\_mra | Toxoplasma IgG antibody result | Toxoplasmosis IgG result |
| hcv\_test\_mra | Test type | Hepatitis C test |
| hcv\_qlres\_mra | Qualitative test result | Hepatitis C qualitative result |
| hcv\_und\_mra | Quantitative viral load undetectable | Hepatitis C Viral load undetectable |
| hcv\_sign\_mra | Quantitative viral load sign | Hepatitis C Viral load sign |
| hcv\_qtres\_mra | Quantitative viral load result: | Hepatitis C Viral load result |
| hcv\_unit\_mra | Quantitative viral load units | Hepatitis C Viral load units |
| hcv\_unoth\_mra | Description of other units | Hepatitis C Viral load other units |
| hcv\_UL\_mra | Quantitative viral load test upper limit | Hepatitis C Viral load upper limit |
| hcv\_LL\_mra | Quantitative viral load test lower limit | Hepatitis C Viral load lower limit |
| hbv\_test\_mra | Test type | Hepatitis B test |
| hbv\_qlres\_mra | Qualitative test result | Hepatitis B qualitative result |
| hbv\_qtres\_mra | Viral load (DNA) result | Hepatitis B viral load result |
| hbv\_unit\_mra | Viral load (DNA) units | Hepatitis B viral load units |
| hbv\_unoth\_mra | Description of other units | Hepatitis B viral load units other |
| hbv\_UL\_mra | Viral load (DNA) upper limit | Hepatitis B viral load upper limit |
| hbv\_LL\_mra | Viral load (DNA) lower limit | Hepatitis B viral load lower limit |
| sti\_date\_mra | Specimen collection date | STI lab date |
| gc\_source\_mra | Source of specimen | Gonorrhea source |
| gc\_type\_mra | Test type | Gonorrhea test type |
| gc\_res\_mra | Result | Gonorrhea result |
| ct\_source\_mra | Source of specimen | Chlamydia source |
| ct\_type\_mra | Test type | Chlamydia test type |
| ct\_res\_mra | Result | Chlamydia result |
| syph\_source\_mra | Source of specimen | Syphilis source |
| syph\_type\_mra | Test type | Syphilis test type |
| syph\_res\_mra | Result | Syphilis result |
| syph\_titr\_mra | Titer result: 1:X | Syphilis titer 1:X |
| trich\_source\_mra | Source of specimen | Trichomonas source |
| trich\_type\_mra | Test type | Trichomonas test type |
| trich\_res\_mra | Result | Trichomonas result |
| os\_date\_mra | Screening date | Mammogram or Pap screening date |
| \_os\_date\_ind\_mra |   | Screening date indicator |
| mammo\_res\_mra | Mammogram result | Mammogram result |
| pap\_source\_mra | PAP source | Pap smear source |
| pap\_result\_mra | PAP result | Pap smear result |
| pap\_othde\_mra | Specify other PAP result  | Pap result other description |
| ppd\_yn\_mra | Was a PPD placed? | PPD placed |
| ppd\_read\_mra | Was the PPD read? | PPD read |
| ppd\_date\_mra | What date was the PPD read? | PPD reading date |
| ppd\_datend\_mra | Date not documented | PPD reading date not documented |
| ppd\_res\_mra | PPD result | PPD result |
| igra\_date\_mra | Specimen collection date | IGRA lab date |
| igra\_type\_mra | IGRA test type | IGRA test type |
| igra\_res\_mra | IGRA result | IGRA result |
| urine\_date\_mra | Collection date | Urine lab date |
| urine\_test\_mra | Urine test type | Urine test type |
| urine\_qt\_res\_mra | Urine test result | Urine quantitative result |
| urine\_unit\_mra | Urine test units | Urine units |
| uruint\_othde\_mra | Description of other units | Urine other units |
| uprotqual\_mra | Urine protein result (non-numeric) | Urine protein (qual) result |
| uproql\_othres\_mra | Description of other result | Urine protein (qual) other result |
| hct\_res\_mra^ | Result (%) | Hematocrit result |
| lymph\_res\_mra^ | Result | Lymphocytes result |
| monos\_res\_mra^ | Result | Monocytes result |
| eos\_res\_mra^ | Result | Eosinophils result |
| baso\_res\_mra^ | Result | Basophils result |
|  |  |  |

**RESISTANCE**

|  |  |  |
| --- | --- | --- |
| **Variable** | **Question** | **Label** |
| PARID | Participant ID |   |
| \_SITEID\_mra |   | Site ID |
| geno\_mra | Genotype or virtual phenotype performed? | Is genotype or virtual phenotype performed? |
| geno\_rpt\_mra | Is a genotype or virtual phenotype lab report available in the medical record? | Is genotype or virtual phenotype report available? |
| geno\_vpheno\_mra | Were the results obtained from a genotype or virtual phenotype? | Genotype or virtual phenotype |
| geno\_adq\_mra | Genotype Specimen adequate? | Genotype specimen adequate |
| geno\_date\_mra | Genotype collection date | Genotype collection date |
| geno\_nrti\_mra | NRTI mutations detected | NRTI mutations detected |
| geno\_nnrti\_mra | NNRTI mutations detected | NNRTI mutations detected |
| geno\_pi\_mra | PI mutations detected | PI mutations detected |
| geno\_in\_mra | Integrase mutations detected | Integrase mutations detected |
| geno\_en\_mra | GP41 Envelope mutations detected | GP41 envelope mutations detected |
| \_geno\_mut\_mra | Genotype mutations | Genotype mutation  |
| \_geno\_mutsrc\_mra |   | Genotype mutation source |
| pheno\_date\_mra | Phenotype collection date | Phenotype collection date |
| pheno\_mra | Was a standard phenotype performed (not a virtual phenotype)? | Phenotype performed |
| trofyn\_mra | Tropism assay performed | Tropism performed |
| trofrpt\_mra | Is Tropism assay lab report available in medical record for entry? | Tropism report available |
| trof\_date\_mra | Tropism assay collection date | Tropism collection date |
| trof\_rslt\_mra | Result | Tropism result |