

```

/*=====
| Covance Study Number      : 000000106343      |
| Program Name              : d_ADMH.sas         |
| Purpose                   : Create ADMH dataset |
| Input Data                : SDTM.MH SDTM.SV ADAM.ADSL |
|
| Output Data               : ADAM.ADMH          |
|
| Macros Called             : m_printto, m_logchk, m_attrib_adam |
| Originally Performed by   : kpothuri          |
| Date                     : 2April2015         |
|
|=====
| Modification History
|-----
| Modified by              :
| Modification Date       :
| Modification Description :
|=====+
options validvarname=upcase;

libname sdtm "/cvn/projects/prj/data/000000106343/datasets/sdtm/sdtmx";

%m_printto(route=YES);

*****;
* bring in ADSL, SV ;
*****;
data adsl;
  set adam.adsl;
  *keep usubjid subjid: siteid age sex: race DTHFL height weightb1 bmi ucpdgr: nicogr: targr:
  enrlfl scrffl EXFL EXNOTRFL ENFL COMPLFL FUPFL SAFFL FSAFFL FASFL PPROT: RANDFL TRT;;
  drop studyid;
run;

data SV;
  set sdtm.sv;
  where visitnum=1;
  SCRNDT=input(svstdtc,ymmdd10.);
  format SCRNDT date9.;
  keep usubjid SCRNDT;
run;

proc sort data=adsl; by usubjid; run;
proc sort data=sv; by usubjid; run;
data adsl_sv;
  merge adsl(in=a) sv;
  by usubjid;
  if a;
run;

*****;
* pick up MH ;
*****;
data mh1;
  set sdtm.mh;
  /*ASTDT*/
  if length(MHSTDTC)=10 then ASTDT=input(MHSTDTC,ymmdd10.);
  else if length(MHSTDTC)=7 then ASTDT=.;
  else if length(MHSTDTC)=4 then ASTDT=.;
  format ASTDT date9.;

  /*AENDT*/
  if length(MHENDTC)=10 then AENDT=input(MHENDTC,ymmdd10.);
  else if length(MHENDTC)=7 then AENDT=.;
  else if length(MHENDTC)=4 then AENDT=.;
  format AENDT date9.;

  /*MHONGFL*/
  if MHENRTPT = "ONGOING" then MHONGFL = "Y";
  else MHONGFL = "N";

  /*ANYCDFL*/
  if MHCAT = "CONCOMITANT DISEASE" then ANYCDFL = "Y";
  else ANYCDFL = "N";

  /*ANYMHFL*/

```

```

    if MHCAT = "MEDICAL HISTORY" then ANYMHFL = "Y";
    else ANYMHFL = "N";
run;

*****;
* Combine ADSL and EG data *;
*****;

data final;
  merge adsl_sv mh1(in=a);
  by usubjid;
  if a;

  /*ASTDAY*/
  if not missing (ASTDT) and not missing (TRTSDT) then ASTDAY = ASTDT - TRTSDT + 1;

  /*AENDAY*/
  if not missing (AENDT) and not missing (TRTSDT) then AENDAY = AENDT - TRTSDT + 1;

  /*TRT:*/
  TRTP=TRT01P;
  TRTPN=TRT01PN;
  TRTA=TRT01A;
  TRTAN=TRT01AN;
run;

*****;
* create output dataset ;
*****;

*options replace;

data ADMH (drop=/*MHSPID MHTERM */MHHLT/*MHDECOD MHLLT EPOCH MHENRTPT MHLGT */
rename=(/*MHSPID_=MHSPID MHTERM_=MHTERM MHLLT_=MHLLT MHDECOD_=MHDECOD */MHHLT_=MHHLT /*EPOCH_=EPOCH MHENRTPT_=MHENRTPT MHLGT_=MHLGT
T*/));
  set final;
  length /*MHSPID_ $2 MHTERM_ $98 MHLLT_ MHDECOD_*/ MHHLT_ $40/* EPOCH_ $9 MHENRTPT_ $7 MHLGT_ $86*/;
  /* MHSPID_=MHSPID;*/
  /* MHTERM_=MHTERM;*/
  /* MHLLT_=MHLLT;*/
  /* MHDECOD_=MHDECOD;*/
  MHHLT_=MHHLT;
  /* MHLGT_=MHLGT;*/
  /* EPOCH_=EPOCH;*/
  /* MHENRTPT_=MHENRTPT;*/
run;

%m_attrib_adam(dset=ADMH);

proc sort data=ADMH out=adam.ADMH(label = 'Medical History Analysis Dataset');
  by usubjid mhcatt mhbdsys mhdecod mhterm mhstdtc;
run;

*options noreplace;

*proc printto; *run;

%m_logchk;
```