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/*=====
=====*
```

```
| Covance Study Number   : 000000106331          |
| 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                   : 25March2015            |
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```
| Modification History          |
|-----|
```

```
| Modified by      :          |
| Modification Date :          |
| Modification Description :          |
```

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+=====
=====*/
```

```
options validvarname=upcase;
```

```
libname adam "&base2/datasets/adam/cleaned_adam";
```

```
libname sdtm "/cvn/projects/prj/data/000000106331/datasets/sdtm/sdtmx";
```

```
proc datasets lib=work nolist memtype=data kill; quit;
```

```
%m_printto(route=YES);
```

```
*****;
```

```
* bring in ADSL, SV ;
```

```
*****;
```

```
data adsl;
```

```
    set adam.adsl;
```

```
    drop studyid;
```

```
run;
```

```
data SV;
```

```
    set sdtm.sv;
```

```
    where visitnum=1;
```

```
    SCRNDT=input(svstdtc,yymmdd10.);
```

```
    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 ;

*****.

data ADMH;

        set final;

run;

%m_attrib_adam(dset=ADMH);

proc sort data=ADMH out=adam.ADMH(label = 'Medical History Analysis Dataset');

        by usubjid mhcat mhbodsys mhdecod mhterm mhstdtc;

run;

%m_logchk;
```