

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

Covance Study ID : COV-000000106331

Program Name : d_adsv.sas

Purpose : Program to ADSV dataset

Author : siva karnati

Date of Creation : 23MAR2015

Input Data : SDTM.SV,ADAM.ADSL

Output Data : ADAM.ADSV

Macros Called : m_printto,m_attrib_adam,m_logchk

```
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```

Modification History

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```

Modified by :

Modification Date :

Modification Description :

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

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

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

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

```
/* ADSL DATA */
```

```

DATA ADSL;

    SET ADAM.ADSL;

    KEEP STUDYID USUBJID SUBJID SUBJIDN SITEID AGE SEX SEXC SEXN RACE DTHFL HEIGHT
WEIGHTBL

    BMI UCPDGR1 UCPDGR1N NICOGR1 NICOGR1N TARGR1 TARGR1N ENRFL SCRFFL EXFL

    EXNOTRFL ENFL COMPLFL FUPFL FSAFBFL FSAFAFL SAFBFL SAFAFL FASFL PPROT1FL
PPROT2FL PPROT3FL

    PPROT4FL RANDFL TRTSDTM TRTSTMF TRTSDT TRTSDAY TRTEDTM TRTETMF TRTEDT
TRTEDAY

    ICFDT ICF01DTC ICF01DT ICF02DTC ICF02DT

    TRT01P TRT01PN TRT01A TRT01AN

;

RUN;

```

```

/* SV DATA*/

```

```

DATA SV;

    SET SDTM.SV;

    FORMAT ASTDT AENDT DATE9. AVISITN BEST. APERIOD 8. VIDONEFL $8. APERIODC
$10. AVISIT $40. ;

    IF SVSTDTC NE "" THEN DO;

        ASTDT=INPUT(SVSTDTC,YYMMDD10.);

        VIDONEFL="Y";

    END;

    ELSE VIDONEFL="Y";

```

```
IF SVENDTC NE "" THEN AENDT=INPUT(SVENDTC,YYMMDD10.);
```

```
AVISIT=STRIP(VISIT);
```

```
AVISITN=VISITNUM;
```

```
APERIOD=1;
```

```
APERIODC="Period 1";
```

```
KEEP USUBJID SVSTDTC SVSTDY SVENDTC SVENDY SVUPDES ASTDT AENDT VIDONEFL AVISIT:  
APERIOD: EPOCH ;
```

```
RUN;
```

```
/*COMBINING ADSL AND SV DATA*/
```

```
PROC SORT DATA=ADSL; BY USUBJID;RUN;
```

```
PROC SORT DATA=SV;BY USUBJID;RUN;
```

```
DATA ADSV;
```

```
    MERGE SV(IN=A) ADSL;
```

```
    BY USUBJID;
```

```
    IF A;
```

```
    FORMAT ASTDAY AENDAY TRTPN TRTAN 8. TRTP TRTA $40.;
```

```
    IF NMISS(TRTSDT,ASTDT)=0 THEN ASTDAY=ASTDT-TRTSDT+1;
```

```
    IF NMISS(TRTSDT,AENDT)=0 THEN AENDAY=AENDT-TRTSDT+1;
```

```
        TRTP=STRIP(TRT01P);
```

```
        TRTPN=TRT01PN;
```

```
TRTA=STRIP(TRT01A);
```

```
TRTAN=TRT01AN;
```

```
DROP TRT01.;
```

```
RUN;
```

```
%m_attrib_adam(dset=ADSV);
```

```
PROC SORT DATA=ADSV OUT=ADAM.ADSV(LABEL="Visit Incidence Analysis Dataset");
```

```
BY USUBJID AVISITN;
```

```
RUN;
```

```
proc compare base=adam.adSV compare=qadam.qadSV listall criterion=0.0000000000001;
```

```
run;
```

```
%m_logchk;
```