

/*-----

Covance Study ID : COV-000000106343

Program Name : t_demog_fas.sas

Purpose : table of demographics full analysis pop;

Author : cvn_pshe

Date of Creation : 8MAY015

Input Data : ADAM.ADSL, ADAM.ADVS, ADAM.ADQSND,

Output Data :

Macros Called :

Modification History

Modified by :

Modification Date :

Modification Description:

-----*/

proc datasets lib=work kill memtype=data nolist;

run;

%m_printto;

options notes nosource;

```
options mprint ;
```

```
options replace;
```

```
options notes source source2 nofullstimer validvarname=upcase missing=' ';
```

```
ods _all_ close;
```

```
ods listing;
```

```
*=====;
```

```
* START OF PROGRAM CODE ;
```

```
*=====;
```

```
%let tflno=T_15_02_01_04_02;
```

```
%let TFL_Part=%scan(&_SASPROGRAMFILE,-3,%str(/));
```

```
data _null_;
```

```
    tmp="&TFL_Part";
```

```
        if tmp not in ("dev" "qc") then call symput("TFL_Part", "prod");
```

```
        call symput('TFLpath', compress("&_SASPROGRAMFILE", ""));
```

```
        call symput('TFLprg',reverse(scan(strip(reverse(compress("&_SASPROGRAMFILE", ""))),1,"/")));
```

```
run;
```

```
*****,
```

```
* read in data ;
```

```

*****;

data adsl_all;

    set adam.adsl;

        if prodpref='THS 2.2 menthol' then prodprefgrn=1;

        else if prodpref='mCC' then prodprefgrn=2;

    else if prodpref='SA' then prodprefgrn=3;

        else if prodpref='No preference' then prodprefgrn=4;

    run;

```

```

data allpp;

    set adsl_all(where=(fasfl='Y' and trt01an ne 98));

    format trta $40.;

    trta='Overfas';

    trtan=9;

    output;

run;

```

/*Find the number of people in each treatment sequence for table headers*/

```

data adsl;

    set adsl_all(where=(fasfl='Y' and trt01an ne 98));

    format trta $40.;

    trta=trt01a;

    trtan=trt01an;

run;

```

```
data adsl1;  
    set adsl allpp;  
run;
```

```
proc sort data=adsl1;  
    by usubjid trta trtan;  
run;
```

```
proc freq data=adsl1 noprint;  
    tables trta*trtan / out=adsltots(where=(not missing(trtan)) drop=percent);  
run;
```

```
data dummy;  
    format trta $40.;  
    trta='THS 2.2';  
    trtan=1;  
    output;  
    trta='CC';  
    trtan=2;  
    output;  
    trta='SA';  
    trtan=3;  
    output;  
    trta='Overfas';
```

```
trtan=9;  
output;  
run;
```

```
proc sort data=adsltots;  
    by trtan trta;  
run;
```

```
proc sort data=dummy;  
    by trtan trta;  
run;
```

```
data adsltots2;  
    merge adsltots dummy;  
    by trtan trta;  
    if count=. then count=0;  
run;
```

```
data tot2a;  
    set adsltots2;  
    rename count=total;  
    call symput('trt' || strip(put(trtan,best.)),strip(put(count,best.)));  
run;
```

```
proc sort data=tot2a;
```

```

    by trtan trta;

run;

/* Obtaining data for body wt and vswc and FTND and QS */

data vs_wc;

    set adam.advs(where=(paramcd='WSTCIR' and fasfl='Y' and trtan ne 98 and avisit='Day -2'));

    rename aval=wcw avalc=wcc;

    keep usubjid aval avalc trta trtan;

run;

proc sort data=vs_wc nodupkey ;

    by usubjid trtan trta;

run;

data vs_wt;

    set adam.advs(where=(paramcd='WEIGHT' and fasfl='Y' and trtan ne 98 and avisit='Day -2'));

    rename aval=bwtn avalc=bwtc;

    keep usubjid aval avalc trta trtan;

run;

proc sort data=vs_wt nodupkey ;

    by usubjid trtan trta;

run;

data adqsndfsc (keep=usubjid ftcac ftcacn fscn fscn trta trtan );

```

```

length ftcats $30;

set adam.adqsnd (where=(paramcd='FTNDSC' and avisit='Screening' and fasfl='Y' and trtan ne 98));

        rename aval=fscn avalc=fsc;

        if avalcat1='Mild' then do;

ftcatn=1;

                ftcats='Mild';

                end;

        else if avalcat1='Moderate' then do;

ftcatn=2;

                ftcats='Moderate';

                end;

        else if avalcat1='Severe' then do;

                ftcats='Severe';

                end;

run;

proc sort data=adqsndfsc nodupkey;

    by usubjid trtan trta;

run;

data adqsndsesq1 (keep=usubjid sesq1c sesq1n trta trtan );

length sesq1c $30;

set adam.adqsnd(where=(paramcd='QSESEA' and fasfl='Y' and trtan ne 98));

        if aval=1 then do

```

```

        sesq1n=1;

                                sesq1c='Low';

    end;

    else if aval=2 then do

        sesq1n=2;

                                sesq1c='Moderate';

    end;

    else if aval in (3 4 5) then do

        sesq1n=3;

                                sesq1c='High';

    end;

run;


proc sort data=adqsndsesq1 nodupkey;

    by usubjid trtan trta;

run;


data adqsndsesq2 (keep=usubjid sesq2c sesq2n trta trtan);

    length sesq2c $30;

    set adam.adqsnd(where=(paramcd='QSESAHI' and fasfl='Y' and trtan ne 98));

        if avalcat1='Low' then do; sesq2n=1; sesq2c='Low'; end;

                                else if avalcat1='Moderate' then do; sesq2n=2; sesq2c='Moderate' ;

    end;

                                else if avalcat1='High' then do; sesq2n=3; sesq2c='High'; end;

run;

```



```
proc sort data=adqsndsesq2 nodupkey;
```

```
  by usubjid trtan trta;
```

```
run;
```

```
data adqsndsesq3 (keep=usubjid sesq3c sesq3n trta trtan);
```

```
  length sesq3c $30;
```

```
  set adam.adqsnd(where=(paramcd='QSESCPU' and fasfl='Y' and trtan ne 98));
```

```
          sesq3n=aval;
```

```
          sesq3c=propcase(avalcat1);
```

```
run;
```

```
proc sort data=adqsndsesq3 nodupkey;
```

```
  by usubjid trtan trta;
```

```
run;
```

```
data allparm;
```

```
  merge adqsndfsc vs_wt vs_wc adqsndsesq1 adqsndsesq2 adqsndsesq3;
```

```
  by usubjid trtan trta;
```

```
run;
```

```
data allparm;
```

```
  set allparm;
```

```
          output;
```

```
          trta='Overfas';
```

```
  trtan=9;
```

```

                                output;

run;

proc sort data= allparm;
    by usubjid trtan trta;
run;

proc sort data=adsl1;
    by usubjid trtan trta;
run;

data adslall;
    merge adsl1 allparm;
    by usubjid trtan trta;
/*                                race=propcase(race);*/
run;

proc sort data=adslall nodupkey;
    by usubjid trtan trta;
run;

/*Macro for all the class variables*/;

%macro _class(var1=, var2=, dout1=, dout2=, var=, num=);

proc freq data=adslall noprint;

```

```

table trtan*trta*&var1*&var2 / out =&dout1(drop=percent);

run;

data &dout2._1;

    merge &dout1 tot2a(where=(total ne 0));

    by trtan trta;

    if nmiss (count, total) =0 then percent=count/total*100; /*This works out the percentages*/

run;

data &dout2;

    set &dout2._1;

    format var $200. stat $20. svar $20.;

    order=&num;

var=strip(&var2);

    stat='n (%)';

    if percent=100 then svar = strip(put(count,best.)) || ' ' || '(' || strip(put(percent,5.)) || ' ');

    if 10<=percent<100 then svar = strip(put(count,best.)) || ' ' || '('
|| strip(put(round(percent,0.1),5.1)) || ' ';

    if 0<= percent<10 then svar = strip(put(count,best.)) || ' ' || '('
|| strip(put(round(percent,0.1),5.1)) || ' ';

run;

proc sort data=&dout2 ; by order &var1 var stat; run;

proc transpose data=&dout2 out=&dout2._2 prefix=t;

    by order &var1 var stat;

```

```
var svar;  
id trtan;  
run;
```

/*Dummy will add a blank line, only the variable name for TFLs will be presented*/

```
data dummy;  
format var $200. stat $20.;  
var="&var";  
stat=' '  
order=&num;  
  
%if &num=3 %then %do;  
output;  
  
var='WHITE';  
stat='n (%)';  
output;  
var='BLACK OR AFRICAN AMERICAN';  
stat='n  
(%)';  
output;  
var='AMERICAN INDIAN OR ALASKA NATIVE';  
stat='n  
(%)';  
output;  
var='ASIAN';
```

```

output;

var='NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER';

stat='n
(%)';

output;

var='OTHER';

stat='n
(%)';

output;

var='';

stat='n
(%)';

output;

%end;

%if &num=602 %then %do;

output;

var='Underweight';

stat='n (%)';

output;

var='Normal weight';

stat='n (%)';

output;

var='Overweight';

stat='n (%)';

output;

var='Obese';

```

```

stat='n (%)';
output;

var=";
stat='n

(%)';
output;
%end;

%if &num=902 %then %do;

output;

var='Mild';
stat='n (%)';
output;
var='Moderate';
stat='n (%)';
output;
var='Severe';
stat='n (%)';
output;

var=";
stat='n

(%)';
output;
%end;

%if &num = 11 | &num = 12 | &num =
13 %then %do;

output;

```

```

var='Low';

stat='n (%)';

output;

var='Moderate';

stat='n (%)';

output;

var='High';

stat='n (%)';

output;

var=";

stat='n

(%)';

output;

var=";

stat='n

(%)';

output;

%end;

run;

%if &num = 3 | &num = 902 | &num = 602 | &num = 11 | &num = 12 | &num = 13 %then %do;

proc sort data=&dout2._2;

by var;

run;

```

```

proc sort data=dummy;

    by var;

run;

%end;

/*Combine the dummy and the datasets with actual data*/

    data all&num.;

        format var $200. stat $20.;

        %if &num = 3 | &num = 602 | &num = 902 | &num = 11 | &num = 12 | &num = 13
%then %do; merge dummy &dout2._2 (drop=order stat) ; %end; %else %do; set dummy &dout2._2;
%end;

        %if &num = 3 | &num = 602 | &num = 902 | &num = 11 | &num = 12 | &num = 13 %then %do;

            by var;

        %end;

%IF &NUM=1 %THEN %DO;

    IF VAR='Male' THEN SORT=1;

    ELSE IF VAR='Female' THEN SORT=2;

%END;

                                %if &num=3 %then %do;

                                    if var='WHITE' then do; var='White';

sort=1;end;

                                else if var='BLACK OR AFRICAN AMERICAN' then do; var='Black or African American'; sort=2; end;

                                else if var='AMERICAN INDIAN OR ALASKA NATIVE' then do; var='American Indian or Alaska
Native'; sort=3; end;

```


else if
var='ASIAN' then do; var='Asian'; sort=4; end;

else if
var='NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER' then do; var='Native Hawaiian or Other Pacific Islander'; sort=5; end;

else if
var='OTHER' then do; var='Other'; sort=6; end;
else if var=' ' then do; var='Missing'; sort=7; end;

%end;

%IF &NUM=8 %THEN %DO;

IF VAR='10-19 cig/day' THEN SORT=1;

ELSE IF VAR='>19 cig/day' THEN SORT=2;

else if var=' ' then do; var='Missing'; sort=3; end;

%END;

%if &num=602 %then %do;

if var='Underweight' then sort=1;

else if var='Normal weight' then sort=2;

else if var='Overweight' then sort=3;

else if var='Obese' then sort=4;

else if
var=' ' then do; var='Missing'; sort=5; end;

%end;

%if &num=10 %then %do;

if var='THS 2.2 menthol' then sort=1;

else if var='mCC' then sort=2;

```

        else if var='SA' then sort=3;

        else if var='No preference' then sort=4;

else if
var=' ' then do; var='Missing'; sort=5; end;

        %end;

        %if &num=902 %then %do;

            if var='Mild' then sort=1;

            else if var='Moderate' then sort=2;

            else if var='Severe' then sort=3;

else if
var=' ' then do;

            var='Missing';

            sort=4;

end;

        %end;

        %if &num=11 | &num=12 | &num=13
%then %do;

            if var='Low' then sort=1;

            else if var='Moderate' then sort=2;

            else if var='High' then sort=3;

            else if var=' ' then do; var='Missing'; sort=4;

end;

        %end;

        drop &var1;

run;

```

```

proc sort data=all&num.;

    by sort;

run;

%mend _class;

%_class(var1=sexn, var2=sexc, dout1=sex, dout2=sex2, var=Sex, num=1);

%_class(var1=racen, var2=race, dout1=race, dout2=race2, var=Race, num=3);

%_class(var1=bmigr1n, var2=bmigr1, dout1=bmiclass, dout2=bmiclass2, var=%str(BMI (kg/m{\super
2})),num=602);

%_class(var1=ucpdgr1n, var2=ucpdgr1, dout1=ccconsum, dout2=ccconsum2, var=Cigarette
consumption,num=8);

%_class(var1=ftcatn, var2=ftcat, dout1=ftsc1, dout2=ftsc2, var=FTND score,num=902);

%_class(var1=prodprefgrn, var2=prodpref, dout1=prodpref, dout2=prodpref2, var=Individual product
preference, num=10);

%_class(var1=sesq1n, var2=sesq1c, dout1=sesq1, dout2=sesq12, var=%str(Day 4 SES Questionnaire
SES educational attainment), num=11);

%_class(var1=sesq2n, var2=sesq2c, dout1=sesq2, dout2=sesq22, var=%str(SES annual household
income), num=12);

%_class(var1=sesq3n, var2=sesq3c, dout1=sesq3, dout2=sesq32, var=%str(SES Composite), num=13);

/*End of macro for all the class variables*/

/*get data for continuous avriables*/

data adslall1;

    set adslall;

```

```
    if nmiss(height)=0 then height2=height/100;  
run;
```

```
proc sort data=adslall1;  
    by trtan trta;  
run;
```

```
proc means data=adslall1 noprint;  
    by trtan trta;  
    var age height2 bwtb bmi fscn wcn; /*Make sure all variables in the split macro are here too*/  
    output out=stats;  
    output out=median median=;  
run;
```

```
data stats1;  
    set stats median(in=in2);  
    if in2 then _stat_ = 'MEDIAN';  
    rename _stat_ = _name_;  
run;
```

```
data stats2;  
    set stats1;  
    format stat $20.;  
    if _name_='N' then order2=1001;  
    if _name_='MEAN' then order2=1002;
```

```

        if _name_='STD' then order2=1003;

        if _name_='MEDIAN' then order2=1004;

        if _name_='MIN' then order2=1005;

        if _name_='MAX' then order2=1006;


if _name_ eq 'STD' then stat='SD';

else if _name_ eq 'N' then stat='n';

else stat=propcase(_name_);

run;


%macro split(set=,num=,var=,stat=,units=,dp=);

    data &set;

        format stat $20. svar $20.;

    set stats2(keep=trtan trta order2 stat &var);

    order=&num;


                                %if &num=2 or &num=7 or &num=9 %then %do;

        if order2=1003 and &var ^=. then svar=compress(put(0.01*ceil(&var/0.01),8.2));

        else if order2=1001 then svar=compress(put(&var,8.));

        else if order2=1002 or order2=1004 then svar=compress(put(&var,8.%eval(&dp+1)));

        else svar=compress(put(&var,8.&dp));

    %end;

    %if &num=6 or &num=4 %then %do;

        if order2=1003 and &var ^=. then svar=compress(put(0.001*ceil(&var/0.001),8.3));

```

```

else if order2=1001 then svar=compress(put(&var,8.));

else if order2=1002 or order2=1004 then svar=compress(put(&var,8.%eval(&dp+1)));

else svar=compress(put(&var,8.&dp));

%end;

%if &num=5 %then %do;

    if order2=1003 and &var ^=. then svar=compress(put(0.0001*ceil(&var/0.0001),8.4));

    else if order2=1001 then svar=compress(put(&var,8.));

    else if order2=1002 or order2=1004 then svar=compress(put(&var,8.%eval(&dp+1)));

    else svar=compress(put(&var,8.&dp));

%end;

run;

```

/*Combine meand and SD*/

```

data meansd&num;

    set &set(keep=trtan trta stat order2 svar &var);

    where stat in('Mean' 'SD'); /*Only keep mean and SD as this is all we want here*/

run;

```

```

proc sort data=meansd&num; by trtan trta; run;

```

```

proc transpose data=meansd&num out=meansd&num.a prefix=m;

    by trtan trta;

    id order2;

    var svar;

```

```
run;
```

```
data meansd&num.b;
```

```
format stat $20. svar $20.;
```

```
set meansd&num.a;
```

```
svar=left(compress(m1002)) || ' (' || left(compress(m1003)) || ')';
```

```
stat='Mean (SD)';
```

```
order2=1002;
```

```
order=&num;
```

```
drop m1002 m1003;
```

```
run;
```

```
/*End of combining mean and SD*/
```

```
/*Combine Min and Max*/
```

```
data minmax&num;
```

```
set &set(keep=trtan trta stat order2 svar &var);
```

```
where stat in('Min' 'Max'); /*Only keep min and max as this is all we want here*/
```

```
run;
```

```
proc sort data=minmax&num; by trtan trta; run;
```

```
proc transpose data=minmax&num out=minmax&num.a prefix=m;
```

```
by trtan trta;
```

```
id order2;
```

```
var svar;
```

```
run;
```

```
data minmax&num.b;
```

```
    format stat $20. svar $20.;
```

```
    set minmax&num.a;
```

```
    svar=left(compress(m1005)) || ', ' || left(compress(m1006));
```

```
    stat='Min, Max';
```

```
    order2=1005;
```

```
    order=&num;
```

```
    drop m1005 m1006;
```

```
run;
```

```
/*End of combining min and max*/
```

```
/*Combine the new datasets which have Min, Max and Mean (SD)*/
```

```
data minmaxmeansd;
```

```
    set minmax&num.b meansd&num.b;
```

```
run;
```

```
/*Add these new datasets to the original dataset, deleting individual min, max, mean and SD*/
```

```
data comb&set;
```

```
    set &set(where=(order2 not in(1002 1003 1005 1006))) minmaxmeansd;
```

```
run;
```

```
proc sort data= comb&set; by order order2 stat; run;
```



```
/*Transpose the data by treatment sequence*/
```

```
proc transpose data=comb&set out=trans&set prefix=t;  
    by order order2 stat;  
    var svar;  
    id trtan;  
  
run;
```

```
/*This dummy will add in line with only the variable name to present in the TFLs*/
```

```
data dummy;  
  
    format var $200. stat $20.;  
    var="&stat (&units)";  
    stat="n";  
    order=&num;  
    ORDER2=1001;  
  
run;
```

```
PROC SORT DATA=DUMMY; BY ORDER ORDER2 STAT; RUN;
```

```
PROC SORT DATA=trans&set; BY ORDER ORDER2 STAT; RUN;
```

```
/*Add the dummy to the transposed dataset*/
```

```
data all&num.;  
  
    format var $200. stat $20.;  
  
    MERGE dummy trans&set;  
  
    BY ORDER ORDER2 STAT;  
  
run;
```

```

proc sort data=all&num.; by order2; run;

%mend split;

%split(set=age, num=2, var=age, stat=Age, units=years, dp=0);
%split(set=weight, num=4, var=bwtn, stat=Weight, units=kg, dp=1);
%split(set=height, num=5, var=height2, stat=Height, units=m, dp=2);
%split(set=bmi, num=6, var=bmi, stat=BMI, units=kg/m2, dp=1);
%split(set=wc, num=7, var=wc, stat=Waist circumference, units=cm, dp=0);
%split(set=fscn, num=9, var=fscn, stat=FTND score, dp=0);

/*End of macro for continuous variables*/

/*Combine all the dataets which have been made from the macros and make any
formatting changes*/

data combined;

set all1 all2 all3 all4 all5 all6 all602 all7 all8 all9 all902 all10 all11 all12 all13;

if (order=9) and index(var,'()') then var=tranwrd(var,'(',')');

else if order=902 then order=9.2;

else if order=602 then order=6.2;

if var="Missing" and t3="" and t4="" and t5="" and t9=""

then delete;

run;

proc sort data=combined nodupkey;

by order sort order2;

```

```
run;
```

```
data combined;
```

```
set combined;
```

```
if order in (6.2) and var ne ' ' and stat ='' then delete; *delete the txtra bank line;
```

```
if order = . then delete;
```

```
array prod [4] t3 t4 t5 t9;
```

```
do i=1 to 4;
```

```
if not missing(stat) and missing(prod[i]) then prod[i]='0';
```

```
end;
```

```
run;
```

```
** Output dataset**;
```

```
proc sql noprint;
```

```
create table tflds.&tflno as
```

```
select var, stat, t3 as SA, t4 as THSm2_2, t5 as mCC, t9 as Overall_FAS
```

```
from combined
```

```
order by order, order2, sort;
```

```
quit;
```

```
data combined;
```

```
set combined;
```

```
if stat ='n (%)' then var = "$R"\li360 "" || trim(left(var));
```

```
run;
```

```
data paging;
```

```
set combined;
```

```
by order order2 sort;
```

```
if order in (1 2) then page =1;
```

```
else if order in (3 4) then page =2;
```

```
else if order in (5 6 6.2) then page =3;
```

```
else if order in (7 8) then page =4;
```

```
else if order in (9 9.2) then page =5;
```

```
else if order in (10 11) then page =6;
```

```
else if order in (12 13) then page =7;
```

```
call symput("page",compress(put(page,best.)));
```

```
var=tranwrd(var, 'YEN', 'yen');
```

```
flag=1;
```

```
run;
```

```
* Output table*;
```

```
options number nodate orientation=landscape papersize=Letter missing=' ';
```

```
ods escapechar='$';
```

```
%let linetop = \brdrt\brdrs\brdrw30; * needs to be 1.5pt so calculated in twips (1/20 pt) ;
```

```
%let linebot = \brdrb\brdrs\brdrw30;
```

```
%macro outrtf(blankn=, halfbInk=);
```

```

%if &halfblnk=N %then %let halfblnk=;

%else %if &halfblnk=Y %then %let halfblnk=~;


ods path stdlib.t106343 (read) ;

ods results off;

ods rtf toc_data/* contents*/
file="/cvn/projects/prj/data/000000106343/TFL/&TFL_Part./Tables/&tflno..rtf" style=t106343
startpage=yes headery=1440 footery=1440 ;

ods noproctitle;

%do i=1 %to &page;


title ;

footnote;

ods proclabel = ' ';


data comp;

    set paging end=eof;

        where page=&i;


/* Amend title as needed */

    _firtitl="Table 15.2.1.4.2 Summary of Demographics and Other Baseline Characteristics - FAS";


    _upcas=(length("Path: &TFLpath.")-
length(compress("Path:&TFLpath.",'ABCDEFGHIJKLMNOPQRSTUVWXYZ')))/2;

    len=&blankn.-length("(Page &i of &page)");

        if eof then do;

```

```

call symput('_FSRTITL', trim(left(_firtitl)));

call symput('_blankn', compress(put(len,best.)));

end;

drop _firtitl _upcas len;

run;

* most set up in template others below;

* title arial 12pt bold with 12pt paragraph space below;

* all headers to be arial 11pt bold;

* data arial 10pt;

* headers to be central, text values left aligned and numeric centered around decimal point;

ods listing close;

proc report data = comp headline headskip nowd split = '#' /*ps = 60 ls = 120*/%if &i=1 %then %do;
contents=' ' %end; %else %do; contents=" %end;;

column flag page order var stat t4 t5 t3 t9;

define flag / order order = internal noprint;

define page / order order = internal noprint;

define order / order order = internal noprint;

define var / display "$R'\li360\fi-360 Variable" style={just=l cellwidth=3.5cm}
style(header)={just=left};

define stat / display "Statistic" style={just=l cellwidth=1.1cm} style(header)={just=left};

define t3 / display "SA#(N=&trt3)" style={just=c cellwidth=2.1cm };

define t4 / display "THSm2.2#(N=&trt4)" style={just=c cellwidth=2.1cm };

define t5 / display "mCC#(N=&trt5)" style={just=c cellwidth=2.1cm };

```

```
define t9      / display "Overall# FAS#(N=&trt9)" style={just=c cellwidth=2.1cm };
```

```
break before flag / page
```

```
    %if &i=1 %then %do; contents="&_fsrtitl" %end;
```

```
    %else %do; contents=" " %end;;
```

```
break after page / page;
```

```
compute after order;
```

```
    line " ";
```

```
endcomp;
```

```
compute before page / style={protectspecialchars=off};;
```

```
    line "&linetop";
```

```
endcomp;
```

```
compute before _page_ / style={just=left protectspecialchars=off};
```

```
    line "\b\fs24\sa24&_FSRTITL." ; * \b = bold, \fs24 is font size 12pt, \sa24 is space after 12pt;
```

```
        line " ";
```

```
        line "&linebot";
```

```
endcomp;
```

```
compute after _page_ / style={just=left protectspecialchars=off pretext="&linetop."};
```

```
    line "Note: Height at Screening and body weight and waist circumference at Admission (Day -2) are  
used.";
```

```
line 'Note: mCC = Menthol conventional cigarettes; SA = Smoking abstinence; THSm2.2 =  
Tobacco Heating System 2.2 Menthol.';
```

```
line "Note: BMI = Body Mass Index; FTND = Fagerstrom Test for Nicotine Dependence, SES = Socio-  
Economic Status.";
```

```
line ' ';
```

```
line "Appendix 15.3.1.5, 15.3.1.7, 15.3.1.11, 15.3.6.12, and 15.3.6.13";
```

```
line "Study ID:ZRHM-REXA-08-US Program:&TFLprg Status: &status" &_blankn.*"\~\~"  
"&sysdate" &_blankn.*"\~\~" "(Page &i of &page)";
```

```
endcomp;
```

```
run;
```

```
%end;
```

```
ods rtf close;
```

```
ods results on;
```

```
ods path sashelp.tmplmst (read);
```

```
%mend ;
```

```
%outrtf(blankn=36, halfblk=N);
```

```
options noreplace;
```

```
ods listing close;
```

```
proc printto ; run;
```

```
%m_logchk;
```


*=====;

* END OF PROGRAM CODE ;

*=====;