

/*=====

*Covance Study ID : 000000106343

*Program Name : t_cohb_pp.sas

*Purpose : Descriptive Statistics of Blood COHb (%) - PP Set

Table 15.2.4.1.1

*Input Data : adam.adsl, ADAM.adbx

*Output Data : tflds.T_15_02_04_01_01, tflds.T_15_02_04_01_01_F

*Macros Called : %m_printto, %m_logchk, %fmmeans, %mmeans, %trt, %mfinp, %outrtf

*Programmed by : L.Ma

*Creation Date : 2015-05-14

*== Modification History =====

*Date Initials No. Reason;

=====/;

options notes nosource;

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

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

ods _all_ close;

ods listing;

%m_printto;

*=====

*** Creating dataset for figures ***

*=====;

*Figure programmer asked the variable list: param paramn paramcd avalu trtpn trtp apuper apuperc
avisitn avisit atptn atpt lclm uclm mean;

data adbx1_f;

set adam.adbx;

where anl02fl='Y' AND PARCAT1 = 'BIOMARKERS' AND PARAM = 'COHb (%)' AND LBSPEC =
'BLOOD';

if ablfl='Y' then avisit='Baseline';

run;

%macro fmmeans(prd=, class=, var=, out=);

/*Bring in data from ADBX for Exhaled CO - PP set per Mock*/

data adbx_f;

set adbx1_f;

where &prd.;

if aval ne 0 and aval ne . then logaval=log(aval);

/*According to QCer/Figure programmer Keep Baseline data only one (when atpt="DAY 0 -
20:00 - 21:30"). */

if avisit='Baseline' and atpt='DAY -1 - 20:00 - 21:30' then delete;

*per Figure programmer phone call on 16Jul2015: keep baseline record only for period 1 and make the missing value of apuperc/apuper to period 1/1;

```
if apuperc="" then apuperc='Period 1';
```

```
if apuper=. then apuper=1;
```

```
run;
```

*proc mean need Geometric Mean part for figures;

```
proc means data=adbx_f noprint nway;
```

```
var &var.;
```

```
class &class.;
```

```
output out=rs_f mean=mean1 lclm=lci1 uclm=uci1;
```

```
run;
```

```
data &out.;
```

```
set rs_f;
```

```
gmean1=exp(mean1);
```

```
mean=round(gmean1,0.01);
```

```
glci=exp(lci1);
```

```
guci=exp(uci1);
```

```
if not missing(glci) then lclm=0.01*floor(glci/0.01);
```

```
if not missing(guci) then uclm=0.01*ceil(guci/0.01);
```

```
keep param paramn paramcd avalu trtpn trtp apuper apuperc avisitn avisit atptn atpt lclm uclm  
mean;
```

```
run;
```

```

proc sort data=&out.;

    by paramn trtpn avisitn avisit atptn;

run;

%mend fmmeans;

%fmmeans(prd=(PPROT1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4' 'Day 5')),
class=param paramn paramcd avalu trtpn trtp apuper apuperc avisitn avisit atptn atpt, var=logaval,
out=out_p1_f);

%fmmeans(prd=(PPROT2FL='Y' and avisit in ('Day 30')), class=param paramn paramcd avalu trtpn trtp
apuper apuperc avisitn avisit atptn atpt, var=logaval, out=out_p2_f);

%fmmeans(prd=(PPROT3FL='Y' and avisit in ('Day 60')), class=param paramn paramcd avalu trtpn trtp
apuper apuperc avisitn avisit atptn atpt, var=logaval, out=out_p3_f);

%fmmeans(prd=(PPROT4FL='Y' and avisit in ('Day 90')), class=param paramn paramcd avalu trtpn trtp
apuper apuperc avisitn avisit atptn atpt, var=logaval, out=out_p4_f);

data rs_f;

    set out_p1_f

        out_p2_f

        out_p3_f

        out_p4_f;

    keep param paramn paramcd avalu trtpn trtp apuper apuperc avisitn avisit atptn atpt lclm uclm
mean;

run;

/*output dataset for figures; */

data tflds.T_15_02_04_01_01_F(keep=param paramn paramcd avalu trtpn trtp apuper apuperc avisitn
avisit atptn atpt lclm uclm mean);

    set rs_f;

```

```
run;
```

```
*=====
```

```
*** for Table 15.2.4.1.1 ***
```

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

```
/*Macro to get N values from adam.adsl for column headers for randomized subjects by each period per  
Mock*/
```

```
%macro trt(pfl= );
```

```
    proc sql;
```

```
        %global trt1 trt2 trt3;
```

```
        select count(distinct usubjid) into: trt1 from adam.adsl(where=(trt01pn = 4 and &pfl.));
```

```
        select count(distinct usubjid) into: trt2 from adam.adsl(where=(trt01pn = 5 and &pfl.));
```

```
        select count(distinct usubjid) into: trt3 from adam.adsl(where=(trt01pn = 3 and &pfl.));
```

```
    quit;
```

```
%mend trt;
```

```
/*Bring in data from ADBX for Blood COHb*/
```

```
data adbx1;
```

```
    set adam.adbx;
```

```
    where anl02fl='Y' AND PARCAT1 = 'BIOMARKERS' AND PARAM = 'COHb (%)' AND LBSPEC =  
'BLOOD';
```

```

if ablfl='Y' then avisit='Baseline';

if          trtpn=4 then
    trt=1;
else if trtpn=5 then
    trt=2;
else if trtpn=3 then
    trt=3;

run;

/*macro for general mean stats(n mean std median min max Q25 Q75 lclm uclm)for each period per
mock;*/

%macro mmeans(pfl=, prd=, class=, var=, out=);

    /*get N values for column headers for each period*/

    %trt(pfl=&pfl.);

    /*Bring in data from ADBX for Blood COHb - PP Set for each period per Mock*/

    data adbx;

        set adbx1;

        where &prd.;

        /*Keep Baseline data in one obs. per 5/15/2015 JH email*/

        if avisit='Baseline' then

            do;

                avisitn=100;

                atpt="DAY 0 - 20:00 - 21:30";

```

```

                                atptn=1.00;

                                end;

run;

proc means data=adbx noprint nway;

    var &var.;

    class &class. trt;

    output out=results02 n=n1 mean=mean1 std=std1 median=median1 min=min1
max=max1 q1=q1 q3=q3 lclm=lci1 uclm=uci1;

run;

data results03;

    set results02;

    attrib meansd length=$20.

        minmax length=$20.

        n    length=$20.

        miss length=$20.

        median length=$20.

        quart aci length=$20.;

    n = left(compress(put(n1,8.)));

    *for <missing, n(> row;

    if trt=1 then

        do;

            *format missing cell to 0 per John email on 8-5-2015;

            if &trt1.=n1 then

```

```

        miss="0";

        else miss=strip(put((&trt1.-n1), 8.)) || ' (' || strip(put(((&trt1.-
n1)*100)/&trt1., 8.1)) || ")";

        end;

    else if trt=2 then

        do;

            if &trt2.=n1 then

                miss="0";

                else miss=strip(put((&trt2.-n1), 8.)) || ' (' || strip(put(((&trt2.-
n1)*100)/&trt2., 8.1)) || ")";

                end;

            else if trt=3 then

                do;

                    if &trt3.=n1 then

                        miss="0";

                        else miss=strip(put((&trt3.-n1), 8.)) || ' (' || strip(put(((&trt3.-
n1)*100)/&trt3., 8.1)) || ")";

                        end;

                end;

        end;

    if not missing(median1) then

        median = left(compress(put(round(median1,0.01),8.2)));

    if not missing(mean1) and not missing(std1) then

        meansd = left(compress(put(round(mean1,0.01),8.2))) || ' (' ||
left(compress(put(0.001*ceil(std1/0.001),8.3))) || ')';

    if not missing(min1) and not missing(max1) then

```



```

minmax = left(compress(put(min1,8.1))) || ', ' || left(compress(put(max1,8.1)));

if not missing(lci1) and not missing(uci1) then

    aci = strip(put(0.01*floor(lci1/0.01),8.2)) || ', ' ||
strip(put(0.01*ceil(uci1/0.01),8.2));

if not missing(q1) and not missing(q3) then

    quart = strip(strip(put(round(q1, 0.01),8.2)) || ', ' || strip(put(round(q3,
0.01),8.2)));

drop n1 mean1 std1 median1 min1 max1 q1 q3 uci1 lci1;

run;

proc transpose data=results03 out=&out prefix=r name=varname;

    by &class.;

    var n miss meansd median minmax aci quart;

    id trt;

run;

data &out.;

    set &out.;

    length stat $200;

if upcase(varname)='N' then

    do;

        statord=1;

        stat='n';

```

```
end;
```

```
if upcase(varname)='MISS' then
```

```
do;
```

```
    statord=2;
```

```
    stat='Missing, n (%)';
```

```
end;
```

```
if upcase(varname)='MEDIAN' then
```

```
do;
```

```
    statord=7;
```

```
    stat='Median';
```

```
end;
```

```
if upcase(varname)='QUART' then
```

```
do;
```

```
    statord=8;
```

```
    stat='Q25, Q75';
```

```
end;
```

```
if upcase(varname)='MINMAX' then
```

```
do;
```

```
    statord=9;
```

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

```
end;
```

```

        if upcase(varname)='MEANS' then
            do;
                statord=10;
                stat='Mean (SD)';
            end;

        if upcase(varname)='ACI' then
            do;
                statord=11;
                stat='95% CI of Mean';
            end;

run;

%mend mmeans;

%mmeans(pfl=(PPROT1FL='Y'), prd=(PPROT1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4'
'Day 5')), class=avisitn avisit atptn atpt, var=aval, out=out_p1);

%mmeans(pfl=(PPROT2FL='Y'), prd=(PPROT2FL='Y' and avisit in ('Baseline' 'Day 30')), class=avisitn avisit
atptn atpt, var=aval, out=out_p2);

%mmeans(pfl=(PPROT3FL='Y'), prd=(PPROT3FL='Y' and avisit in ('Baseline' 'Day 60')), class=avisitn avisit
atptn atpt, var=aval, out=out_p3);

%mmeans(pfl=(PPROT4FL='Y'), prd=(PPROT4FL='Y' and avisit in ('Baseline' 'Day 90')), class=avisitn avisit
atptn atpt, var=aval, out=out_p4);

%mmeans(pfl=(PPROT1FL='Y'), prd=(PPROT1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4'
'Day 5')), class=avisitn avisit atptn atpt, var=pchg, out=out_c1);

```

```
%mmeans(pfl=(PPROT2FL='Y'), prd=(PPROT2FL='Y' and avisit in ('Baseline' 'Day 30')), class=avisitn avisit  
atptn atpt, var=pchg, out=out_c2);
```

```
%mmeans(pfl=(PPROT3FL='Y'), prd=(PPROT3FL='Y' and avisit in ('Baseline' 'Day 60')), class=avisitn avisit  
atptn atpt, var=pchg, out=out_c3);
```

```
%mmeans(pfl=(PPROT4FL='Y'), prd=(PPROT4FL='Y' and avisit in ('Baseline' 'Day 90')), class=avisitn avisit  
atptn atpt, var=pchg, out=out_c4);
```

```
/*macro for Geometric Mean per mock;*/
```

```
%macro mmeans(prd=, class=, var=, out=);
```

```
    /*Bring in data from ADBX for Blood COHb - PP Set for each period per Mock*/
```

```
    data adbx;
```

```
        set adbx1;
```

```
        where &prd.;
```

```
    /*Keep Baseline data in one obs. per 5/15/2015 JH email*/
```

```
    if avisit='Baseline' then
```

```
        do;
```

```
            avisitn=100;
```

```
            atpt="DAY 0 - 20:00 - 21:30";
```

```
            atptn=1.00;
```

```
        end;
```

```
    if aval ne 0 and aval ne . then logaval=log(aval);
```

```
run;
```

```
proc means data=adbx noprint nway;
```

```
    var &var.;
```

```
    class &class. trt;
```

```

output out=results02 mean=mean std=std1 lclm=lci1 uclm=uci1;

run;

data results03;

    set results02;

    gmean1=exp(mean);

    gmean=left(compress(put(round(gmean1,0.01), 8.2)));

    gcv=compress(put(0.001*ceil((sqrt(exp(std1*std1)-1)*100)/0.001),8.3));

    glci=exp(lci1);

    guci=exp(uci1);

    if not missing(gcv) then

        gmeancv=left(trim(gmean)) || ' (' || left(trim(gcv))|| ')';

    else gmeancv=left(trim(gmean));

    if not missing(glci) and not missing(guci) then

        ci = strip(strip(put(0.01*floor(glci/0.01),8.2)) || ', ' ||
strip(put(0.01*ceil(guci/0.01),8.2)));

run;

proc transpose data=results03 out=&out. prefix=r name=varname;

    by &class;

    var gmeancv ci;

    id trt;

run;

```

```

data &out.;

    set &out.;

    length stat $200;


    if upcase(varname)='GMEANCV' then

        do;

            statord=5;

            stat='Geometric Mean (CV%)';

        end;


    if upcase(varname)='CI' then

        do;

            statord=6;

            stat='95% CI of Geometric Mean';

        end;

run;


%mend mmeans;


%mmeans(prd=(PPROT1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4' 'Day 5')),
class=avisitn avisit atptn atpt, var=logaval, out=out_g1);


%mmeans(prd=(PPROT2FL='Y' and avisit in ('Baseline' 'Day 30')), class=avisitn avisit atptn atpt,
var=logaval, out=out_g2);


%mmeans(prd=(PPROT3FL='Y' and avisit in ('Baseline' 'Day 60')), class=avisitn avisit atptn atpt,
var=logaval, out=out_g3);


%mmeans(prd=(PPROT4FL='Y' and avisit in ('Baseline' 'Day 90')), class=avisitn avisit atptn atpt,
var=logaval, out=out_g4);

```

*check data for BLOQ/ALOQ;

*per Jh email on Wed 7/1/2015 9:34 AM ---- we only need to present BLOQ as a line item if there are BLOQ values for a given parameter/timepoint;

```
proc freq data=adam.adbx(where=(anl02fl='Y' AND PARCAT1 = 'BIOMARKERS' AND PARAM = 'COHb (%)'
AND LBSPEC = 'BLOOD' AND AQLFL='Y' ));
```

```
table AVALC;
```

```
run;
```

*no data for BLOQ values so no need to present BLOQ n(%) row.;

/*macro to set together for each period ;*/

%macro mfinp(dsn=, dsng=, dsnc=, out=);

```
data dsn1;
```

```
set &dsn.(in=p) &dsng.(in=g);
```

```
run;
```

```
proc sort data=dsn1 out=ds1;
```

```
by avisitn avisit atptn atpt statord stat varname;
```

```
run;
```

*delete baseline part for Change column per mockup;

```
data dsnc;
```

```
set &dsnc.;
```

```

        if avisit="Baseline" then
            delete;

run;

proc sort data=dsnc out=ds2;

    by avisitn avisit atptn atpt statord stat varname;

run;

data &out.;

    retain avisitn avisit atptn tp stat r1 c1 r2 c2 r3 c3 statord;

    merge ds1(in=a) ds2(in=c rename=(r1=c1 r2=c2 r3=c3));

    by avisitn avisit atptn atpt statord stat varname;

    if a;

    *format timepoint(tp) per mock;

    tp=avisit;

    if avisit="Day 5" then

        do;

            /*per JH email on Tue 4/28/2015 10:50 AM*/

            tp=atpt;

            if index(tp,'WITHIN 15 MIN PRIOR TO SMOKING') then
tp=tranwrd(tp,'WITHIN 15 MIN PRIOR TO SMOKING','Within 15 Min Prior To Smoking'); /*per client
comments on Tue 6/30/2015*/

```



```

        if index(tp,'DAY 5 -') then tp=tranwrd(tp,'DAY 5 -','Day 5, ');

    end;

    ***delete <missing, n(%)> if no missing n data for the row;

    if stat="Missing, n (%)" and r1="0" and r2="0" and r3="0" and c1="0" and c2="0" and
c3="0" then delete;

    else if stat="Missing, n (%)" and tp="Baseline" and r1="0" and r2="0" and r3="0" then
delete;

    else if stat="Missing, n (%)" and avisit="Day 5" and index(tp, "Within 15 Min Prior To
Smoking")>0 and r1="0" and r2="0" and c1="0" and c2="0" and r3="" and c3="" then delete;

    else if stat="Missing, n (%)" and avisit="Day 5" and index(tp, "08:00 - 09:30")>0 and
r1="" and r2="" and c1="" and c2="" and r3="0" and c3="0" then delete;

    keep avisitn avisit atptn statord tp stat r1 c1 r2 c2 r3 c3;

run;

%mend mfinp;

%mfinp(dsn=out_p1, dsng=out_g1, dsnc=out_c1, out=finalp1);

%mfinp(dsn=out_p2, dsng=out_g2, dsnc=out_c2, out=finalp2);

%mfinp(dsn=out_p3, dsng=out_g3, dsnc=out_c3, out=finalp3);

%mfinp(dsn=out_p4, dsng=out_g4, dsnc=out_c4, out=finalp4);

/*create final dataset per mock;*/

data final;

    set finalp1(in=p1) finalp2(in=p2) finalp3(in=p3) finalp4(in=p4);

```

```

    if p1 then
        period="1";

    if p2 then
        period="2";

    if p3 then
        period="3";

    if p4 then
        period="4";

run;

*****.
*create new page for each timepoint for report;
*****.

proc sql;

    create table page as

        select distinct period, avisitn, atptn, tp

        from final

        order by period, avisitn, atptn, tp;

quit;

data page1;

```

```

set page;

by period avisitn atptn tp;

if _n_ = 0 then page = 0;

page + 1;

run;

proc sql;

create table final_page as

select distinct a.*, b.page

from final as a

left join page1 as b

on a.avisitn=b.avisitn and a.atptn = b.atptn and a.tp = b.tp and

a.period=b.period

order by period, page, avisitn, avisit, atptn, statord;

quit;

data final_page(rename=(r1=THSm c1=THSm_chg r2=mCC c2=mCC_chg r3=SA c3=SA_chg));

set final_page end=last;

by period page avisitn atptn statord;

if last then

call symputx("page", page);

run;

```

```

/*output report data; */

%let tflno=T_15_02_04_01_01;

data tfls.&tflno(keep=avisitn avisit tp stat THSm mCC SA THSm_chg mCC_chg SA_chg statord period
page);

    set final_page;

run;

*****.

*create output report;

*****;

/*get N for each period for column header*/

proc sql;

    select count(distinct usubjid) into: N1THS from adam.adsl(where=(trt01pn = 4 and pprot1fl =
"Y"));

    select count(distinct usubjid) into: N1MCC from adam.adsl(where=(trt01pn = 5 and pprot1fl =
"Y"));

    select count(distinct usubjid) into: N1SAA from adam.adsl(where=(trt01pn = 3 and pprot1fl =
"Y"));

    select count(distinct usubjid) into: N2THS from adam.adsl(where=(trt01pn = 4 and pprot2fl =
"Y"));

    select count(distinct usubjid) into: N2MCC from adam.adsl(where=(trt01pn = 5 and pprot2fl =
"Y"));

    select count(distinct usubjid) into: N2SAA from adam.adsl(where=(trt01pn = 3 and pprot2fl =
"Y"));

    select count(distinct usubjid) into: N3THS from adam.adsl(where=(trt01pn = 4 and pprot3fl =
"Y"));

```

```
select count(distinct usubjid) into: N3MCC from adam.adsl(where=(trt01pn = 5 and pprot3fl =  
"Y"));
```

```
select count(distinct usubjid) into: N3SAA from adam.adsl(where=(trt01pn = 3 and pprot3fl =  
"Y"));
```

```
select count(distinct usubjid) into: N4THS from adam.adsl(where=(trt01pn = 4 and pprot4fl =  
"Y"));
```

```
select count(distinct usubjid) into: N4MCC from adam.adsl(where=(trt01pn = 5 and pprot4fl =  
"Y"));
```

```
select count(distinct usubjid) into: N4SAA from adam.adsl(where=(trt01pn = 3 and pprot4fl =  
"Y"));
```

```
quit;
```

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

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

```
%let linetop = \brdrt\brdrs\brdrw30;
```

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

```
%macro outrtf(blankn=130, halfblnk=N, dsn=);
```

```
    %let title1 = %NRBQUOTE(Table 15.2.4.1.1 Descriptive Statistics of Blood COHb (%) - PP Set);
```

```
    %let TFL_Part=%scan(&_amp;_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;


%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 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;

        %let wd=0;

        ods proclabel = ' ';


        data comp;

                set final_page end=eof;

                where page=&i;

```

```

if _n_=1 then
    do;

        call symput('title2', "Product Use Time Period: Period " ||
Period );

        *create trt1/trt2/trt3 N for each period for column header;
        if period="1" then
            do;

                call symput('trt1', strip(put(&N1THS., best.)));
                call symput('trt2', strip(put(&N1MCC., best.)));
                call symput('trt3', strip(put(&N1SAA., best.)));

            end;
        else if period="2" then
            do;

                call symput('trt1', strip(put(&N2THS., best.)));
                call symput('trt2', strip(put(&N2MCC., best.)));
                call symput('trt3', strip(put(&N2SAA., best.)));

            end;
        else if period="3" then
            do;

                call symput('trt1', strip(put(&N3THS., best.)));
                call symput('trt2', strip(put(&N3MCC., best.)));
                call symput('trt3', strip(put(&N3SAA., best.)));

            end;
        else if period="4" then
            do;

```

```

call symput('trt1', strip(put(&N4THS., best.)));
call symput('trt2', strip(put(&N4MCC., best.)));
call symput('trt3', strip(put(&N4SAA., best.)));

end;

end;

/* Amend title as needed */
_firtitl="&title1.";
_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;

ods listing close;

proc report data = comp headline headskip nowd split = '$' %if &i=1 %then %do;
contents=' ' %end; %else %do; contents='' %end;;;

column tp stat

```



```

("THSm2.2$(N=&trt1)&linebot" THSm THSm_chg)

("mCC$(N=&trt2)&linebot" mCC mCC_chg)

("SA$(N=&trt3)&linebot" SA SA_chg);

define tp      /"Timepoint" order order=internal style={just=left
cellwidth=1.0cm} style(header)={just=left};

define stat    /"Statistic" display style={just=left cellwidth=1.9cm}
style(header)={just=left};

define THSm          /"Value" display style={just=c cellwidth=1.1cm}
style(header)={just=center};

define mCC    /"Value" display style={just=c cellwidth=1.1cm}
style(header)={just=center};

define SA      /"Value" display style={just=c cellwidth=1.1cm}
style(header)={just=center};

define THSm_chg    /"% Change(*)" display style={JUST=c
cellwidth=1.2cm} style(header)={just=center};

define mCC_chg    /"% Change(*)" display style={just=c cellwidth=1.2cm}
style(header)={just=center};

define SA_chg    /"% Change(*)" display style={just=c cellwidth=1.2cm}
style(header)={just=center};

compute after tp;

line " ";

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 "\b\fs24\sa24&title2.";

        line "&linebot";

    endcomp;

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

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

        LINE 'Note: * % Change from baseline, where baseline is defined as the
last assessment prior to first randomized product use in mCC / THS 2.2 Menthol arms or the last
assessment prior to 10AM on Day 1 in the SA arm.';

        line ' ';

        line 'Appendix 15.3.3.2';

        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;

%outrtf(blankn=36, halfblnk=N);

ods listing;

```

```
%m_logchk;
```

```
/****** END OF FILE t_cohb_pp.sas *****/
```