

```

/*****
** STUDY ID : 000000106343
**
** PROGRAM NAME : t_supine.sas
**
** DATE : 14May2015
**
** PROGRAMMER : cvn_aramasah
**
** PURPOSE : QC the table Summary of supine vital signs - safety population (t_15_2_6_20)
**
** INPUT DATA : ADAM.ADSL, ADAM.ADVS
**
** OUTPUT DATA :
**
** SAS MACROS USED :
**
** MODIFICATIONS : DATE : MODIFIED BY : NOTES :
**
**-----**
** PROGRAMMED USING SAS VERSION 9.3 **
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**-----**/
options notes source source2 nofullstimer validvarname=upcase missing=' ';
ods _all_ close;
ods listing;
%m_printto;
options notes nosource;
proc datasets lib=work nolist memtype=data kill; quit;

*=====;
* START OF PROGRAM CODE ;
*=====;

%let tflno=T_15_02_06_20;
%let TFLprg=t_supine.sas;
%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",""));
run;

*****;
* read in data ;
*****;

/*Use ADSL to get N numbers for column headers*/
data adsl;
    set adam.adsl;
    if trt01a='THSm2.2' then trt01an=1;
    if trt01a='mCC' then trt01an=2;
    if trt01a='SA' then trt01an=3;
    where safaf1 = 'Y';
    if index(trt01a,'Exposed') then delete;
    output;
    trt01an=99;
    trt01a='Overall Safety';
    output;
run;

proc freq data=adsl noprint;
    table trt01an*trt01a/ out =tot(drop=percent);
run;

data dumtrts; /*Use this to output any columns for which N=0*/
    attrib trt01a length =$40. trt01an length=8.;
    trt01an=1;
    trt01a='THSm2.2';
    output;
    trt01an=2;
    trt01a='mCC';
    output;
    trt01an=3;
    trt01a='SA';

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output;
trt01an=99;
trt01a='Overall Safety';
output;
run;

data tot2;
merge tot(in=a) dumtrts(in=b);
by trt01an trt01a;
if a or b;
if b and not a then count=0;
call symput('trt' || compress(put(trt01an,best.)), compress(put(count,best.)));
run;

/*Bring in appropriate data from ADVS*/
data advs;
set adam.advs;
if ABLFL='Y' then do; avisitn=100; avisit='Baseline'; ANL01FL='Y';end;
if trta='THSm2.2' then trtan=1;
if trta='mCC' then trtan=2;
if trta='SA' then trtan=3;
where safaf1 = 'Y';* and anl01fl='Y';
if missing(trta) then delete;
if index(trta,'Exposed') then delete;
output;
trtan=99;
trta='Overall Safety';
output;
run;

/* for baseline */
data ABLFL;
set adam.advs;
where ablfl='Y' and safaf1='Y';
basedate=vsdtc;
if ablfl='Y' then do; avisitn=100; avisit='Baseline'; end;
if trta='THSm2.2' then trtan=1;
if trta='mCC' then trtan=2;
if trta='SA' then trtan=3;
output;
trtan=99;
trta='Overall Safety';
output;
keep usubjid basedate paramcd trta trtan ;
run;

proc sort data=advs;
by usubjid paramcd trtan trta;
proc sort data=ablfl;
by usubjid paramcd trtan trta;
run;

data advs_advs;
merge advs ablfl;
by usubjid paramcd trtan trta;
run;

data advs_;
set advs_advs;
if index((avisit), 'Unscheduled') gt 0 then delete;
if anl01fl='Y' and vsdtc ge basedate;
run;

data advs_orig;
set advs_;
if ablfl='Y' then do; avisitn=100; avisit='Baseline'; end;
if avisit ne 'Baseline' and avisitn lt 101 then delete; /*Only want baseline and days of the study*/
else if avisitn=100 then ord=0; /*Baseline*/
else if avisitn=100.01 then ord=0.1; /*Unscheduled 100.01*/
else if avisitn=101 then ord=1; /*Day 1*/
else if avisitn=101.01 then ord=1.1; /*Unscheduled 101.01*/
else if avisitn=102 then ord=2; /*Day 2*/
else if avisitn=102.01 then ord=2.1; /*Unscheduled 102.01*/
else if avisitn=103 then ord=3; /*Day 3*/
else if avisitn=103.01 then ord=3.1; /*Unscheduled 103.01*/
else if avisitn=104 then ord=4; /*Day 4*/
else if avisitn=104.01 then ord=4.1; /*Unscheduled 104.01*/
else if avisitn=104.02 then ord=4.2; /*Unscheduled 104.02*/
else if avisitn=105 then ord=5; /*Day 5*/

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else if avisitn=105.01 then ord=5.1;/*Unscheduled 105.01*/
else if avisitn=106 then ord=6;/*Discharge confinement*/
else if avisitn=106.01 then ord=6.1;/*Unscheduled 106.01*/
else if avisitn=121 then ord=7;/*Day 21*/
else if avisitn=130 then ord=8;/*Day 30*/
else if avisitn=130.01 then ord=8.1;/*Unscheduled 130.01*/
else if avisitn=131.01 then ord=9;/*Unscheduled 131.01*/
else if avisitn=160 then ord=10;/*Day 60*/
else if avisitn=160.01 then ord=10.1;/*Unscheduled 160.01*/
else if avisitn=190.01 then ord=11;/*Unscheduled 190.01*/
else if avisitn=191 then ord=12;/*Discharge ambulatory*/
else if avisitn=191.01 then ord=12.1;/*Unscheduled 191.01*/
else put "WA" "RNING: Unexpected avisitn " usubjid= avisitn=;
statval=aval;

if avisitn gt 100 and asper not in (2 3 4) then delete; /* ASPER is for "safety period: randomized period", this is for only post b
aseline */
run;

data advs_chg;

set advs_(where=(avisitn in(101 101.01 102 102.01 103 103.01 104 104.01 104.02 105 105.01 106 106.01 121 130 130.01 131.01 160 160.
01 190.01 191 191.01))); /*Only keep days after baseline*/
if avisitn=101 then ord=1; /*Change from Baseline to Day 1*/
else if avisitn=101.01 then ord=1.1;/*Change from Baseline to Unscheduled 101.01*/
else if avisitn=102 then ord=2;/*Change from Baseline to Day 2*/
else if avisitn=102.01 then ord=2.1;/*Change from Baseline to Unscheduled 102.01*/
else if avisitn=103 then ord=3;/*Change from Baseline to Day 3*/
else if avisitn=103.01 then ord=3.1;/*Change from Baseline to Unscheduled 103.01*/
else if avisitn=104 then ord=4;/*Change from Baseline to Day 4*/
else if avisitn=104.01 then ord=4.1;/*Change from Baseline to Unscheduled 104.01*/
else if avisitn=104.02 then ord=4.2;/*Change from Baseline to Unscheduled 104.02*/
else if avisitn=105 then ord=5;/*Change from Baseline to Day 5*/
else if avisitn=105.01 then ord=5.1;/*Change from Baseline to Unscheduled 105.01*/
else if avisitn=106 then ord=6;/*Change from Baseline to Discharge confinement*/
else if avisitn=106.01 then ord=6.1;/*Change from Baseline to Unscheduled 106.01*/
else if avisitn=121 then ord=7;/*Change from Baseline to Day 21*/
else if avisitn=130 then ord=8;/*Change from Baseline to Day 30*/
else if avisitn=130.01 then ord=8.1;/*Change from Baseline to Unscheduled 130.01*/
else if avisitn=131.01 then ord=9;/*Change from Baseline to Unscheduled 131.01*/
else if avisitn=160 then ord=10;/*Change from Baseline to Day 60*/
else if avisitn=160.01 then ord=10.1;/*Change from Baseline to Unscheduled 160.01*/
else if avisitn=190.01 then ord=11;/*Change from Baseline to Unscheduled 190.01*/
else if avisitn=191 then ord=12;/*Change from Baseline to Discharge ambulatory*/
else if avisitn=191.01 then ord=12.1;/*Change from Baseline to Unscheduled 191.01*/
else put "WA" "RNING: Unexpected avisitn " usubjid= avisitn=;
statval=chg;

if avisitn gt 100 and asper not in (2 3 4) then delete; /* ASPER is for "safety period: randomized period", this is for only post b
aseline */
run;

/*Transpose for raw values*/
proc sort data=advs_orig;
by trtan trta paramn ord param avalu avisit;
run;

proc univariate data=advs_orig noprint;
var statval;
by trtan trta paramn ord param avalu avisit;
output out=results01_orig n=n1o mean=mean1o std=std1o median=med1o min=min1o max=max1o;
run;

/*Transpose for change from baseline values*/
proc sort data=advs_chg;
by trtan trta paramn ord param avalu avisit;
run;

proc univariate data=advs_chg noprint;
var statval;
by trtan trta paramn ord param avalu avisit;
output out=results01_chg n=n1c mean=mean1c std=std1c median=med1c min=min1c max=max1c;
run;

data results01;
merge results01_orig results01_chg;
by trtan trta paramn ord param avalu avisit;
run;

data results02;
set results01;

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    attrib meano length=$10.
        mino length=$15.
        no      length=$10.
        mediano length=$10.
        stdo length=$10.;
/*      maxo length=$10.;*/

    if not missing(n1o) then no = left(compress(put(n1o,8.))); else no='0';
    if not missing(med1o) then mediano = left(compress(put(med1o,8.1)));
    if not missing(mean1o) then meano = left(compress(put(mean1o,8.1)));
    if not missing(std1o) then stdo = '('||left(compress(put(0.01*ceil(std1o/0.01),8.2)))||')';
    if not missing(min1o) and not missing(max1o) then mino = left(compress(put(min1o,8.)))||', '||left(compress(put(max1o,8.)));
/*    if not missing(max1o) then maxo = left(compress(put(max1o,8.))); */

    attrib meanc length=$10.
        minc length=$15.
        nc      length=$10.
        medianc length=$10.
        stdc length=$10.;
/*      maxc length=$10.;*/

    if not missing(n1c) then nc= left(compress(put(n1c,8.))); else nc='0';
    if not missing(med1c) then medianc = left(compress(put(med1c,8.1)));
    if not missing(mean1c) then meanc = left(compress(put(mean1c,8.1)));
    if not missing(std1c) then stdc = '('||left(compress(put(0.01*ceil(std1c/0.01),8.2)))||')';
    if not missing(min1c) and not missing(max1c) then minc = left(compress(put(min1c,8.)))||', '||left(compress(put(max1c,8.)));
/*    if not missing(max1c) then maxc = left(compress(put(max1c,8.))); */

drop n1o mean1o std1o med1o min1o max1o n1c mean1c std1c med1c min1c max1c;

run;

data results03; /*Create text as required in output*/
set results02;
attrib paramc length = $100.
    visit length = $100.;

    if avalu='BREATHS/MIN' then avalu=tranwrd(avalu,'/', '$n');

    if paramn=1 then paramc=strip(param)||' ('||strip(avalu)|| ')';
    else if paramn=2 then paramc=strip(param)||' ('||strip(avalu)|| ')';
    else if paramn=3 then paramc=strip(param)||' ('||strip((avalu))|| ')'; /* 2) JMH 15Jul2014 */
    else if paramn=4 then paramc=strip(param)||' ('||strip((avalu))|| ')'; /* 2) JMH 15Jul2014 */

    visit=avisit;
    if no='1' then stdo='(NA)';
    if nc='1' then stdc='(NA)';

run;

proc sort data=results03;
    by paramn paramc ord visit;
run;

proc transpose data=results03 out=results04_orig1 prefix=o name=varname;
    by paramn paramc ord visit;
    var no meano stdo mediano mino;* maxo;
    id trtan;
    idlabel trta;
run;

data results04_orig1;
    set results04_orig1;
    varname=tranwrd(varname,'O','C');
run;

proc transpose data=results03 out=results04_chg prefix=c name=varname;
    by paramn paramc ord visit;
    var nc meanc stdc medianc minc;* maxc;
    id trtan;
    idlabel trta;
run;

proc sort data=results04_orig1;
    by paramn paramc ord visit varname;
run;

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proc sort data=results04_chg;
  by paramn paramc ord visit varname;
run;

data results04;
  merge results04_orig results04_chg;
  by paramn paramc ord visit varname;

run;

data results05;
  set results04;
  attrib stat length = $100.;
  if upcase(varname)='NC' then do; statord=1; stat='n'; end;
  else if upcase(varname)='MEANC' then do; statord=2; stat='Mean'; end;
  else if upcase(varname)='STDC' then do; statord=3; stat='(SD)'; end;
  else if upcase(varname)='MEDIANC' then do; statord=4; stat='Median'; end;
  else if upcase(varname)='MINC' then do; statord=5; stat='Min, Max'; end;
  /* else if upcase(varname)='MAXC' then do; statord=6; stat='Max'; end;*/

  drop varname;
run;

data results06;
  set results05;
  if stat='n' /*and ord=1*/ then do; /* 3) JMH 15Jul2014 */
    if missing(o1) then o1='0';
    if missing(o2) then o2='0';
    if missing(o3) then o3='0';
    if missing(o99) then o99='0';
  /* 3) start JMH 15Jul2014 */
  IF ORD NE 0 THEN DO; /* 4) JMH 15Jul2014 */
    IF MISSING(C1) THEN C1='0';
    IF MISSING(C2) THEN C2='0';
    IF MISSING(C3) THEN C3='0';
    IF MISSING(C99) THEN C99='0';
  END; /* 4) JMH 15Jul2014 */
  /* 3) end JMH 15Jul2014 */
  end;

run;

proc sort data=results06;
  by paramn paramc ord statord;
run;

data allresults;
  set results06;
  if paramc ne '';
  by paramn paramc ord statord;

  flag=1;
run;

data labels;
  set allresults;
  attrib o1 label = "Raw value"
    o2 label = "Raw value"
    o3 label = "Raw value"
    o99 label = "Raw value"
    c1 label = "Change"
    c2 label = "Change"
    c3 label = "Change"
    c99 label = "Change";
  if visit='Baseline' then do;
    c1='';
    c2='';
    c3='';
    c99='';
  end;
run;

/*proc sort data=allresults out=extraline (keep=paramc visit) nodupkey;*/
/*by paramc visit;*/
/*run;*/
/**/
/*data extraline;*/
/*set extraline;*/

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/*if paramc='Diastolic Blood Pressure (mmHg)' then paramn=2;*/
/*if paramc='Systolic Blood Pressure (mmHg)' then paramn=1;*/
/*if paramc='Pulse Rate (BEATS/MIN)' then paramn=3;*/
/*if paramc='Respiratory Rate (BREATHS/$nMIN)' then paramn=4;*/
/**/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Baseline' then ord=-1;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 1' then ord=0.1;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 2' then ord=1.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 21' then ord=6.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 3' then ord=2.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 30' then ord=7.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 4' then ord=3.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 5' then ord=4.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 6/Discharge Confinement' then ord=5.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 60' then ord=9.9;*/
/*if paramc in ('Diastolic Blood Pressure (mmHg)' 'Systolic Blood Pressure (mmHg)' 'Pulse Rate (BEATS/MIN)' 'Respiratory Rate (BREAT
HS/$nMIN)') and visit='Day 91/Discharge Ambulatory' then ord=11.9;*/
/**/
/*run;*/

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data labels_1;
set labels;* extraline;
if visit='Day 21' then delete; /* data issue in ADVS: email sent by John Hunter on 06/09/2015 at 2:47 pm */
order=ord;
if ord=1 then ord=0;
if ord=3 then ord=2;
if ord=5 then ord=4;
if ord=8 then ord=6;
if ord=12 then ord=10;
run;

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proc sort data=labels_1;
by paramn ord visit statord;
run;

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```

proc sort data=labels_1;
by paramn ord statord;
run;

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proc sort data=labels_1 out=page (keep=paramn ord) nodupkey;
by paramn ord;
run;

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data page;
set page;
page=_n_;
run;

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data paging;
merge labels_1 page;
by paramn ord;
call symput("page",compress(put(page,best.)));

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run;
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/*data paging;*/
/* set labels_1;*/
/* by paramn ord statord;*/
/**/
/* flag=1;*/
/**/
/* if first.ord and ln ge 7 then ln=1; */
/* else ln+1;*/
/* if ln=1 then page+1;*/
/* call symput("page",compress(put(page,best.)));*/
/* if ord in (-1 0.1 1.9 6.9 2.9 7.9 3.9 4.9 5.9 9.9 11.9) then visit='';*/
/*run;*/

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proc sort data=paging;
by paramn;
run;

data lastpage_1;
set paging;
by paramn;
if last.paramn;
run;

proc sort data=lastpage_1;
by paramn ord;
run;

data lastpage;
set lastpage_1;
by paramn ord;
if last.ord then call symput('maxpage', trim(left(put(page,best)))));
run;

proc sort data=paging;
by paramn ord statord;
run;

proc sql noprint;

create table tflds.&tfldno as
select paramc, visit, stat, o1 as THS_raw, c1 as ths_chg, o2 as mcc_raw, c2 as mcc_chg, o3 as sa_raw, c3 as sa_chg, o99 as overall_r
aw, c99 as overall_chg, paramn, page
from paging
order by paramn, order, statord;

quit;

options number nodate orientation=landscape /*papersize=&p_pgsz*/ 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=, halfblnk=);

%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/dev/Tables/&tfldno..rtf" style=t106343 startpage=yes headery=1440 foot
ery=1440 ;
ods noproctitle;
%do i=1 %to &page;

title ;
footnote;
%let wd=0;

%let npage=%eval(&i);

ods proclabel = ' ';

data comp;
set paging end=eof;
where page=&i;

_firtitl="Table 15.2.6.20 Summary of Supine Vital Signs - Safety Population";
_secndtitl="Safety Time Period: Randomized Period";
_upcas=(length("Path: &TFLpath.")-length(compress("Path:&TFLpath.", 'ABCDEFGHIJKLMNOPQRSTUVWXYZ')))/2;
len=&blankn.-length("(Page &npage of &maxpage)");
if eof then do;
call symput('_FSRTITL', trim(left(_firtitl)));
call symput('_SECTITL', trim(left(_secndtitl)));
call symput('_blankn', compress(put(len,best)));
end;
drop _firtitl _secndtitl _upcas len;
run;

* most set up in template others below;

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* 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 missing headline headskip nowd split = '$' ;;
  column flag page paramn paramc ord visit statord stat ("THSm2.2 $(N=&trt1) &linebot" o1 c1) ("mCC $(N=&trt2) &linebot" o2 c2) ("SA
$(N=&trt3) &linebot" o3 c3)
  ( "Overall Safety$(N=&trt99) &linebot" o99 c99); /* 1) JMH 15Jul2014 */

  define flag          / order order=internal noprint;
  define page          / order order = internal noprint;
  define paramn        / order order = internal noprint;
  define ord           / order order = internal noprint;
  define statord       / order order = internal noprint;
  define paramc        / group style={just=left cellwidth=0.5 cm} style(header)={just=left} 'Parameter$(units)';
  define visit        / group style={just=left cellwidth=0.5 cm} style(header)={just=left} 'Study$Day';
  define stat         / display style={just=left cellwidth=0.2 cm} style(header)={just=left} 'Statistic';
  define o1           / display style={just=left cellwidth=0.2 cm} style(header)={just=left} 'Raw$value';
  define c1           / display style={just=left cellwidth=0.2 cm} style(header)={just=left};
  define o2           / display style={just=left cellwidth=0.2 cm} style(header)={just=left} 'Raw$value';
  define c2           / display style={just=left cellwidth=0.2 cm} style(header)={just=left};
  define o3           / display style={just=left cellwidth=0.2 cm} style(header)={just=left} 'Raw$value';
  define c3           / display style={just=left cellwidth=0.2 cm} style(header)={just=left};
  define o99          / display style={just=left cellwidth=0.2 cm} style(header)={just=left} 'Raw$value';
  define c99          / display style={just=left cellwidth=0.2 cm} style(header)={just=left};

break before flag / page %if &i=1 %then %do;
contents="&_fsrtitl" %end; %else %do; contents='' %end;;

break after page / page;

compute after ord;
  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 "&linebot";
  line "\b\fs24\sa24&_SECTITL." ; * \b = bold, \fs24 is font size 12pt, \sa24 is space after 12pt;
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 is change from baseline, where baseline is defined as the last assessment prior to first randomized product use
in mCC / THS 2.2 Menthol arms'; /* 5) JMH 07Oct2014 */
line 'or the last assessment prior to 10 AM on Day 1 in the SA arm.';
line ' ';
line 'Appendix 15.3.6.9';
line "Study ID:ZRHm-REXA-08-US Program:&TFLprg Status: &status" &_blankn.**"\-\" "&sysdate" &_blankn.**"\-\" "(Page &i of &pag
e)";
endcomp;
run;
%end;
ods rtf close;
ods results on;
ods path sashep.templmst (read);

%mend ;

%outrtf(blankn=40, halfblnk=N);

ods listing;
ods listing close;

proc datasets lib=work nolist memtype=data kill; quit;
%m_logchk;
*=====;
* END OF PROGRAM CODE ;
*=====;

```