

```

/*=====
=====*

| Covance Study Number   : 000000106343          |
| Program Name           : t_desc_lung_pp.sas      |
| Purpose                 : Program to table 15.2.4.70 |
| Input Data              : ADAM.ADSL, ADAM.adlb    |
|                         |                          |
| Output Data             : T_15_02_04_70          |
| Macros Called           :                        |
| Originally Performed by :Sree Bikki              |
| Date                    : 10MARCH2016            |
|                         |                          |
|=====
=====|

| Modification History          |
|-----|
| Modified by                   |
| Modification Date             |
|                               |
| Modification Description :    |
+=====
=====*/

```

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

```
run;
```

```
%macro desc_lung;
```

```
%m_printto;
```

```
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: 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;
```

```
%let tflno=T_15_02_04_70;
```

```
/* Standard - leave this */
```

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

```
/* Standard - leave this */
```

```
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;
```

```
data adam_adxp(rename= (paramn= paramn1));

set adam.adxp;

if paramn in (51 54 61 64 65 63 20 11 /*9*/ 8 5 4 6 );

run;
```

```
data adam_adxp_1;

set adam_adxp;

if anl01fl = "Y";

param = strip(param) || " (" || strip(avalu) || ")";

if paramn1 = 51 then paramn = 1;

if paramn1 = 54 then paramn = 2;

if paramn1 = 6 then paramn = 3;

if paramn1 = 4 then paramn = 4;

if paramn1 = 65 then paramn = 5;

if paramn1 = 64 then paramn = 6;

if paramn1 = 63 then paramn = 7;

if paramn1 = 61 then paramn = 8;

if paramn1 = 11 then paramn = 9;

if paramn1 = 20 then paramn = 10;
```

```
/*if paramn1 = 9 then paramn = 11;*/
```

```
if paramn1 = 8 then paramn = 11;
```

```
if paramn1 = 5 then paramn = 12;
```

```
drop paramn1;
```

```
run;
```

```
data adxp_1;
```

```
set adam_adxp_1;
```

```
where (pprot1fl = "Y" and avisitn = 106) or (pprot4fl = "Y" and avisitn in (191));
```

```
run;
```

```
data adxp_2;
```

```
set adam_adxp_1;
```

```
if anl01fl = "Y";
```

```
if ablfl = "Y" and pprot1fl = "Y" then do;
```

```
avisitn = 10;
```

```
avisit = "Baseline";
```

```
apuper = 1;
```

```
apuperc = "Period 1";
```

```
output;
```

```
end;
```

```
if ablfl = "Y" and pprot4fl = "Y" then do;
```

```
avisitn = 10;
```

```
avisit = "Baseline";
```

```
apuper = 4;  
apuperc = "Period 4";  
output;  
end;  
run;
```

```
data adxp;  
set adxp_1 adxp_2;  
dp=lengthn(scan(strip(put(aval, best.)),2,"."));  
  
run;
```

```
proc sql noprint;  
create table MaxDP as  
    select distinct PARAMCD, max(dp) as Maxdp  
        from adxp  
    group by PARAMCD  
    order by PARAMCD;  
quit;
```

```
data _null_;  
    set maxdp;  
    call symput('PARCD'|strip(put(_N_, best.)), strip(PARAMCD));
```

```
call symput('MXDP' || strip(put(_N_, best.)), strip(put(MAXDP,best.)));  
run;
```

```
proc sql noprint;  
select count(*) into :npar from MaxDP;  
quit;
```

```
proc sort data=adxp; by paramcd ;run ;  
proc sort data=MaxDP ; by paramcd ;run ;
```

```
data adxp;  
merge adxp(in=a) MaxDP;  
by paramcd;  
*** limit maximum decimal places ***;  
if Maxdp>=3 then mdp=3;  
else mdp=maxdp;  
if a;  
run;
```

```
proc sort data=adxp;  
by trtpn trtp paramn param paramcd apuper apuperc avisitn avisit;  
run;
```

```
/* ARITHMETIC MEAN AND CI */
```

```
/*Q25 Q75 MEdian*/
```

```
proc means data=adxp(where=(aval ne .)) noprint;
```

```
var aval;
```

```
by trtpn trtp paramn param paramcd apuper apuperc avisitn avisit ;
```

```
output out=aval n=n mean = mean std = std median = median min = min max = max q1 = q1 q3 = q3 lclm  
= lcil uclm = ucil;
```

```
run;
```

```
data aval1;
```

```
set aval;
```

```
length median1 Q2575 Minmax n1 meansd aci $50.;
```

```
%do i = 1 %to &npar.;
```

```
if PARAMCD = "&&parcd&i" then do;
```

```
    n1 = strip(put(n, best.));
```

```
        std1=ceil(std*10**(%eval(&&mxdp&i+2)))/10**(%eval(&&mxdp&i+2));
```

```
        meansd=compress(put(mean, 10.%eval(&&mxdp&i+1))) || ' ' ||  
compress(put(std1,12.%eval(&&mxdp&i+2))) || ')';
```

```
    lclmx=floor(lcil*10**(%eval(&&mxdp&i+1)))/10**(%eval(&&mxdp&i+1));
```

```
        uclmx=ceil(ucil*10**(%eval(&&mxdp&i+1)))/10**(%eval(&&mxdp&i+1));
```

```
        aci=compress(put(lclmx, 12.%eval(&&mxdp&i+1))) || ' , ' ||  
compress(put(uclmx,12.%eval(&&mxdp&i+1)));
```

```
        median1=put(round(median,10**(%eval(-(&&mxdp&i+1)))), 10.%eval(&&mxdp&i+1));
```

```
        q2575=compress(put(q1, 10.%eval(&&mxdp&i+1))) || ' , ' ||  
compress(put(q3,10.%eval(&&mxdp&i+1)));
```

```

        minmax=compress(put(min, 10.%eval(&&mxdp&i))) || ', ' |
compress(put(max,10.%eval(&&mxdp&i)));

end;

%end;


/*std1=ceil(std*1000)/1000;*/

/*meansd=compress(put(round(mean,0.1), 8.1)) || ' (' || compress(put(round(std1,0.01),8.2)) || ')';*/

/*/*if not missing(mean) and not missing(std) then meansd = left(compress(put(round(mean,0.1),8.1))
|| ' (' || left(compress(put(0.01*ceil(std/0.01),8.2))) || ')'; */*/

/*median1 = strip(put(round(median, 0.1), 15.1));*/

/*q2575 = compress(put(round(q1, 0.01), 8.2)) || ", " || compress(put(round(q3, 0.01), 8.2));*/

/*/*q2575 = strip(put(round(q1, 0.01), 15.1)) || ", " || strip(put(round(q3, 0.01), 15.1));*/*/

/*minmax = compress(put(round(min, 1), 15.0)) || ", " || compress(put(round(max, 1), 15.0));*/

/*n1 = strip(put(n, best.));*/

/*if not missing(lcil) and not missing(ucil) then aci = strip(put(0.01*floor(lcil/0.01),8.2)) || ', ' ||
strip(put(0.01*ceil(ucil/0.01),8.2)); */;

run;


/*for figure dataset*/


data figure;

set aval1;

drop std _type__freq_;

logf=0;

mean = mean;

lclm = lcil;

uclm = ucil;

```



```
if apuper in (4) and avisitn=10 then delete;
```

```
keep avisit avisitn apuper apuperc paramcd param paramn trtp trtpn mean ucil lcil logf;
```

```
run;
```

```
/*end for figure dataset t_15_02_04_28_01_F*/
```

```
/**missing calculation*/
```

```
data results03;
```

```
length missc $30;
```

```
set aval1;
```

```
/*period 1*/
```

```
if trtpn=3 and apuper = 1 then do;
```

```
if &n1saa.=n then
```

```
missc="";
```

```
else
```

```
missc=strip(put((&n1saa.- n), 8.)) || ' (' || strip(put(((&n1saa.-n)*100)/&n1saa., 8.1)) || ")";
```

```
end;
```

```
else if trtpn=4 and apuper = 1 then do;
```

```
if &n1ths.=n then
```

```
missc="";
```

```
else
```

```
missc=strip(put((&n1ths.- n), 8.)) || ' (' || strip(put(((&n1ths.-n)*100)/&n1ths., 8.1)) || ")";
```

```
end;
```

```
else if trtpn=5 and apuper = 1 then do;
```

```

if &n1mcc.=n
then missc="";

else
missc=strip(put((&n1mcc.-n), 8.)) || ' (' || strip(put(((&n1mcc.-n)*100)/&n1mcc., 8.1)) || ")";

end;

/*period 4*/

if trtpn=3 and apuper =
4 then do;

if &n4saa.=n then

missc="";

else
missc=strip(put((&n4saa.- n), 8.)) || ' (' || strip(put(((&n4saa.-n)*100)/&n4saa., 8.1)) || ")";

end;

else if trtpn=4 and apuper =4 then do;

if &n4ths.=n then

missc="";

else
missc=strip(put((&n4ths.- n), 8.)) || ' (' || strip(put(((&n4ths.-n)*100)/&n4ths., 8.1)) || ")";

end;

else if trtpn=5 and apuper = 4 then do;

if &n4mcc.=n

then missc="";

else
missc=strip(put((&n4mcc.-n), 8.)) || ' (' || strip(put(((&n4mcc.-n)*100)/&n4mcc., 8.1)) || ")";

end;

```

```
run;
```

```
proc sort data=results03 out=aval1;
```

```
by paramn param apuper apuperc avisitn avisit ;
```

```
run;
```

```
proc transpose data=aval1 out=aval_t prefix= trt_;
```

```
by paramn param apuper apuperc avisitn avisit ;
```

```
var n1 meansd median1 q2575 minmax missc aci;
```

```
id trtpn;
```

```
run;
```

```
data aval_t;
```

```
length txt $200.;
```

```
set aval_t ;
```

```
if upcase(_name_) = "N1" then do;
```

```
txtn = 1;
```

```
txt = "n";
```

```
end;
```

```
if upcase(_name_) = "MISSC" then do;
```

```
txtn = 2;
```

```
txt = "Missing, n (%)";
```

```
end;
```

```
else if upcase(_name_) = "MEDIAN1" then do;
```

```
txtn = 5;

txt = "Median";

end;

else if upcase(_name_) = "Q2575" then do;

txtn = 6;

txt = "Q25, Q75";

end;

else if upcase(_name_) = "MINMAX" then do;

txtn = 7;

txt = "Min, Max";

end;

else if upcase(_name_) = "MEANSD" then do;

txtn = 3;

txt = "Mean (SD)";

end;

else if upcase(_name_) = "ACI" then do;

txtn = 4;

txt = "95% CI";

end;

run;
```

```
data aval_f;
```

```
set aval_t ;
```

```
run;
```

```
proc sort data=aval_f;
```

```
by paramn param apuper apuperc avisitn avisit txtn txt;
```

```
run;
```

```
proc sort data=ADXP;
```

```
by trtpn paramn param paramcd apuper apuperc avisitn avisit ;
```

```
run;
```

```
proc means data=ADXP(where=(chg ne . and ablfl ne "Y")) noprint;
```

```
var chg;
```

```
by trtpn paramn param paramcd apuper apuperc avisitn avisit ;
```

```
output out=chg n =n mean = mean std = std median = median min = min max = max q1 = q1 q3 = q3 lclm  
= lclm uclm = uclm;
```

```
run;
```

```
data chg1;
```

```
length median1 Q2575 Minmax n1 meansd aci $50.;
```

```
set chg;
```

```

%do i = 1 %to &npar.;

if PARAMCD = "&&parcd&i" then do;

    n1 = strip(put(n, best.));

    std1=ceil(std*10**(%eval(&&mxdp&i+2)))/10**(%eval(&&mxdp&i+2));

    meansd=compress(put(mean, 10.%eval(&&mxdp&i+1))) || ' (' ||
compress(put(std1,12.%eval(&&mxdp&i+2))) || ')';

    lclmx=floor(lclm*10**(%eval(&&mxdp&i+1)))/10**(%eval(&&mxdp&i+1));

    uclmx=ceil(uclm*10**(%eval(&&mxdp&i+1)))/10**(%eval(&&mxdp&i+1));

    aci=compress(put(lclmx, 12.%eval(&&mxdp&i+1))) || ', ' ||
compress(put(uclmx,12.%eval(&&mxdp&i+1)));

    median1=put(round(median,10**(%eval(-(&&mxdp&i+1)))), 10.%eval(&&mxdp&i+1));

    q2575=compress(put(q1, 10.%eval(&&mxdp&i+1))) || ', ' ||
compress(put(q3,10.%eval(&&mxdp&i+1)));

    minmax=compress(put(min, 10.%eval(&&mxdp&i))) || ', ' ||
compress(put(max,10.%eval(&&mxdp&i)));

end;

%end;

/*std1=ceil(std*1000)/1000;*/

/*meansd=compress(put(round(mean,0.1), 8.1)) || ' (' || compress(put(round(std1,0.01),8.2)) || ')';*/

/*median1 = strip(put(round(median, 0.1), 15.1));*/

/*q2575 = compress(put(round(q1, 0.01), 8.2)) || ', ' || compress(put(round(q3, 0.01), 8.2));*/

/*/*q2575 = strip(put(round(q1, 0.01), 15.1)) || ', ' || strip(put(round(q3, 0.01), 15.1));*/

/*minmax = compress(put(round(min, 1), 15.0)) || ', ' || compress(put(round(max, 1), 15.0));*/

/*n1 = strip(put(n, best.));*/

/*if not missing(lclm) and not missing(uclm) then aci = strip(put(0.01*floor(lclm/0.01),8.2)) || ', ' ||
strip(put(0.01*ceil(uclm/0.01),8.2)); */

/*if not missing(mean) then mean1 = left(compress(put(ROUND(mean,0.1),8.1)); */

```

```

/*if not missing(mean) and not missing(std) then meansd = left(compress(put(round(mean,0.1),8.1))) ||
'(' || left(compress(put(0.01*ceil(std/0.01),8.2))) || ')'; */;

```

```

run;

```

```

/**missing calculation*/

```

```

data results04;

```

```

length missc $30;

```

```

set chg1;

```

```

/*period 1*/

```

```

        if trtpn=3 and apuper = 1 then do;

```

```

                                if &n1saa.=n then

```

```

missc="";

```

```

                                else

```

```

missc=strip(put((&n1saa.- n), 8.)) || '(' || strip(put(((&n1saa.-n)*100)/&n1saa., 8.1)) || ")";

```

```

                                end;

```

```

        else if trtpn=4 and apuper = 1 then do;

```

```

                                if &n1ths.=n then

```

```

missc="";

```

```

                                else

```

```

missc=strip(put((&n1ths.- n), 8.)) || '(' || strip(put(((&n1ths.-n)*100)/&n1ths., 8.1)) || ")";

```

```

                                end;

```

```

        else if trtpn=5 and apuper = 1 then do;

```

```

                                if &n1mcc.=n

```

```

then missc="";

```

```

else
missc=strip(put((&n1mcc.-n), 8.)) || ' (' || strip(put(((&n1mcc.-n)*100)/&n1mcc., 8.1)) || ")";

end;

/*period 4*/

if trtpn=3 and apuper =
4 then do;

if &n4saa.=n then

missc="";

else
missc=strip(put((&n4saa.- n), 8.)) || ' (' || strip(put(((&n4saa.-n)*100)/&n4saa., 8.1)) || ")";

end;

else if trtpn=4 and apuper =4 then do;

if &n4ths.=n then

missc="";

else
missc=strip(put((&n4ths.- n), 8.)) || ' (' || strip(put(((&n4ths.-n)*100)/&n4ths., 8.1)) || ")";

end;

else if trtpn=5 and apuper = 4 then do;

if &n4mcc.=n

then missc="";

else
missc=strip(put((&n4mcc.-n), 8.)) || ' (' || strip(put(((&n4mcc.-n)*100)/&n4mcc., 8.1)) || ")";

end;

run;

```



```

proc sort data=results04 out=chg1;

by paramn param apuper apuperc avisitn avisit ;

run;


proc transpose data=chg1 out=chg_t prefix= chg_;

by paramn param apuper apuperc avisitn avisit ;

var n1 meansd median1 q2575 minmax aci missc;

id trtpn;

run;


data chg_t;

length txt $200.;

set chg_t;

if upcase(_name_) = "N1" then do;

txtn = 1;

txt = "n";

end;

if upcase(_name_) = "MISSC" then do;

txtn = 2;

txt = "Missing, n (%)";

end;

else if upcase(_name_) = "MEDIAN1" then do;

txtn = 5;

txt = "Median";

end;

```

```

else if upcase(_name_) = "Q2575" then do;

txtn = 6;

txt = "Q25, Q75";

end;

else if upcase(_name_) = "MINMAX" then do;

txtn = 7;

txt = "Min, Max";

end;

else if upcase(_name_) = "MEANSD" then do;

txtn = 3;

txt = "Mean (SD)";

end;

else if upcase(_name_) = "ACI" then do;

txtn = 4;

txt = "95% CI";

end;

run;


data chg_f;

set chg_t ;

run;


proc sort data=chg_f;

by paramn param apuperc avisitn avisit txtn txt;

run;

```

```

proc sort data=aval_f;

by paramn param apuper apuperc avisitn avisit txtn txt;

run;


data final;

length period $200.;

merge aval_f chg_f(drop=_name_);

by paramn param apuper apuperc avisitn avisit txtn txt;

if apuper = 1 then do;

period = "Period 1";

THS = &N1THS;

mcc = &N1mcc;

sa = &N1saa;

end;

else if apuper = 4 then do;

period = "Period 4";

ths = &n4ths;

mcc = &n4mcc;

sa = &n4saa;

end;

if trt_3 = " " and trt_4 = " " and trt_5 = " " and chg_3 = " " and chg_4 = " " and chg_5 = " " then delete;

if txtn =2 and trt_3^= " " or trt_4^= " " or trt_5^= " " then do;

```

```
if trt_3 = " " then trt_3 = "0";  
if trt_4 = " " then trt_4 = "0";  
if trt_5 = " " then trt_5 = "0";  
  
end;  
  
if txtn =2 and avisitn ne 10 then do;  
  
if chg_3 = " " then chg_3 = "0";  
if chg_4 = " " then chg_4 = "0";  
if chg_5 = " " then chg_5 = "0";  
  
end;  
  
run;
```

```
proc sort data= final;  
  
by paramn param apuper avisitn;  
  
run;
```

```
/*data page1;*/  
  
/*set final;*/  
  
/*by paramn param apuper avisitn;*/  
  
/*/*obs = _n_;*/*/  
  
/*retain seq;*/  
  
/*if first.param then seq = 1;*/  
  
/*else if not first.avisitn then seq+1;*/  
  
/*run;*/;
```

```
proc sql;

create table page as

select distinct apuper, apuperc, paramn, param, avisitn

from final

order by paramn,param, apuper, avisitn;

quit;
```

```
data page1;

set page;

by paramn apuper avisitn;

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.paramn = b.paramn and a.param = b.param and a.avisitn = b.avisitn and a.apuper=b.apuper

order by paramn,param,apuper, avisitn, txtn;

quit;
```

```
data final_page;
```

```
set final_page end=last;
```

```
by paramn param apuper avisitn txtn;
```

```
if last then call symputx("page", page);
```

```
run;
```

```
data tflds.&tflno(keep=txt txtn avisitn avisit paramn param trt_3 trt_4 trt_5 chg_3 chg_4 chg_5 apuper  
apuperc);
```

```
set final_page;
```

```
run;
```

```
%let title =%str(Table 15.2.4.70 Descriptive Statistics of Full Lung Function Results - PP Set);
```

```
data tflds.T_15_02_04_70_F;
```

```
set figure;
```

```
run;
```

```
%put &page;
```

```
/* Standard - leave this */
```

```
options number nodate orientation=landscape /* papersize=&P_PGSIZE*/ 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;

/* Standard - macro for paging */

%macro outrtf(blankn=130, halfbink=N);

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

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


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;

%let wd=0;

ods proclabel = ' ';


data comp;

    set final_page end=eof;

        where page=&i;

```

```

/* Amend title as needed */

    _firtitl="&title.";

_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.)));

        call symput('period', strip(apuperc));

        call symput('param', strip(param));

        call symput('N3', strip(put(sa, best.)));

        call symput('N4', strip(put(th, best.)));

        call symput('N5', strip(put(mcc, best.)));

    end;

    drop _firtitl _upcas len;

run;

```

ods listing close;

- * 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;

/* Update with your variables as needed */

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

        column page paramn apuper avisitn avisit txtn txt ("THSm2.2$(N=&N4)&linebot" trt_4 chg_4 )
("mCC$(N=&N5)&linebot" trt_5 chg_5)

                ("SA$(N=&N3)&linebot" trt_3 chg_3);

        define paramn          / order order = internal noprint;

        define page            / order order = internal noprint;

        define avisitn         / order order = internal noprint;

        define apuper          / order order = internal noprint;

        define txtn            / order order = internal noprint;

        define avisit          /"Timepoint" order order=internal style={just=left cellwidth=2.3cm}
style(header)={just=left} ;

        define txt              /"Statistic" display style={just=left cellwidth=1.16cm}
style(header)={just=left} ;

        define trt_3            /"Value" display style={JUST=c cellwidth=1.19cm}
style(header)={just=center} ;

        define trt_4            /"Value" display style={just=c cellwidth=1.19cm}
style(header)={just=center} ;

        define trt_5            /"Value" display style={just=c cellwidth=1.19cm}
style(header)={just=center};

        define chg_3            /"% Change(*)" display style={JUST=c cellwidth=1.18cm}
style(header)={just=center};

        define chg_4            /"% Change(*)" display style={just=c cellwidth=1.18cm}
style(header)={just=center};

        define chg_5            /"% Change(*)" display style={just=c cellwidth=1.18cm}
style(header)={just=center};

```

compute after avisitn;

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 "Parameter (units):¶m";

LINE "Product Use Time Period: &period";

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: Percentages are based on the number of subjects indicated in the column
header (N).';

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 15.3.6.11';

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, halfblank=N);

ods listing;


%mend desc_lung;


%desc_lung;


%m_logchk2;
```