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* Project          : ZRHM-REXA-07-JP
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* Program name     : t1502060801_ZRHM_REXA_07_JP_V1.sas
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* Author          : H Shu
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* Date created     : 06/23/2015
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* Purpose          : Create Table 15.2.6.8.1 Summary of AE Leading to ... by Product Use Category  Safety Population
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* Revision History :
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* Date      Author      Ref      Revision (Date in YYYYMMDD format)
* 07/11/2015 HS          Changed wording for no case situation per PMP comments
* 07/12/2015 HS          Simplified headers per PMP comments
*****;

%let prgname=T1502060801_ZRHM_REXA_07_JP_V1;
options sasautos=("W:\pmp07\macros" sasautos) noquotelenmax;
%init(delivery=9);
%titlecsv(prgname=&prgname,version=3);
%trtrtfg(pgmname=&outname., pgmid=1, new=0, style=, bookmark=%lowcase(&outname.));
%global _ppg;
%let _ppg=0;

data ADSL;
  set adam.adsl;
  if TRT01A='THSm2.2' then do;
    tg=1;
    TRT01A=GPUCAT1; /*no further mapping per PMP*/
    if GPUCAT1='THS 2.2' then TRT01AN=1;
    else if GPUCAT1='Not Abstinent' then TRT01AN=2;
    else if GPUCAT1='Missing' then TRT01AN=3;
  end;
  else if TRT01A='mCC' then do;
    tg=2;
    TRT01A=GPUCAT1;
    if GPUCAT1='CC' then TRT01AN=4;
    else if GPUCAT1='Missing' then TRT01AN=5;
  end;
  else if TRT01A='SA' then do;
    tg=3;
    TRT01A=GPUCAT1;
    if GPUCAT1='Abstinent' then TRT01AN=6;
    else if GPUCAT1='Predominantly Abstinent' then TRT01AN=7;
    else if GPUCAT1='Missing' then do;
      TRT01AN=8;
    end;
  end;
  TRT01A='Missing^S={}';
end;
run;

data ADAE;
  merge adam.ADAE(in=in1 drop=TRTAN TRTA) ADSL(keep=USUBJID TRT01AN TRT01A);
  by USUBJID;
  if in1;
  rename TRT01AN=TRTAN TRT01A=TRTA;
run;

proc format;
  value _gtrxf 1='\bdrb\bdrb THSm2.2+(N=78)'
              2=' \bdrb\bdrb mCC+(N=42)'
              3=' \bdrb\bdrb SA+(N=40)'
              100=' ';
  value tg 1-3='1'
           4-5='2'
           6-8='3'
           100='100';
quit;

%let tit2=;
%maes(sld=adsl,ad=adae,pwhere=SAFAFL='Y',awhere=SAFAFL='Y' and ASPER=3 and ANL03FL='Y',f2=N,odn=t1502060801,tp=1,ps=25,t
adj=N,tg=tg,
  endo=Y,etext=%nrquote(Adverse Events Leading to Study Product Discontinuation, Interruption, or Reduction),CM=Y,lm
1=6,wrap=18,
  ht1=System Organ Class,ht2=Preferred Term,apb=N,owhere=%nrquote(& TRTAN ^in (3 5 8 100)),
  f4=%nrquote("Note: No AE was observed in 3 subjects discontinued during confinement "
              "(N=1 in each THSm2.2, mCC, and SA arm.) and in 1 subject (THSm2.2) with missing product use.))

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