

```

%macro _mtotper;

data _ex2(where=(not missing(period)));
    set sdtm.sv;
    by usubjid;
    /* find out type of study/dosing administration group */
    if epoch='PRODUCT USE CONFINEMENT' then period=1;
run;

/* count periods */
data _ex2a;
    set _ex2;
    by usubjid period;
    if first.usubjid and first.period then numper=1;
    else if first.period then numper+1;
run;

/* find total number of periods/dosing occasions per subject */
proc summary data=_ex2a noprint;
    var period;
    by usubjid;
    output out=_numdose    max=numper;
run;

data _null;
    set _numdose;
    maxp=max(maxp,numper);
    retain maxp;
    call symput('totper',compress(put(maxp,best.)));
run;

%mend _mtotper;

```