

```

%macro m_totper;

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 number=1;

    else if first.period then number+1;

run;


/* find total number of periods/dosing occasions per subject */

proc summary data=_ex2a noprint;

    var period;

    by usubjid;

    output out=_numdose    max=number;

run;


data _null;

```

```
set _numdose;  
maxp=max(maxp,numper);  
retain maxp;  
call symput('totper',compress(put(maxp,best.)));  
run;  
  
%mend m_totper;
```