

*****GROUP 1- 10 RANDOMIZED SUBJECTS*****

*RANDOMIZATION SCHEDULE;

```
proc plan seed=38943841;
  title "RANDOMIZATION SCHEDULE-SITE 1";
  *5*2=10 subject total;
  factors block=5 random treat=2
  random/noprint;
  output out=randsl
  treat nvals=(1 2) random; *1:1 allocation for three tx;
run;
proc sort data=randsl;
  by block;
run;
proc print;
```

*REPLICATION;

```
proc plan seed=38943841;
  title "RANDOMIZATION SCHEDULE REPLICA-SITE 1";
  *5*2=10 subject total;
  factors block=5 random treat=2
  random/noprint;
  output out=randslrep
  treat nvals=(1 2) random; *1:1 allocation for three tx;
run;
proc sort data=randslrep;
  by block;
run;
*comparison;
proc compare base=randsl compare=randslrep;
  title "COMPARISON OF RANDOMIZATION SCHEDULE";
run;
```

*FORMAT VARIABLES;

```
data codesgl;
  format TXCODE $10. TXDOSE $12.;
  set randsl;
  GRPNUM=_N_;
  SEQNUM=_N_;
  if treat=1 then do; TXCODE="Placebo"; TXDOSE= "Placebo"; end;
  if treat=2 then do; TXCODE="Active"; TXDOSE= "20MG"; end;
  drop treat;
run;
```

```
data codeslgl;
  format RANDNUM $6. GROUP $7. DATERAND INITIALS $100.;
  set codesgl;
  GROUP= "SITE 1";
  RANDNUM= "R1" || put(GRPNUM,Z3.);
  DATERAND= "";
  INITIALS= "";
  SUBJNO = "";
run;
```

*****GROUP 2- 20 RANDOMIZED SUBJECTS*****

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;
proc plan seed=75212387;
```

```

title "RANDOMIZATION SCHEDULE-SITE 2";
*5*4=20 subject total;
factors block=5 random treat=4
random/noprint;
output out=rands2
treat nvals=(1 1 2 2) random; *1:1 allocation for two tx;
run;
proc sort data=rands2;
    by block;
run;
proc print;

*REPLICATION;
proc plan seed=75212387;
    title "RANDOMIZATION SCHEDULE REPLICA-SITE 2";
    *5*4=20 subject total;
    factors block=5 random treat=4
    random/noprint;
    output out=rands2rep
    treat nvals=(1 1 2 2) random; *1:1 allocation for two tx;
run;
proc sort data=rands2rep;
    by block;
run;
*Comparison;
proc compare base=rands2 compare=rands2rep;
    title "COMPARISON OF RANDOMIZATION SCHEDULE";
run;

*FORMAT VARIABLES;
data codesg2;
    format TXCODE $10. TXDOSE $12. DATERAND INITIALS $100.;
    set rands2;
    GRPNUM=_N_;
    SEQNUM=_N_+10;
    if treat=1 then do; TXCODE="Placebo"; TXDOSE= "Placebo"; end;
    if treat=2 then do; TXCODE="Active"; TXDOSE= "20MG"; end;
    drop treat;
run;

data codes2g2;
    format RANDNUM $6. GROUP $7. DATERAND INITIALS $100.;
    set codesg2;
    GROUP= "SITE 2";
    RANDNUM= "R2" || put(GRPNUM,Z3.);
    DATERAND=" ";
    INITIALS=" ";
    SUBJNO = " ";
run;
proc print;

data final;
    set codes1g1 codes2g2;
run;

proc sort data=final;
    BY BLOCK SEQNUM;
run;

```

```
data r1;  
  label  
    SEQNUM= "SEQUENTIAL NUMBERING"  
    GROUP= "GROUP"  
    GRPNUM= "NUMBER WITHIN GROUP"  
    BLOCK= "BLOCK NUMBER"  
    RANDNUM= "RANDOMIZATION NUMBER"  
    TXCODE= "TREATMENT ASSIGNMENT"  
    TXDOSE= "DOSE ASSIGNMENT"  
    DATERAND= "DATE SUBJECT WAS RANDOMIZED"  
    INITIALS= "INITIALS OF PHARMACIST RESPONSIBLE FOR RANDOMIZING THE SUBJECT"  
    SUBJNO= "SUBJECT NUMBER"  
;  
set final;  
run;  
proc print;  
QUIT;
```