create or replace procedure p_treatment_man_time_19

```sql
create or replace procedure p_treatment_man_time_19
(exedate varchar2 default to_char(trunc(sysdate,'dd'),'yyyymmdd'))
is
mmax varchar2(8);
i varchar2(8);

begin
  mmax := to_char(trunc(to_date(exedate,'yyyymmdd'),'mm'),'yyyymmdd');
  i:= to_char(add_months(to_date(mmax,'yyyymmdd'),-36),'yyyymmdd');
  DELETE FROM cen_test.tb_sjpt_cube_jzcs
  where nf_id>='Y'||substr(to_char(add_months(trunc(to_date(mmax,'yyyymmdd'),'yyyy'),-24),'yyyymmdd'),1,4);
  COMMIT;

  insert into tb_tmp_sqzg_13
    SELECT DISTINCT idcard, sqjgbm, qjjgbm, sjjgbm, gp_id,
           upper(TRIM(sbkh)) kh, '0' klx
    FROM   outdataexchange.t_sqzg_gpqy_qyxx a
    WHERE  a.qystate = '1'
    AND    sbkh IS NOT NULL
    AND    jlsj < to_date(exedate, 'YYYYMMDD')
    UNION
    SELECT DISTINCT idcard, sqjgbm, qjjgbm, sjjgbm, gp_id,
           upper(TRIM(ybkh)) kh, '1' klx
    FROM   outdataexchange.t_sqzg_gpqy_qyxx a
    WHERE  a.qystate = '1'
    AND    ybkh IS NOT NULL
    AND    jlsj < to_date(exedate, 'YYYYMMDD');

  INSERT /*+ append nologging */INTO  cen_test.tb_sjpt_cube_jzcs a
  SELECT 'Y' || nf nf_id, tt.qxdm qx_id, sqjgbm yljg_id, gp_id,
     COUNT(DISTINCT idcard) qyjms, 0, SUM(jzrc) qyjmnjzcs, 0, 0, 0, 0, 0, 0,
     0, 0, 0,
     SUM(CASE
       WHEN (t.yljgdm = t.sqjgbm OR t.yljgdm = t.qjjgbm OR
          t.yljgdm = t.sjjgbm) THEN
         t.jzrc
       ELSE
         0
       END),
     SUM(CASE
       WHEN t.yljgdm != t.sqjgbm
          AND t.yljgdm != t.qjjgbm
          AND t.yljgdm != t.sjjgbm THEN
         t.jzrc
       ELSE
         0
       END),
     SUM(CASE
       WHEN t.yljgdm = t.sqjgbm THEN
         t.jzrc
       ELSE
         0
       END), 0, 0, 0
  FROM   (SELECT /*+ parallel(a,32) */
         substr(sj, 1, 4) nf, idcard, sqjgbm, qjjgbm, sjjgbm, gp_id,
```

```sql
          d.yljgdm, SUM(a.mjzrc) jzrc
     FROM   cen_test.tb_dtl_mzrc a,
          (select * from tb_tmp_sqzg_13) b,
          outdataexchange.t_sqzg_dic_jgdz_new c,
          outdataexchange.tb_sjpt_dic_jg d
     WHERE   a.kh = b.kh
     AND     a.klx = b.klx
     AND     a.yljgdm = c.yljgdm
     AND     c.wsjgdm = d.yljgdm
     and sj>=substr(to_char(add_months(trunc(to_date(mmax,'yyyymmdd'),'yyyy'),-24),'yyyymmdd'),1,6)
     GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, qjjgbm, sjjgbm, gp_id,
          d.yljgdm) t, outdataexchange.tb_sjpt_dic_jg tt
WHERE   t.sqjgbm = tt.yljgdm
GROUP  BY 'Y' || nf, tt.qxdm, sqjgbm, gp_id;
COMMIT;


insert into tb_tmp_sqzg_13
SELECT DISTINCT idcard, sqjgbm, qjjgbm, sjjgbm, gp_id,
          upper(TRIM(sbkh)) kh, '0' klx
FROM   outdataexchange.t_sqzg_gpqy_qyxx a
WHERE   a.qystate = '1'
AND     sbkh IS NOT NULL
AND     jlsj < to_date(exedate, 'YYYYMMDD')
UNION
SELECT DISTINCT idcard, sqjgbm, qjjgbm, sjjgbm, gp_id,
          upper(TRIM(ybkh)) kh, '1' klx
FROM   outdataexchange.t_sqzg_gpqy_qyxx a
WHERE   a.qystate = '1'
AND     ybkh IS NOT NULL
AND     jlsj < to_date(exedate, 'YYYYMMDD');


insert into tb_tmp_sqzg_11
  SELECT 'Y' || nf nf_id, tt.qxdm qx_id, sqjgbm yljg_id, gp_id,
    SUM(jzfy) qyjmmjzfy,
    SUM(CASE
        WHEN (t.yljgdm = t.sqjgbm OR t.yljgdm = t.qjjgbm OR
          t.yljgdm = t.sjjgbm) THEN
        t.jzfy
        ELSE
        0
      END) zhnmzfy,
    SUM(CASE
        WHEN t.yljgdm != t.sqjgbm
          AND t.yljgdm != t.qjjgbm
          AND t.yljgdm != t.sjjgbm THEN
        t.jzfy
        ELSE
        0
      END) zhwmzfy,
    SUM(CASE
        WHEN t.yljgdm = t.sqjgbm THEN
        t.jzfy
        ELSE
        0
      END) qysqmzfy
  FROM   (SELECT /*+ parallel(a,32) */
      substr(sj, 1, 4) nf, idcard, sqjgbm, qjjgbm, sjjgbm, gp_id, d.yljgdm,
      SUM(a.fy) jzfy
```

```sql
    FROM    cen_test.tb_dtl_mzfy a, tb_tmp_sqzg_13 b,
            outdataexchange.t_sqzg_dic_jgdz_new c,
            outdataexchange.tb_sjpt_dic_jg d
    WHERE   a.kh = b.kh
    AND     a.klx = b.klx
    AND     a.yljgdm = c.yljgdm
    AND     c.wsjgdm = d.yljgdm
    and sj>=substr(to_char(add_months(trunc(to_date(mmax,'yyyymmdd'),'yyyy'),-24),'yyyymmdd'),1,6)
    GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, qjjgbm, sjjgbm, gp_id,
            d.yljgdm) t, outdataexchange.tb_sjpt_dic_jg tt
  WHERE  t.sqjgbm = tt.yljgdm
  GROUP  BY 'Y' || nf, tt.qxdm, sqjgbm, gp_id;


MERGE INTO cen_test.tb_sjpt_cube_jzcs a
USING tb_tmp_sqzg_11 b
ON (a.nf_id = b.nf_id AND a.qx_id = b.qx_id AND a.yljg_id = b.yljg_id AND a.gp_id = b.gp_id)
WHEN MATCHED THEN
UPDATE
SET    a.qyjmmjzfy = b.qyjmmjzfy, a.zhnmzfy = b.zhnmzfy,
    a.zhwmzfy = b.zhwmzfy, a.qysqmzfy = b.qysqmzfy
WHEN NOT MATCHED THEN
INSERT
VALUES
  (b.nf_id, b.qx_id, b.yljg_id, b.gp_id, 0, 0, 0, 0, b.qyjmmjzfy, 0, 0, 0,
  0, 0, 0, 0, 0, 0, b.zhnmzfy, b.zhwmzfy, b.qysqmzfy);
COMMIT;


_____

loop
  i := to_char(add_months(to_date(i,'yyyymmdd'),12),'yyyymmdd');
  exit when i > mmax;
  insert into tb_tmp_sqzg_12
    SELECT 'Y'||to_char(to_date(i,'yyyymmdd'),'yyyy') nf_id, tt.qxdm qx_id, sqjgbm yljg_id, gp_id,
      COUNT(DISTINCT idcard) qyjms2, SUM(jzrc) qyjmnjzcs2
    FROM    (SELECT /*+ parallel(a,32) */
          substr(sj, 1, 4) nf, idcard, sqjgbm, gp_id, SUM(a.mjzrc) jzrc
          FROM   cen_test.tb_dtl_mzrc a, tb_tmp_sqzg_13 b,
              outdataexchange.t_sqzg_dic_jgdz_new c,
              outdataexchange.tb_sjpt_dic_jg d
          WHERE  a.kh = b.kh
          AND     a.klx = b.klx
          AND     a.yljgdm = c.yljgdm
          AND     c.wsjgdm = d.yljgdm
          AND     sj >= substr(to_char(add_months(trunc(to_date(i,'yyyymmdd'),'yyyy'),-12),'yyyymmdd'),1,6)
          AND     sj <
            case when trunc(to_date(i,'yyyymmdd'),'yyyy') < trunc(to_date(mmax,'yyyymmdd'),'yyyy') then
              substr(to_char(trunc(to_date(i,'yyyymmdd'),'yyyy'),'yyyymmdd'),1,6)
            else substr(to_char(trunc(add_months(to_date(i,'yyyymmdd'),-11),'mm'),'yyyymmdd'),1,6)
              end
          GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, gp_id) t,
        outdataexchange.tb_sjpt_dic_jg tt
      WHERE  t.sqjgbm = tt.yljgdm
      GROUP  BY tt.qxdm, sqjgbm, gp_id;

  MERGE INTO cen_test.tb_sjpt_cube_jzcs a
  USING tb_tmp_sqzg_12 b
  ON (a.nf_id = b.nf_id AND a.qx_id = b.qx_id AND a.yljg_id = b.yljg_id AND a.gp_id = b.gp_id)
  WHEN MATCHED THEN
```

```sql
        UPDATE SET a.qyjms2 = b.qyjms2, a.qyjmnjzcs2 = b.qyjmnjzcs2
        WHEN NOT MATCHED THEN
        INSERT
        VALUES
          (b.nf_id, b.qx_id, b.yljg_id, b.gp_id, 0, 0, 0, 0, 0, b.qyjms2,
           b.qyjmnjzcs2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0);
        COMMIT;


      insert into tb_tmp_sqzg_12(nf_id,qx_id,yljg_id,gp_id,qyjmnjzcs2)
        SELECT 'Y'||to_char(to_date(i,'yyyymmdd'),'yyyy') nf_id, tt.qxdm qx_id, sqjgbm yljg_id, gp_id,
          SUM(jzfy) qyjmnjzcs2
        FROM   (SELECT /*+ parallel(a,32) */
              substr(sj, 1, 4) nf, idcard, sqjgbm, gp_id, SUM(a.fy) jzfy
            FROM   cen_test.tb_dtl_mzfy a, tb_tmp_sqzg_13 b,
                 outdataexchange.t_sqzg_dic_jgdz_new c,
                 outdataexchange.tb_sjpt_dic_jg d
            WHERE  a.kh = b.kh
            AND    a.klx = b.klx
            AND    a.yljgdm = c.yljgdm
            AND    c.wsjgdm = d.yljgdm
            AND    sj >= substr(to_char(add_months(trunc(to_date(i,'yyyymmdd'),'yyyy'),-12),'yyyymmdd'),1,6)
            AND    sj <
              case when trunc(to_date(i,'yyyymmdd'),'yyyy') < trunc(to_date(mmax,'yyyymmdd'),'yyyy') then
                substr(to_char(trunc(to_date(i,'yyyymmdd'),'yyyy'),'yyyymmdd'),1,6)
              else substr(to_char(trunc(add_months(to_date(i,'yyyymmdd'),-11),'mm'),'yyyymmdd'),1,6)
                end
            GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, gp_id) t,
          outdataexchange.tb_sjpt_dic_jg tt
        WHERE  t.sqjgbm = tt.yljgdm
        GROUP  BY tt.qxdm, sqjgbm, gp_id;


      MERGE INTO cen_test.tb_sjpt_cube_jzcs a
      USING tb_tmp_sqzg_12 b
      ON (a.nf_id = b.nf_id AND a.qx_id = b.qx_id AND a.yljg_id = b.yljg_id AND a.gp_id = b.gp_id)
      WHEN MATCHED THEN
      UPDATE SET a.qyjmmjzfy2 = b.qyjmnjzcs2
      WHEN NOT MATCHED THEN
      INSERT
      VALUES
        (b.nf_id, b.qx_id, b.yljg_id, b.gp_id, 0, 0, 0, 0, 0, 0, 0,
         b.qyjmnjzcs2, 0, 0, 0, 0, 0, 0, 0, 0, 0);
      COMMIT;
    end loop;


----------------------------------------------


  insert into tb_tmp_sqzg_14
    SELECT /*+ parallel(a,32) */
    substr(sj, 1, 4) nf, idcard, sqjgbm, gp_id, SUM(a.mjzrc) jzrc
    FROM   cen_test.tb_dtl_mzrc a, tb_tmp_sqzg_13 b, outdataexchange.t_sqzg_dic_jgdz_new c,
      outdataexchange.tb_sjpt_dic_jg d
    WHERE  a.kh = b.kh
    AND    a.klx = b.klx
    AND    a.yljgdm = c.yljgdm
    AND    c.wsjgdm = d.yljgdm
    AND    d.yljgdm = b.sqjgbm
    and sj>=substr(to_char(add_months(trunc(to_date(mmax,'yyyymmdd'),'yyyy'),-24),'yyyymmdd'),1,6)
    GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, gp_id;
```

```sql
MERGE INTO cen_test.tb_sjpt_cube_jzcs a
USING (SELECT 'Y' || nf nf_id, tt.qxdm qx_id, sqjgbm yljg_id, gp_id,
          COUNT(DISTINCT idcard) qysqmzrs
    FROM   tb_tmp_sqzg_14 t, outdataexchange.tb_sjpt_dic_jg tt
    WHERE  t.sqjgbm = tt.yljgdm
    GROUP  BY 'Y' || nf, tt.qxdm, sqjgbm, gp_id) b
ON (a.nf_id = b.nf_id AND a.qx_id = b.qx_id AND a.yljg_id = b.yljg_id AND a.gp_id = b.gp_id)
WHEN MATCHED THEN
UPDATE SET a.qysqmzrs = b.qysqmzrs;
COMMIT;


INSERT /*+ append nologging */INTO  tb_tmp_sqzg_14
SELECT /*+ parallel(a,32) */
substr(sj, 1, 4) nf, idcard, sqjgbm, gp_id, SUM(a.mjzrc) jzrc
FROM   cen_test.tb_dtl_mzrc a, tb_tmp_sqzg_13 b, outdataexchange.t_sqzg_dic_jgdz_new c,
    outdataexchange.tb_sjpt_dic_jg d
WHERE  a.kh = b.kh
AND    a.klx = b.klx
AND    a.yljgdm = c.yljgdm
AND    c.wsjgdm = d.yljgdm
AND    d.yljgdm = b.qjjgbm
and sj>=substr(to_char(add_months(trunc(to_date(mmax,'yyyymmdd'),'yyyy'),-24),'yyyymmdd'),1,6)
GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, gp_id;
COMMIT;


INSERT /*+ append nologging */INTO  tb_tmp_sqzg_14
SELECT /*+ parallel(a,32) */
substr(sj, 1, 4) nf, idcard, sqjgbm, gp_id, SUM(a.mjzrc) jzrc
FROM   cen_test.tb_dtl_mzrc a, tb_tmp_sqzg_13 b, outdataexchange.t_sqzg_dic_jgdz_new c,
    outdataexchange.tb_sjpt_dic_jg d
WHERE  a.kh = b.kh
AND    a.klx = b.klx
AND    a.yljgdm = c.yljgdm
AND    c.wsjgdm = d.yljgdm
AND    d.yljgdm = b.sjjgbm
and sj>=substr(to_char(add_months(trunc(to_date(mmax,'yyyymmdd'),'yyyy'),-24),'yyyymmdd'),1,6)
GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, gp_id;
COMMIT;


MERGE INTO cen_test.tb_sjpt_cube_jzcs a
USING (SELECT 'Y' || nf nf_id, tt.qxdm qx_id, sqjgbm yljg_id, gp_id,
          COUNT(DISTINCT idcard) zhnmzrs
    FROM   tb_tmp_sqzg_14 t, outdataexchange.tb_sjpt_dic_jg tt
    WHERE  t.sqjgbm = tt.yljgdm
    GROUP  BY 'Y' || nf, tt.qxdm, sqjgbm, gp_id) b
ON (a.nf_id = b.nf_id AND a.qx_id = b.qx_id AND a.yljg_id = b.yljg_id AND a.gp_id = b.gp_id)
WHEN MATCHED THEN
UPDATE SET a.zhnmzrs = b.zhnmzrs;
COMMIT;


delete from tb_tmp_sqzg_14;
commit;


insert into tb_tmp_sqzg_14
SELECT /*+ parallel(a,32) */
substr(sj, 1, 4) nf, idcard, sqjgbm, gp_id, SUM(a.mjzrc) jzrc
FROM   cen_test.tb_dtl_mzrc a, tb_tmp_sqzg_13 b, outdataexchange.t_sqzg_dic_jgdz_new c,
```

```sql
       outdataexchange.tb_sjpt_dic_jg d
WHERE   a.kh = b.kh
AND     a.klx = b.klx
AND     a.yljgdm = c.yljgdm
AND     c.wsjgdm = d.yljgdm
AND     d.yljgdm != b.sqjgbm
AND     d.yljgdm != b.qjjgbm
AND     d.yljgdm != b.sjjgbm
and sj>=substr(to_char(add_months(trunc(to_date(mmax,'yyyymmdd'),'yyyy'),-24),'yyyymmdd'),1,6)
GROUP  BY substr(sj, 1, 4), idcard, sqjgbm, gp_id;


MERGE INTO cen_test.tb_sjpt_cube_jzcs a
USING (SELECT 'Y' || nf nf_id, tt.qxdm qx_id, sqjgbm yljg_id, gp_id,
       COUNT(DISTINCT idcard) zhwmzrs
  FROM   tb_tmp_sqzg_14 t, outdataexchange.tb_sjpt_dic_jg tt
  WHERE  t.sqjgbm = tt.yljgdm
  GROUP  BY 'Y' || nf, tt.qxdm, sqjgbm, gp_id) b
ON (a.nf_id = b.nf_id AND a.qx_id = b.qx_id AND a.yljg_id = b.yljg_id AND a.gp_id = b.gp_id)
WHEN MATCHED THEN
UPDATE SET a.zhwmzrs = b.zhwmzrs;
COMMIT;


delete from tb_tmp_sqzg_14;
commit;


end p_treatment_man_time_19;
```