* 참조할 Table 내역

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| scrprexh --접수 테이블  pmcptbsm --환자인적내역  scccoifm --진단 검사 의학과 검사 코드 마스타  mosxpslh --처방내역  scrrslth --검사 결과  scccodem --진단 검사 의학과 코드 마스타  hzcuserm -- 사용자관리 |

* 검사대상자 list 조회

scrrslth 테이블에 exam\_stus가 (0 : 접수) 상태만 조회해온다.(query 참조)

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| * 검사대상자 list 조회 query   SELECT /\*+ INDEX (coif scccoifm\_ix1) INDEX (prex scrprexh\_ix3)  INDEX (ptbs pmcptbsm\_ux1) INDEX (rslt scrrslth\_ux1)  INDEX (xpsl mosxpslh\_ix2) \*/  prex.acp\_dt , prex.smp\_no , coif.exam\_mach\_cd ,  rslt.exam\_stus, prex.pt\_no , ptbs.pt\_nm ,  ptbs.ssn\_1 , ptbs.ssn\_2 ,  DECODE(xpsl.gnl\_add\_typ\_cd,'3','I',xpsl.prcp\_knd\_cd) ,  xpsl.adms\_ymd , xpsl.mn\_sub\_typ\_cd, xpsl.med\_dpt\_cd ,  xpsl.med\_ymd , MAX(TRIM(coif.lmt\_trm\_day))  FROM scrprexh prex, pmcptbsm ptbs, scccoifm coif, mosxpslh xpsl, scrrslth rslt  WHERE prex.hos\_org\_no = :hs\_hos\_org\_no  AND SUBSTR(prex.acp\_dt,1,8) BETWEEN :hs\_fr\_ymd AND :hs\_to\_ymd  AND prex.smp\_no LIKE :hs\_smp\_no  AND rslt.hos\_org\_no = prex.hos\_org\_no  AND rslt.smp\_no = prex.smp\_no  AND rslt.prcp\_seq = prex.prcp\_seq  AND rslt.exam\_seq = prex.exam\_seq  AND rslt.exam\_stus IN ('0')  AND ptbs.hos\_org\_no = prex.hos\_org\_no  AND ptbs.pt\_no = prex.pt\_no  AND coif.hos\_org\_no = prex.hos\_org\_no  AND coif.exam\_cd = prex.cd  AND coif.use\_typ = 'Y'  AND SUBSTR(prex.acp\_dt,1,8) BETWEEN coif.fr\_dt AND coif.to\_dt  AND coif.exam\_mach\_cd LIKE :hs\_mach\_cd  AND xpsl.smp\_no = prex.smp\_no  AND xpsl.hos\_org\_no = prex.hos\_org\_no  AND xpsl.prcp\_typ\_cd IN ('O','C')  GROUP BY prex.acp\_dt , prex.smp\_no , coif.exam\_mach\_cd ,  rslt.exam\_stus, prex.pt\_no , ptbs.pt\_nm ,  ptbs.ssn\_1 , ptbs.ssn\_2 ,  DECODE(xpsl.gnl\_add\_typ\_cd,'3','I',xpsl.prcp\_knd\_cd) ,  xpsl.adms\_ymd , xpsl.mn\_sub\_typ\_cd, xpsl.med\_dpt\_cd ,  xpsl.med\_ymd  ORDER BY prex.acp\_dt, prex.smp\_no ; |

* 검사내역 조회

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| SELECT /\*+ INDEX(rslt scrrslth\_ux1) INDEX (coif scccoifm\_ix1) \*/  rslt.smp\_no , rslt.prcp\_seq , rslt.exam\_seq ,  rslt.rept\_seq , rslt.cd , rslt.pt\_no ,  rslt.exam\_stus, rslt.mach\_rslt , rslt.exam\_rslt ,  coif.exam\_nm , :hs\_mach\_cd , -- coif.exam\_mach\_cd  prex.acp\_dt , ptbs.pt\_nm , ptbs.ssn\_1 ,  ptbs.ssn\_2 , xpsl.pt\_no , DECODE(xpsl.gnl\_add\_typ\_cd,'3','I',xpsl.prcp\_knd\_cd),  xpsl.adms\_ymd , xpsl.mn\_sub\_typ\_cd, xpsl.med\_dpt\_cd,  xpsl.med\_ymd , coif.spc\_cd , codm.cd\_desc  FROM scrrslth rslt, scccoifm coif, scccodem codm, scrprexh prex,  mosxpslh xpsl, pmcptbsm ptbs  WHERE rslt.hos\_org\_no = :hs\_hos\_org\_no  AND rslt.smp\_no = :hs\_smp\_no  AND rslt.exam\_stus IN ('0','1','2')  AND coif.hos\_org\_no = rslt.hos\_org\_no  AND coif.exam\_cd = rslt.cd  AND SUBSTR(prex.acp\_dt,1,8) BETWEEN coif.fr\_dt AND coif.to\_dt  AND coif.exam\_mach\_cd = :hs\_mach\_cd  AND codm.hos\_org\_no = coif.hos\_org\_no  AND codm.typ\_cd = '02'  AND codm.cd = coif.spc\_cd  AND SUBSTR(prex.acp\_dt,1,8) BETWEEN codm.fr\_dt AND codm.to\_dt  AND prex.hos\_org\_no = rslt.hos\_org\_no  AND prex.smp\_no = rslt.smp\_no  AND prex.prcp\_seq = rslt.prcp\_seq  AND prex.exam\_seq = rslt.exam\_seq  AND xpsl.hos\_org\_no = prex.hos\_org\_no  AND xpsl.smp\_no = prex.smp\_no  AND xpsl.acp\_no = prex.prcp\_seq  AND xpsl.prcp\_typ\_cd IN ('O','C')  AND ptbs.hos\_org\_no = prex.hos\_org\_no  AND ptbs.pt\_no = prex.pt\_no  ; |

* 결과처리

scrrslth 검사 결과 테이블 수정

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| UPDATE scrrslth  SET dla\_stus = :new\_rslt.dla\_stus,  pnc\_stus = :new\_rslt.pnc\_stus,  exam\_stus = :new\_rslt.exam\_stus,  exam\_rslt = :new\_rslt.exam\_rslt,  exam\_rslt\_cd = :new\_rslt.exam\_rslt\_cd,  mach\_rslt = :new\_rslt.mach\_rslt,  mach\_rslt\_cd = :new\_rslt.exam\_rslt\_cd,  exam\_dt = :new\_rslt.exam\_dt,  exam\_empno = :new\_rslt.exam\_empno  WHERE hos\_org\_no = :new\_rslt.hos\_org\_no  AND smp\_no = :new\_rslt.smp\_no  AND prcp\_seq = :new\_rslt.prcp\_seq  AND exam\_seq = :new\_rslt.exam\_seq  AND rept\_seq = :new\_rslt.rept\_seq; |

scrprexh 검사 장부 테이블의 smp\_stus 수정

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| /\* Single 검사 결과 Update \*/  EXEC SQL DECLARE csr\_update\_stus\_prex CURSOR FOR  SELECT smp\_no, prcp\_seq, exam\_seq,  CASE WHEN jup\_cnt = tot\_cnt THEN '0'  WHEN yeb\_cnt = tot\_cnt THEN '1'  WHEN cho\_cnt = tot\_cnt THEN '3'  WHEN int\_cnt = tot\_cnt THEN '6'  WHEN suj\_cnt + cho\_cnt = tot\_cnt THEN '4'  WHEN jup\_cnt + yeb\_cnt + int\_cnt = tot\_cnt AND yeb\_cnt != 0 THEN '1'  WHEN jup\_cnt + yeb\_cnt + int\_cnt = tot\_cnt AND int\_cnt != 0 THEN '6'  ELSE '2' END AS smp\_stus  FROM (SELECT smp\_no, prcp\_seq, exam\_seq,  MAX(NVL(jup\_cnt, 0)) AS jup\_cnt,  MAX(NVL(yeb\_cnt, 0)) AS yeb\_cnt,  MAX(NVL(yil\_cnt, 0)) AS yil\_cnt,  MAX(NVL(cho\_cnt, 0)) AS cho\_cnt,  MAX(NVL(suj\_cnt, 0)) AS suj\_cnt,  MAX(NVL(int\_cnt, 0)) AS int\_cnt,  SUM(tot\_cnt) AS tot\_cnt  FROM (SELECT smp\_no, prcp\_seq, exam\_seq,  DECODE(exam\_stus, '0', count(\*)) AS jup\_cnt,  DECODE(exam\_stus, '1', count(\*)) AS yeb\_cnt,  DECODE(exam\_stus, '2', count(\*)) AS yil\_cnt,  DECODE(exam\_stus, '3', count(\*)) AS cho\_cnt,  DECODE(exam\_stus, '4', count(\*)) AS suj\_cnt,  DECODE(exam\_stus, '6', count(\*)) AS int\_cnt,  COUNT(\*) AS tot\_cnt  FROM scrrslth  WHERE hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  GROUP BY smp\_no, prcp\_seq, exam\_seq, exam\_stus)  GROUP BY smp\_no, prcp\_seq, exam\_seq);    EXEC SQL OPEN csr\_update\_stus\_prex;  while(1)  {  scrprexh\_clr(&prex);    EXEC SQL FETCH csr\_update\_stus\_prex  INTO :prex.smp\_no, :prex.prcp\_seq, :prex.exam\_seq, :prex.smp\_stus;    EXEC SQL UPDATE scrprexh  SET smp\_stus = :prex.smp\_stus,  rept\_empno = DECODE(smp\_stus, :prex.smp\_stus, rept\_empno, :prex.rept\_empno),  rept\_dt = DECODE(smp\_stus, :prex.smp\_stus, rept\_dt, :prex.rept\_dt)  WHERE hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  AND prcp\_seq = :prex.prcp\_seq  AND exam\_seq = :prex.exam\_seq;  }  EXEC SQL CLOSE csr\_update\_stus\_prex;  /\* Group 검사 결과 Update \*/  EXEC SQL DECLARE csr\_grup\_update\_stus CURSOR FOR  SELECT \*  FROM scrprexh  WHERE hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  AND gr\_sng\_cd = 'G'  START WITH hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  AND parn\_seq = 0  CONNECT BY PRIOR exam\_seq = parn\_seq  AND hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  ORDER BY level DESC;  EXEC SQL OPEN csr\_grup\_update\_stus;  while(1)  {  EXEC SQL FETCH csr\_grup\_update\_stus INTO :prex;  EXEC SQL UPDATE scrprexh  SET smp\_stus =  (SELECT CASE WHEN jup\_cnt = tot\_cnt THEN '0'  WHEN yeb\_cnt = tot\_cnt THEN '1'  WHEN cho\_cnt = tot\_cnt THEN '3'  WHEN int\_cnt = tot\_cnt THEN '6'  WHEN suj\_cnt + cho\_cnt = tot\_cnt THEN '4'  WHEN jup\_cnt + yeb\_cnt + int\_cnt = tot\_cnt AND yeb\_cnt != 0 THEN '1'  WHEN jup\_cnt + yeb\_cnt + int\_cnt = tot\_cnt AND int\_cnt != 0 THEN '6'  ELSE '2' END AS smp\_stus  FROM (SELECT MAX(jup\_cnt) AS jup\_cnt,  MAX(yeb\_cnt) AS yeb\_cnt,  MAX(yil\_cnt) AS yil\_cnt,  MAX(cho\_cnt) AS cho\_cnt,  MAX(suj\_cnt) AS suj\_cnt,  MAX(int\_cnt) AS int\_cnt,  SUM(tot\_cnt) AS tot\_cnt  FROM (SELECT NVL(DECODE(smp\_stus,0,count(\*)),0) AS jup\_cnt,  NVL(DECODE(smp\_stus,1,count(\*)),0) AS yeb\_cnt,  NVL(DECODE(smp\_stus,2,count(\*)),0) AS yil\_cnt,  NVL(DECODE(smp\_stus,3,count(\*)),0) AS cho\_cnt,  NVL(DECODE(smp\_stus,4,count(\*)),0) AS suj\_cnt,  NVL(DECODE(smp\_stus,6,count(\*)),0) AS int\_cnt,  COUNT(\*) AS tot\_cnt  FROM scrprexh  WHERE hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  AND prcp\_seq = :prex.prcp\_seq  AND parn\_seq = :prex.exam\_seq  GROUP BY smp\_stus))),  rept\_empno = DECODE(smp\_stus, :prex.smp\_stus, rept\_empno, :prex.rept\_empno),  rept\_dt = DECODE(smp\_stus, :prex.smp\_stus, rept\_dt, :prex.rept\_dt)  WHERE hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  AND prcp\_seq = :prex.prcp\_seq  AND exam\_seq = :prex.exam\_seq;  }  EXEC SQL CLOSE csr\_grup\_update\_stus; |

mosxpslh 처방 테이블의 prcp\_stus\_cd 수정

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| UPDATE mosxpslh a  SET prcp\_stus\_cd = (SELECT TO\_NUMBER(smp\_stus) + 3  FROM scrprexh b  WHERE a.hos\_org\_no = b.hos\_org\_no  AND a.smp\_no = b.smp\_no  AND a.acp\_no = b.prcp\_seq  AND b.prcp\_yn = 'Y'),  result\_ymd = TO\_CHAR(SYSDATE, 'yyyymmddhh24mi')  WHERE hos\_org\_no = :prex.hos\_org\_no  AND smp\_no = :prex.smp\_no  AND prcp\_typ\_cd IN ('O','C')  AND acp\_dt IS NOT NULL; |

* DB 접속시

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| 요양기관기호 : 77777770  서버 IP : 192.168.1.250  ID : outmed  PWD : outmed  SID : hospital |