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DROP TABLE IF EXISTS ##OR_ELECTIVE;
DROP TABLE IF EXISTS ##ICD10_LIST_PNCLLN;
DROP TABLE IF EXISTS ##PAR_LIST_PNCLLN;
DROP TABLE IF EXISTS ##ORE_FINAL;
DROP TABLE IF EXISTS ##PASES;

-----ICD10 PENICILLIN ALLERGY -----

SELECT *
INTO ##ICD10_LIST_PNCLLN
FROM (
    SELECT DISTINCT ACCOUNT_NUMBER, CODE_TYPE, "VALUE" FROM ARSPLIT.ARPECDD CDD
WHERE "VALUE" = 'Z880' and ACTIVE_FLAG = ' ' and HOSPITAL_NUMBER = 1
) A

-----ARPPAR ORDER CODE PENICILLIN ALLERGY -----

SELECT *
INTO ##PAR_LIST_PNCLLN
FROM (
    SELECT DISTINCT PXSSN, PXSSNF, PXORCD, TSDESC FROM ARSPLIT.ARPPAR PAR
    LEFT JOIN ARSPLIT.ARPTST TST ON PAR.PXORCD = TST.TSORCD AND
TST.TSHSP# = 1 --AND TST.TSDESC LIKE '%PENICILLIN%'
    WHERE TST.TSDESC LIKE '%PENICILLIN%'
) A

----- START OF OR PROCEDURES FOR PROVIDER PROCEDURE REVIEW -----
SELECT
*
, YEAR(SURGERYDATE) - YEAR(PATIENTDOB) AGE
, CASE
    WHEN PNCLN_ICD10 <> ' ' THEN 'Y'
    ELSE ' ' END AS PNCLN_ALLERGY
INTO ##OR_ELECTIVE
FROM(
    SELECT DISTINCT
        SCH.SHAFT# AS ACCOUNTNUMBER
        ,PID.PISEX AS PATIENTSEX
        ,VW.RACE AS RACE
        ,VW.ETHNICITY AS ETHNICITY
        ,ELE.CDDESC ELETYP
        ,CASE
            WHEN PNC."VALUE" IS NOT NULL THEN 'Y'
            ELSE ' ' END AS PNCLN_ICD10
        ,CLN.CLPTYP AS PATIENTTYPE
        ,STUFF(STUFF(SCH.SHABDT, 5, 0, '-'),8,0, '-') AS SURGERYDATE
        ,SCH.SHECCP AS SURGICALCODE
        ,SRP.SRSURC AS SURGPROCCATCODE
        ,SRP.SRSURD AS SURGPROCDESCR
        --,CLN.CLPT05
    FROM WEBHIS_STAGE.ARSPLIT.ARPSCH SCH
    JOIN WEBHIS_STAGE.ARSPLIT.ARPPHY PHY ON SCH.SHECNP = PHY.PHDR#
        AND SCH.SHHSP#=1
        AND SCH.SHHSP# = PHY.PHHSP#
        AND SCH.SHSBDT >0
    INNER JOIN WEBHIS_STAGE.ARSPLIT.ARPSCD SCD ON SCH.SHEVT# =
SCD.SDEVT#

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LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPSRP SRP ON SCH.SHHSP# = SRP.SRHSP#

AND SCH.SHECCP = SRP.SRSURP
LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPCLN CLN ON SCH.SHHSP# = CLN.CLHSP#

AND SCH.SHACT# = CLN.CLACT#
LEFT JOIN VW_GET_RACE_ETHNICITY VW ON CLN.CLMR# = VW.PIMR#
LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPCODUB ELE ON CLN.CLADCA =
ELE.CDCODE AND ELE.CDCTYP = 'AC'
LEFT JOIN ##ICD10_LIST_PNCLLN PNC ON CLN.CLACT# = PNC.ACCOUNT_NUMBER
LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPPID PID ON PID.PIHSP# = CLN.CLHSP#

AND PID.PISSN = CLN.CLSSN
AND PID.PISSNF = CLN.CLSSNF
LEFT JOIN ##PAR_LIST_PNCLLN PNC2 ON CLN.CLSSN = PNC2.PXSSN AND
CLN.CLSSNF = PNC2.PXSSNF

WHERE SCD.SDRMJC = 'ORR'
AND SCH.SHAIFL <> 'D'
AND CLN.CLADCA IN ('A','B','C','D','E','O','S','3') --
ELECTIVE SURGERY RELATED CATEGORIES
AND CAST( CONVERT(DATE,CAST(SCH.SHSBDT AS VARCHAR(8) ) ) AS
VARCHAR(10) ) >= '2024-02-21'
--AND CAST( CONVERT(DATE,CAST(SCH.SHSBDT AS VARCHAR(8) ) ) AS
VARCHAR(10) ) <= '2023-03-31'
)A
WHERE ACCOUNTNUMBER <> 0 AND SURGERYDATE IS NOT NULL
;

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SELECT *
INTO ##ORE_FINAL
FROM ##OR_ELECTIVE
WHERE PNCLN_ALLERGY = 'Y'

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----- PASES FORM QUERY -----
DROP TABLE IF EXISTS ##PASES;

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SELECT --*
ACCT#
,FormCode
,SUM(FormScore) FormScore
INTO ##PASES
FROM (
SELECT DISTINCT
EFMH1.EHACT# ACCT#
,EFMH1.EHFMCD FormCode
,EFMD1.EDKEYW FormQCode
,FMD1.FDTITL FormQuestion
,FMDE1.FECDES FormResponse
,FMDE1.FECSCR FormScore
FROM [WEBHIS_STAGE].[ARSPLIT].[ARPEFMH] EFMH1
JOIN WEBHIS_STAGE.ARSPLIT.ARPEFMD EFMD1 ON EFMH1.EHHSP#=EFMD1.EDHSP#
AND EFMH1.EHACT#=EFMD1.EDACT#
AND EFMH1.EHFSEQ=EFMD1.EDFSEQ
AND EFMH1.EHFMCD = 469 -- PASES FORM
LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPFMDE FMDE1 ON FMDE1.FEHSP#=EFMH1.EHHSP#
AND FMDE1.FEFMCD=EFMH1.EHFMCD

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        AND FMDE1.FEKEYW=EFMD1.EDKEYW
        AND FMDE1.FEVERS=EFMH1.EHVERS
        AND FMDE1.FECCOD=EFMD1.EDVALU
    LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPFMD FMD1 ON FMD1.FDHSP#=FMDE1.FEHSP#
        AND FMDE1.FEFMCD=FMD1.FDFMCD
        AND FMDE1.FEVERS=FMD1.FDVERS
        AND FMDE1.FEKEYW=FMD1.FDKEYW
        AND EFMD1.EDSEQ#=FMD1.FDSEQ#
        AND EFMH1.EHFSEQ=EFMD1.EDFSEQ
    LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPSEI SEIS ON EFMH1.EHFEID = SEIS.SIEID#
    LEFT JOIN WEBHIS_STAGE.ARSPLIT.ARPSEI SEIC ON EFMH1.EHEID# = SEIC.SIEID#
) A
GROUP BY
ACCT#
,FormCode

--SELECT * FROM ##PASES

===== FINAL QUERY THAT TAKES ALL ELECTIVE SURGERY PATIENTS THAT HAVE A
PENICILLIN ALLERGY AND IF THEY FILLED OUT PASES =====
SELECT
CASE
    WHEN ORE.SURGERYDATE < DATEADD(day, -15, GETDATE()) THEN ' '
    ELSE 'NEW'
END AS 'RECORD'
,ORE.*
,WEB.FormCode
,WEB.FormScore
-- Calculate 'Months' column
,FORMAT(CAST(ORE.SURGERYDATE AS DATE), 'MMM') AS Months
-- Calculate 'Form Status' column
,CASE
    WHEN WEB.FormCode IS NULL THEN 'MISSING'
    WHEN WEB.FormCode = 469 AND WEB.SignedbyName IS NULL THEN 'Draft'
    ELSE 'Complete'
END AS [Form Status]
-- Calculate 'DONE' column
,CASE
    WHEN WEB.FormCode = 469 THEN 1
    ELSE 0
END AS DONE

FROM ##ORE_FINAL ORE
LEFT JOIN ##PASES WEB ON ORE.ACCOUNTNUMBER = WEB.ACCT#
ORDER BY ORE.SURGERYDATE DESC

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