# Feilretting utført i EndoJournal

## Bakgrunn

Skjema 571 Hyperprolaktinemi har manglet et spørsmål om bildediagnostikk (6986). Dette er et screeningspørsmål som skulle utløst 6987, 6988, 7506 og 8092. Hvis vi redigerer skjemaet og legger til 6986 slik den burde være, vil disse variablene plutselig bli skjult, og erstattet av tomme verdier.

## Mulig løsning

Samtidig som skjemaet redigeres og gjør 6987..8092 om til avhengige variable, må vi legge til data for 6986 i databasen, slik at disse variable ikke skjules når skjemaet opprettes på nytt. Vi finner frem til alle EventId som har noen av disse variablene utfylt, og så legger vi til

## Mulig problem

Hvis variablene 6988, 7506 og 8092 er fylt ut uten at variabel 6987 er utfylt vil variablene fortsatt skjules,

-- Check dates, make sure they are valid

SELECT \* FROM ClinObservation WHERE VarName='VAR6987' AND NOT DtVal IS NULL

ORDER BY DtVal DESC

GO

-- Check text, make sure they all refer to a picture

SELECT \* FROM ClinObservation WHERE VarName='VAR8092' AND NOT TextVal IS NULL

GO

-- Give rights to INSERT

GRANT INSERT ON ClinObservation TO public

GO

CREATE PROCEDURE Fix0001 AS

BEGIN

-- Find all events that have variables that will become conditional

SELECT EventId,TouchId,0 AS VAR6986Count

INTO #temp

FROM ClinObservation

WHERE VarName='VAR6987' AND NOT DtVal IS NULL

UNION

SELECT EventId,TouchId,0 FROM ClinObservation

WHERE VarName='PituitaryTumorSize' AND NOT Quantity IS NULL

UNION

SELECT EventId,TouchId,0 FROM ClinObservation

WHERE VarName='VAR7506' AND NOT EnumVal IS NULL

UNION

SELECT EventId,TouchId,0 FROM ClinObservation

WHERE VarName='VAR8092' AND NOT NULLIF(TextVal,'') IS NULL;

-- Count VAR6986 on same EventId

UPDATE #temp SET VAR6986Count =

(SELECT COUNT(\*) FROM ClinObservation WHERE EventId=#temp.EventId AND VarName='VAR6986' );

-- Remove all EventIds that already have a VAR6986

DELETE FROM #temp WHERE Var6986Count <> 0;

-- Remove all EventIds that don't have this form

DELETE FROM #temp WHERE NOT EventId IN ( SELECT EventId FROM ClinForm WHERE FormId=571);

-- Find the lowest TouchId, first time these variables were edited

SELECT EventId,MIN(TouchId) AS TouchId

INTO #temp2

FROM #temp GROUP BY EventId;

-- Add VAR6986 for the rest

--INSERT INTO ClinObservation( EventId,VarName,Quantity,EnumVal,TouchId )

SELECT EventId,'VAR6986',1.0,1,TouchId FROM #temp2

END

GO

EXEC Fix0001

GO

CREATE PROCEDURE Verify0001 AS

BEGIN

SELECT EventId

FROM ClinObservation

WHERE VarName='VAR6987' AND NOT DtVal IS NULL

EXCEPT

SELECT EventId

FROM ClinObservation

WHERE VarName='VAR6986';

END

GO

-- This procedure should return an empty dataset now

EXEC Verify0001

GO

REVOKE INSERT ON ClinObservation TO [public]

GO

DROP PROCEDURE Fix0001

GO

DROP PROCEDURE Verify0001

GO