



# MENA GROUP CONSULTING, LLC

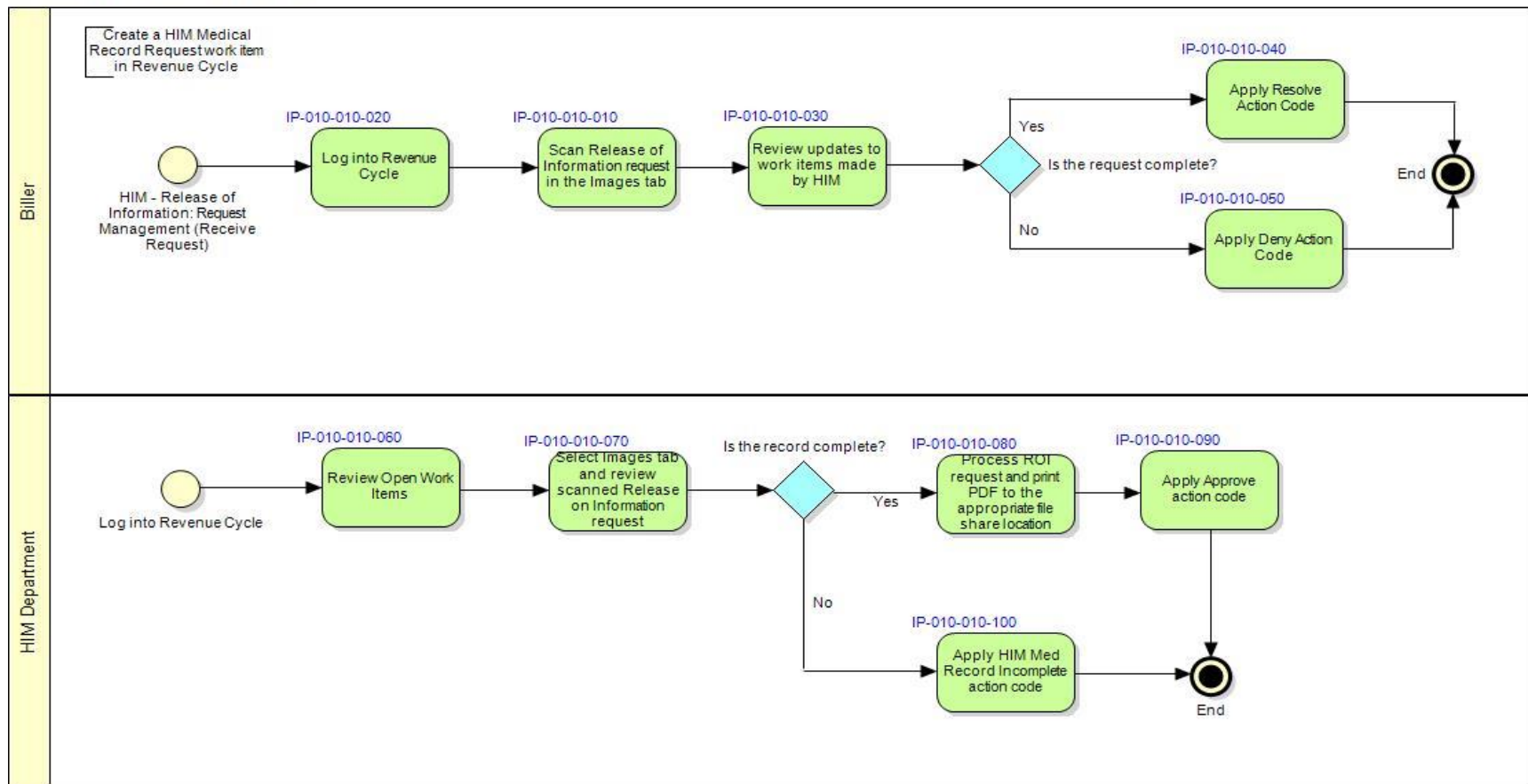


## Patient Accounting/Referral Management Workflows & CCL

Below is a sample of Current State workflow developed per client protocol and CCL queries.

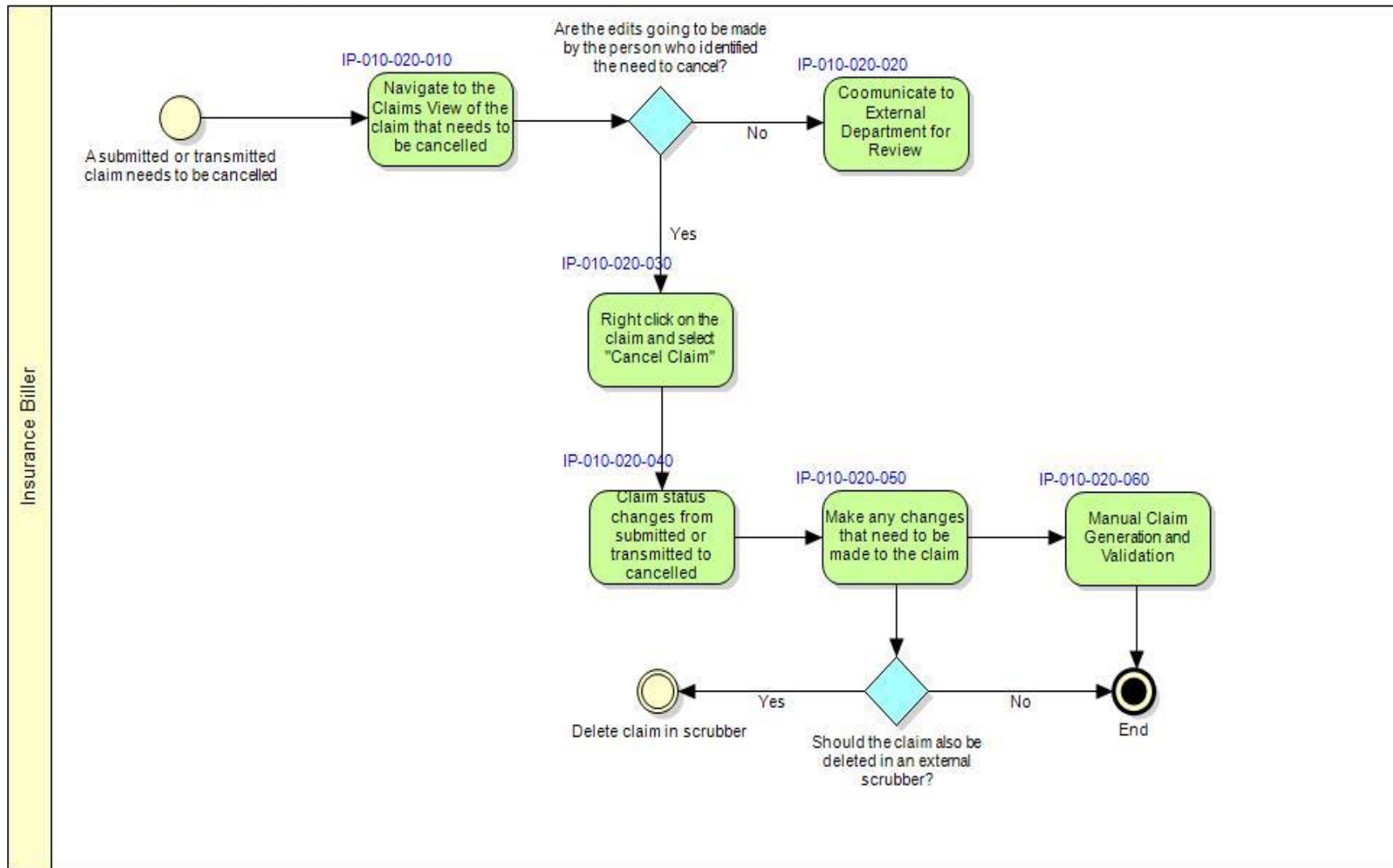
### HIM - Release of Information: Request Management

#### IP-010 New BPMN Model



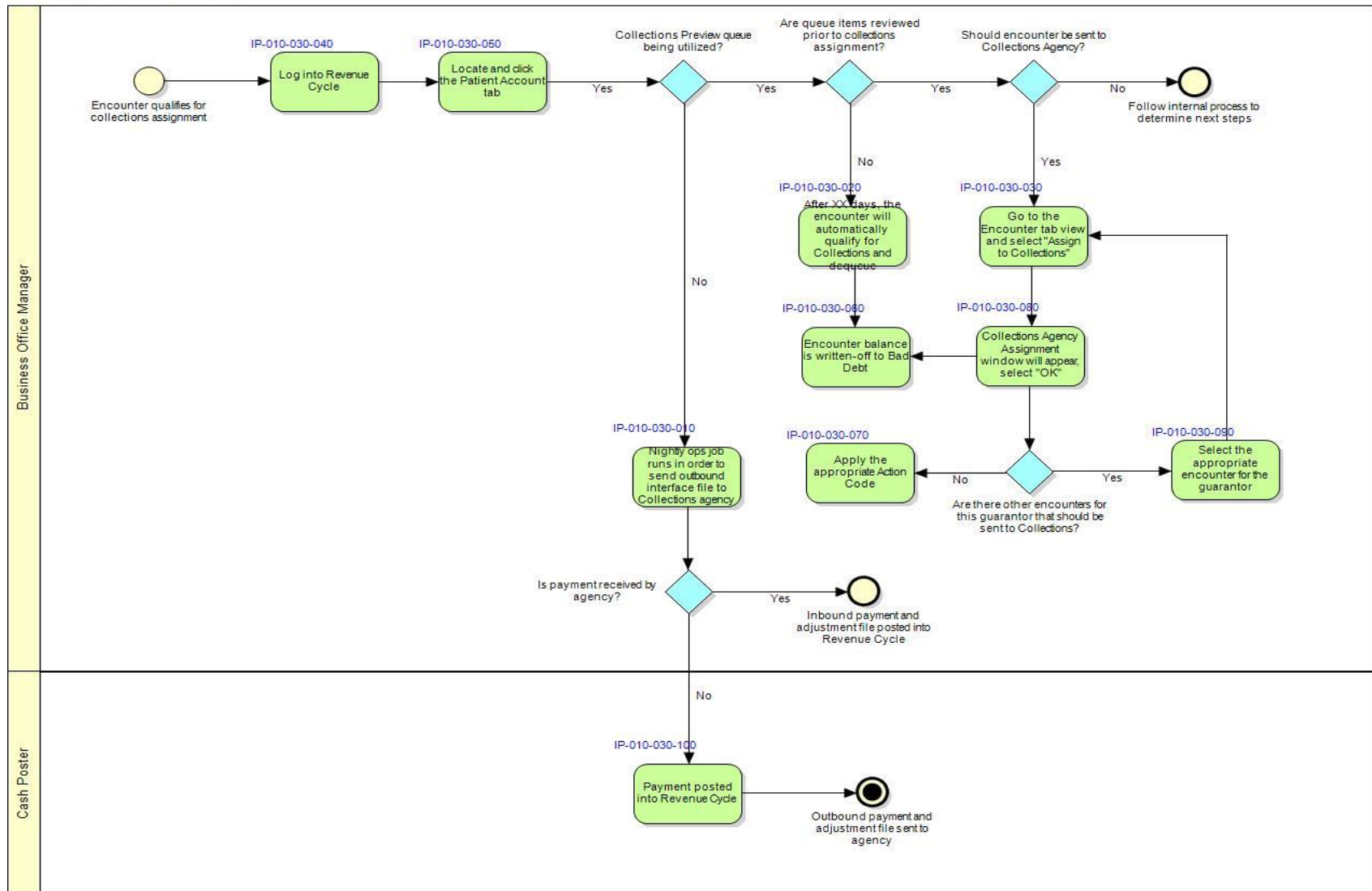
## Patient Accounting - Cancel Claim

### IP-010 New BPMN Model



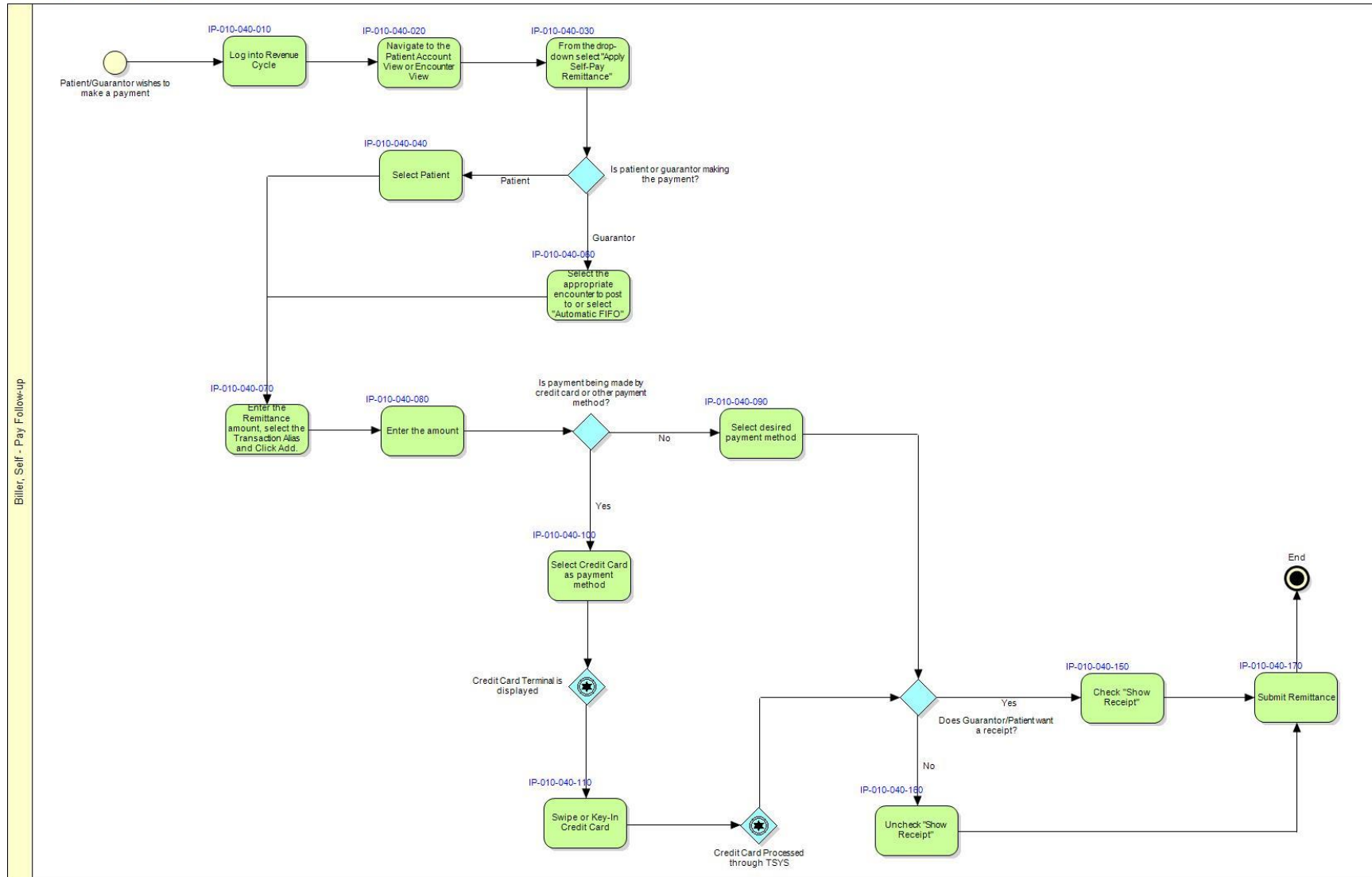
## Patient Accounting - Collections

### IP-010 New BPMN Model



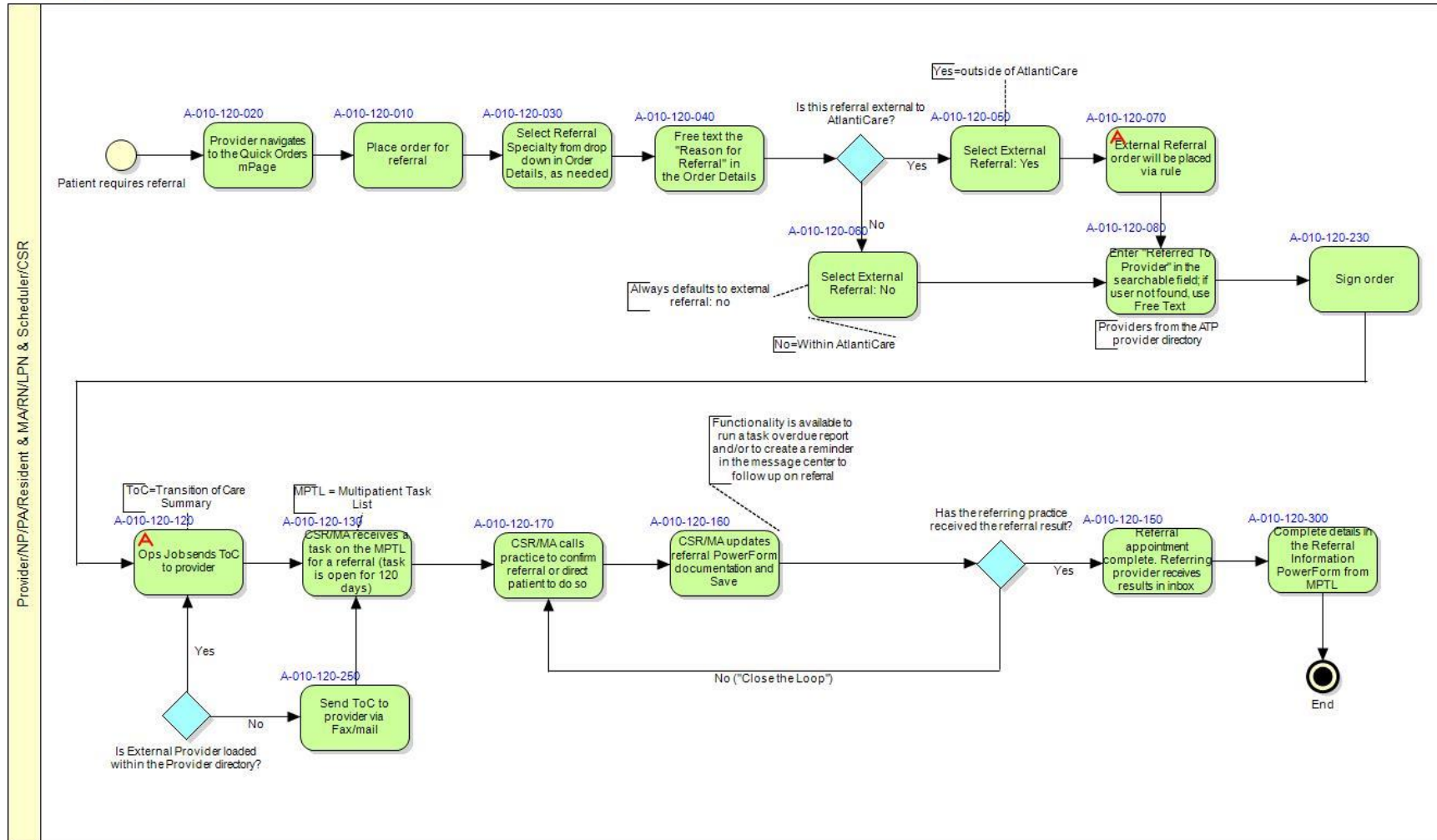
# Patient Accounting - Self Pay Remittance

IP-010 New BPMN Model



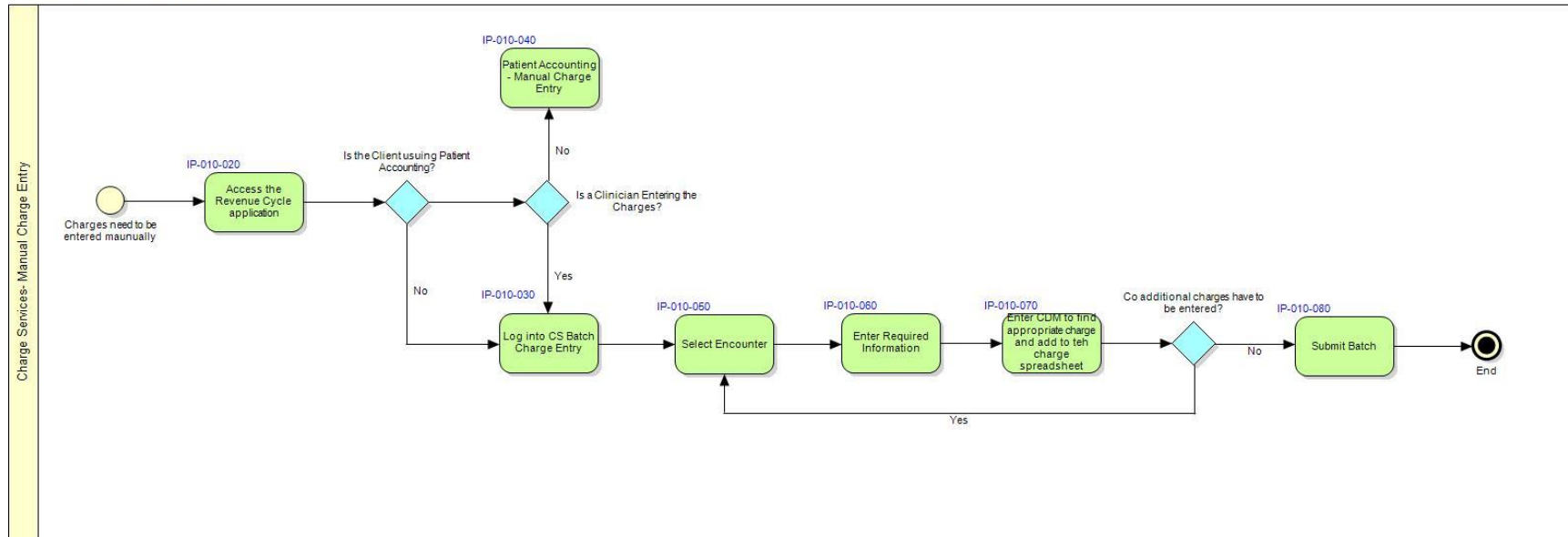
## Ambulatory – Referral Management

### A-010 Ambulatory



## Patient Accounting - Charge Services

IP-010 New BPMN Model



## Cerner Command Language – CCL Query Development

**/\*Construct a report for ordered/completed charges for Providers or any other personnel authorized to make charges\*/**

```
drop program PROV_CHARGES go
```

```
create program PROV_CHARGES
```

```
prompt
```

```
      "Output to File/Printer/MINE" = "MINE"    ;* Enter or select the printer or file name to send this report to.
```

```

, "Select a start date" = "CURDATE"

, "Select end date" = "CURDATE"

, "Type last name" = ""

with OUTDEV, SDATE, EDATE, LNAME

SELECT INTO $OUTDEV

P.NAME_FULL_FORMATTED

, P_POSITION_DISP = UAR_GET_CODE_DISPLAY(P.POSITION_CD)

, O_ORDER_STATUS_DISP = UAR_GET_CODE_DISPLAY(O.ORDER_STATUS_CD)

, C.CHARGE_ITEM_ID

, C.SERVICE_DT_TM

, C.CHARGE_DESCRIPTION

, C_CHARGE_TYPE_DISP = UAR_GET_CODE_DISPLAY(C.CHARGE_TYPE_CD)

FROM

ORDER_ACTION    O

, PRSNL        P

, CHARGE        C

, ENCOUNTER     E

PLAN P WHERE P.NAME_LAST_KEY = $LNAME

JOIN O WHERE O.UPDT_DT_TM = P.UPDT_DT_TM

JOIN C WHERE P.ACTIVE_STATUS_CD = C.ACTIVE_STATUS_CD

JOIN E WHERE E.ENCNTR_ID = C.ENCNTR_ID

```

ORDER BY

P.NAME\_FULL\_FORMATTED

, C.SERVICE\_DT\_TM DESC

WITH MAXREC = 40000, NOCOUNTER, SEPARATOR=" ", FORMAT

end

go

**/\*Construct a report with Patients who were in ER location, where the diagnosis type has a 'reason for visit' within the past week\*/**

drop program ER\_PT go

create program ER\_PT

prompt

"Output to File/Printer/MINE" = "MINE" ;\* Enter or select the printer or file name to send this report to.

with OUTDEV

SELECT INTO \$OUTDEV

P.NAME\_FULL\_FORMATTED

, E.ALIAS

, EN\_LOCATION\_DISP = UAR\_GET\_CODE\_DISPLAY(EN.LOCATION\_CD)

, D.DIAGNOSIS\_DISPLAY



```

        , D.DIAGNOSIS_ID
        , EN.REG_DT_TM
FROM
        DIAGNOSIS    D
        , PERSON      P
        , ENCNTR_ALIAS  E
        , ENCOUNTER    EN
PLAN EN
WHERE  EN.DISCH_DT_TM BETWEEN cnvtlookbehind("1,W") and CNVTDATETIME(curdate, curtime3)
and    EN.ARRIVE_DT_TM != null
JOIN E WHERE E.ENCNTR_ID = EN.ENCNTR_ID
AND EN.LOCATION_CD IN (32588853, 117070589, 32588797, 32588853, 319937373)
JOIN P WHERE P.PERSON_ID = EN.PERSON_ID
JOIN D WHERE D.ENCNTR_ID = E.ENCNTR_ID
AND D.DIAG_TYPE_CD = 6000009.00

ORDER BY
        EN.REG_DT_TM    DESC
WITH NOCOUNTER, SEPARATOR=" ", FORMAT

end

go

```

**/\*Construct a report for staff who have entered Proposed Orders for Outpatient encounters\*/**

drop program PROP\_ORD go

create program PROP\_ORD

prompt

          "Output to File/Printer/MINE" = "MINE"     ;\* Enter or select the printer or file name to send this  
report to.

with OUTDEV

SELECT INTO \$OUTDEV

      O.ENCNTR\_ID

      , O.ORDER\_ID

      , O\_COMMUNICATION\_TYPE\_DISP = UAR\_GET\_CODE\_DISPLAY(O.COMMUNICATION\_TYPE\_CD)

      , E\_ENCNTR\_TYPE\_DISP = UAR\_GET\_CODE\_DISPLAY(E.ENCNTR\_TYPE\_CD)

      , O.ORDER\_MNEMONIC

      , O.ENTERED\_BY\_PRSNL\_ID

      , P\_POSITION\_DISP = UAR\_GET\_CODE\_DISPLAY(P.POSITION\_CD)

      , E\_LOCATION\_DISP = UAR\_GET\_CODE\_DISPLAY(E.LOCATION\_CD)

      , O.CREATED\_DT\_TM

FROM

      ORDER\_PROPOSAL    O

      , PRSNL       P

```

        , POSITION_ROLE_TYPE    PR
        , ENCOUNTER            E

plan o

join e where O.ENCNTR_ID = e.ENCNTR_ID
      AND E.ENCNTR_TYPE_CD = 309309 ;Outpatient
join p where p.person_id = O.ENTERED_BY_PRSNL_ID
join pr where PR.POSITION_CD = P.POSITION_CD

ORDER BY

      O.CREATED_DT_TM        DESC

WITH MAXREC = 500, NOCOUNTER, SEPARATOR=" ", FORMAT

end

go

```