(select distinct b.claim\_icd\_diagnosis\_group\_key, --B.PROCEDURE\_CD,

a.CLAIM\_BENEFICIARY\_KEY, A.BENEFICIARY\_ID, A.MBI\_ID, A.SERVICE\_YR, A.HCC\_PACKAGE\_YR, A.HCC\_VERSION\_CD, A.HCC\_CD,

A.HCC\_NM, A.HCC\_CLASSIFICATION\_NM, A.EARLIEST\_SERVICE\_DT, A.ICD\_DIAGNOSIS\_LIST,

b.claim\_id as first\_hcc\_claim,

b.claim\_type\_cd,

b.medical\_setting\_cd,

B.MEDICAL\_SETTING\_NM,

b.billing\_health\_care\_org\_tin\_id,

b.rendering\_health\_care\_practitioner\_npi\_num,

b.health\_care\_facility\_npi\_num,

b.health\_care\_facility\_ccn\_id,

b.attending\_health\_care\_practitioner\_npi\_num,

B.ICD\_DIAGNOSIS\_1\_CD, B.ICD\_DIAGNOSIS\_2\_CD, B.ICD\_DIAGNOSIS\_3\_CD, B.ICD\_DIAGNOSIS\_4\_CD, B.ICD\_DIAGNOSIS\_5\_CD,

B.ICD\_DIAGNOSIS\_6\_CD, B.ICD\_DIAGNOSIS\_7\_CD, B.ICD\_DIAGNOSIS\_8\_CD, B.ICD\_DIAGNOSIS\_9\_CD, B.ICD\_DIAGNOSIS\_10\_CD,

PRINCIPAL\_ICD\_DIAGNOSIS\_CD,

PRINCIPAL\_ICD\_DIAGNOSIS\_NM,

CLAIM\_LINE\_ICD\_DIAGNOSIS\_CD,

CLAIM\_LINE\_ICD\_DIAGNOSIS\_NM,

R.HCC\_COEFFICIENT\_NUM,

R.PATIENT\_NM,

R.RECAPTURE\_STATUS\_NM,

R.RECAPTURE\_OPPORTUNITY\_FLG,

R.RECAPTURE\_YR,

R.RECAPTURE\_ICD\_DIAGNOSIS\_LIST,

R.TOP\_RECAPTURE\_HCC\_CD\_LIST,

R.TOP\_RECAPTURE\_HCC\_COEFFICIENT\_NUM,

CASE WHEN B.PROCEDURE\_CD IN ('99202',         '99203', '99204', '99205', '99211', '99212', '99213', '99214', '99215') THEN 'PCPV'

WHEN B.PROCEDURE\_CD IN ('G0402', 'G0438', 'G0439') THEN 'AWV'

WHEN B.PROCEDURE\_CD IN ('99441', '99442', '99443', '99421', '99422', '99423') THEN 'EM'

WHEN B.PROCEDURE\_CD IN ('99275', '99274', '99273', '99272', '99271', '99245', '99244', '99243', '99242', '99241') THEN 'CONSULT'

WHEN B.PROCEDURE\_CD IN ('Q0091', 'G0101') THEN 'WWV' ELSE 'OTHER' END AS VISIT

/\* add whatever other columns might be helpful \*/

from SV\_PATIENT\_HCC a

JOIN SV\_CLAIM\_BENEFICIARY M ON M.MBI\_ID = A.MBI\_ID

JOIN SV\_PATIENT\_HCC\_RECAPTURE R ON R.MBI\_ID = A.MBI\_ID AND R.SERVICE\_YR = A.SERVICE\_YR AND R.HCC\_CD = A.HCC\_CD AND R.HCC\_VERSION\_CD = A.HCC\_VERSION\_CD

left join (

select L.\*, D.ICD\_DIAGNOSIS\_1\_CD, D.ICD\_DIAGNOSIS\_2\_CD, D.ICD\_DIAGNOSIS\_3\_CD, D.ICD\_DIAGNOSIS\_4\_CD, D.ICD\_DIAGNOSIS\_5\_CD,

D.ICD\_DIAGNOSIS\_6\_CD, D.ICD\_DIAGNOSIS\_7\_CD, D.ICD\_DIAGNOSIS\_8\_CD, D.ICD\_DIAGNOSIS\_9\_CD, D.ICD\_DIAGNOSIS\_10\_CD

from SV\_CLAIM\_SERVICE\_LINE L

JOIN SV\_ICD\_CLAIM\_DIAGNOSIS\_GROUP D ON L.CLAIM\_ICD\_DIAGNOSIS\_GROUP\_KEY = D.CLAIM\_ICD\_DIAGNOSIS\_GROUP\_KEY

where denied\_claim\_line\_flg = FALSE and claim\_status\_cd like '%Active%' and record\_active\_flg = TRUE

) b

on a.claim\_beneficiary\_key = b.claim\_beneficiary\_key

and a.earliest\_service\_dt = b.claim\_line\_service\_to\_dt

inner join (

select claim\_icd\_diagnosis\_group\_key, icd\_diagnosis\_cd

from SV\_ICD\_CLAIM\_DIAGNOSIS\_GROUP\_ASSN

) c

on b.claim\_icd\_diagnosis\_group\_key = c.claim\_icd\_diagnosis\_group\_key

and (array\_contains(c.icd\_diagnosis\_cd::VARIANT,a.icd\_diagnosis\_list))

WHERE R.RECAPTURE\_YR = 2025 AND ATTRIBUTION\_STATUS\_NM = 'Attributed' AND R.HCC\_VERSION\_CD = 'V28')