## **Appendix:**

## **Appendix 1:** Query

Save Next

ALLRSHOULDERICD10 = OR {ICD-10-D-C4361, ICD-10-D-C44602, ICD-10-D-C44612, ICD-10-D-C44622, ICD-10-D-C44692, ICD-10-D-C4711, ICD-10-D-C4911, ICD-10-D-C4A61, ICD-10-D-D0361, ICD-10-D-D0461, ICD-10-D-D2111, ICD-10-D-D2261, ICD-10-D-D2361, ICD-10-D-M00011, ICD-10-D-D261, D-M00111, ICD-10-D-M00211, ICD-10-D-M00811, ICD-10-D-M01X11, ICD-10-D-M02011, ICD-10-D-M02011, ICD-10-D-M002011, ICD-10-D-M02111, ICD-10-D-M02211, ICD-10-D-M02311, ICD-10-D-M02811, ICD-10-D-M05011, ICD-10-D-M050 D-M05111, ICD-10-D-M05211, ICD-10-D-M05311, ICD-10-D-M05411, ICD-10-D-M05511, ICD-10-D-M055 D-M05611, ICD-10-D-M05711, ICD-10-D-M05811, ICD-10-D-M06011, ICD-10-D-M06211, ICD-10-D-M06011, ICD-10-D-M060 D-M06311, ICD-10-D-M06811, ICD-10-D-M07611, ICD-10-D-M08011, ICD-10-D-M08211, ICD-10-D-M08011, ICD-10-D-M080 D-M08411, ICD-10-D-M08811, ICD-10-D-M08911, ICD-10-D-M10011, ICD-10-D-M10111, ICD-10-D-M10211, ICD-10-D-M10311, ICD-10-D-M10411, ICD-10-D-M11011, ICD-10-D-M11111, ICD-10-D-M10211, ICD-10-D-M10311, ICD-10-D-M100-D-M10011, ICD-10-D-M10011, ICD-10-D-M10011, ICD-10-D-M10011, ICD-10-D-M10011, ICD-10 D-M11211, ICD-10-D-M11811, ICD-10-D-M12011, ICD-10-D-M12111, ICD-10-D-M12211, ICD-10-D-M12011, ICD-10-D-M120 D-M12311, ICD-10-D-M12411, ICD-10-D-M12511, ICD-10-D-M12811, ICD-10-D-M13111, ICD-10-D-M13811, ICD-10-D-M14611, ICD-10-D-M14811, ICD-10-D-M19011, ICD-10-D-M19111, ICD-10-D-M19011, ICD-10-D-M190 D-M19211, ICD-10-D-M1A0110, ICD-10-D-M1A0111, ICD-10-D-M1A1110, ICD-10-D-M1A1111, ICD-10-D-M1A2110, ICD-10-D-M1A3110, ICD-10-D-M1A3111, ICD-10-D-M1A4110, ICD-10-D-M1A4111, ICD-10-D-M21211, ICD-10-D-M24011, ICD-10-D-M24111, ICD-10-D-M24211, ICD-10-D-M24311, ICD-10-D-M24411, ICD-10-D-M24511, ICD-10-D-M24611, ICD-10-D-M24811, ICD-10-D-M25011, ICD-10-D-M25111, ICD-10-D-M25211, ICD-10-D-M25311, ICD-10-D-M25411, ICD-10-D-M25511, ICD-10-D-M25611, ICD-10-D-M25711, ICD-10-D-M25811, ICD-10-D-M60011, ICD-10-D-M60111, ICD-10-D-M60211, ICD-10-D-M60811, ICD-10-D-M61011, ICD-10-D-M61111, ICD-10-D-M61211, ICD-10-D-M61311, ICD-10-D-M61411, ICD-10-D-M61511, ICD-10-D-M62011, ICD-10-D-M62111, ICD-10-D-M62211, ICD-10-D-M62411, ICD-10-D-M62511, ICD-10-D-M63811, ICD-10-D-M65011, ICD-10-D-M65111, ICD-10-D-M65811, ICD-10-D-M66111, ICD-10-D-M66211, ICD-10-D-M66311, ICD-10-D-M66811, ICD-10-D-M67211, ICD-10-D-M67311, ICD-10-D-M67411, ICD-10-D-M67811, ICD-10-D-M67813, ICD-10-D-M67911, ICD-10-D-M70811, ICD-10-D-M70911, ICD-10-D-M71011, ICD-10-D-M71111, ICD-10-D-M71311, ICD-10-D-M71811, ICD-10-D-M7501, ICD M75101, ICD-10-D-M75111, ICD-10-D-M75121, ICD-10-D-M7521, ICD-10-D-M7531, ICD-10-D-M7541, ICD-10-D-M7551, ICD-10-D-M7581, ICD-10-D-M7591, ICD-10-D-M80011A, ICD-10-D-M80011D, ICD-10-D-M80011G, ICD-10-D-M80011K, ICD-10-D-M80011P, ICD-10-D-M80011S, ICD-10-D-M80811A, ICD-10-D-M80811D, ICD-10-D-M80811G, ICD-10-D-M80811K, ICD-10-D-M80811P, ICD-10-D-M80811S, ICD-10-D-M84311A, ICD-10-D-M84311D, ICD-10-D-M84311G, ICD-10-D-M84311K, ICD-10-D-M84311P, ICD-10-D-M84311S, ICD-10-D-M84411A, ICD-10-D-M84411D, ICD-10-D-M84411G, ICD-10-D-M84411K, ICD-10-D-M84411P, ICD-10-D-M84411S, ICD-10-D-M84511A, ICD-10-D-M84511D, ICD-10-D-M84511G, ICD-10-D-M84511K, ICD-10-D-M84511P, ICD-10-D-M84511S, ICD-10-D-M84611A, ICD-10-D-M84611D, ICD-10-D-M84611G, ICD-10-D-M84611K, ICD-10-D-M84611S, ICD-10-D-M84811, ICD-10-D-M85011, ICD-10-D-M85111, ICD-10-D-M85311, ICD-10-D-M85411, ICD-10-D-M85511, ICD-10-D-M85611, ICD-10-D-M85811, ICD-10-D-M86011, ICD-10-D-M86111, ICD-10-D-M86211, ICD-10-D-M86311, ICD-10-D-M86411, ICD-10-D-M86511, ICD-10-D-M86611, ICD-10-D-M87011, ICD-10-D-M87111, ICD-10-D-M87211, ICD-10-D-M87311, ICD-10-D-M87811, ICD-10-D-M88811, ICD-10-D-M89011, ICD-10-D-M89211, ICD-10-D-M89311, ICD-10-D-M89411, ICD-10-D-M89511, ICD-10-D-M89611, ICD-10-D-

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## Save Next

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ICD-10-D-M80812A, ICD-10-D-M80812D, ICD-10-D-M80812G, ICD-10-D-M80812K, ICD-10-D-
M80812P, ICD-10-D-M80812S, ICD-10-D-M84312A, ICD-10-D-M84312D, ICD-10-D-M84312G,
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 $SLAPCPT = OR \{CPT-29807\}$ 

SLAP = Filter SLAPCPT Firstinstance = {CPT-29807}

RBaseSLAP = SLAP AND ALLRSHOULDERICD10 SAME

LBaseSLAP = SLAP AND ALLLSHOULDERICD10 SAME

SLAP2 = Filter SLAPCPT Lastinstance = {CPT-29807}

RSLAP2 = SLAP2 AND ALLRSHOULDERICD10 SAME

LSLAP2 = SLAP2 AND ALLLSHOULDERICD10 SAME

RSLAP= ACTIVE RBaseSLAP -6 months, 2 years

LSLAP= ACTIVE LBaseSLAP -6 months, 2 years

ComboSLAP= OR {RSLAP, LSLAP}

# noninjection procedures= CPT-23000:CPT-23335, CPT-23395:CPT-23929, CPT-29805:CPT-29828} ALLSHLDRPROC= OR {SLAP2, CPT-23000:CPT-23335, CPT-23395:CPT-23929, CPT-29805:CPT-29828}

RALL\_SHOULDER\_PROCEDURES = ALLSHLDRPROC AND ALLRSHOULDERICD10 SAME DATES FROM ALLSHLDRPROC

LALL\_SHOULDER\_PROCEDURES = ALLSHLDRPROC AND ALLLSHOULDERICD10 SAME DATES FROM ALLSHLDRPROC

 $COMBO\_ALL\_PROC = OR \; \{RALL\_SHOULDER\_PROCEDURES, \;$ 

LALL\_SHOULDER\_PROCEDURES}

## 

# Question 1: What % of patients who underwent SLAP repair in a native shoulder ended up requiring a revision procedure

# SLAP THAT WENT ON TO NO OTHER PROCEDURE

RSLAPnoPROCEDURES= RSLAP NOT RALL\_SHOULDER\_PROCEDURES AFTER LSLAPnoPROCEDURES= LSLAP NOT LALL\_SHOULDER\_PROCEDURES AFTER ComboSLAPtoNoProcedures=OR {RSLAPnoPROCEDURES, LSLAPnoPROCEDURES}

#SLAP THAT WENT ON TO ANOTHER PROCEDURE (SSP)

RSLAPtoALLPROCEDURES= RSLAP AND RALL\_SHOULDER\_PROCEDURES AFTER DATES FROM RSLAP

LSLAPtoALLPROCEDURES= LSLAP AND LALL\_SHOULDER\_PROCEDURES AFTER DATES FROM LSLAP

ComboSLAPtoALLProcedures=OR {RSLAPtoALLPROCEDURES, LSLAPtoALLPROCEDURES}

#Question 2: Time from Slap repair to SSP

TIMEComboSLAPtoALLPROCEDURES= TIMEBETWEEN ComboSLAPtoALLProcedures start= {ComboSLAP} end= {COMBO\_ALL\_PROC}

#Question 3: What does the population of patients look like

BREAKDOWN ComboSLAPtoNoProcedures BY total, code, age range, age, gender, service location PERCENTILES

R\_SUM ComboSLAPtoNoProcedures patientsum

BREAKDOWN ComboSLAPtoALLProcedures BY total, code, age range, age, gender, service location PERCENTILES

R\_SUM ComboSLAPtoALLProcedures patientsum

#Question 4: What patient factors may be related to the need for subsequent surgery? Age, CCI, Tobacco use, Gender, BMI, Diabetes status

R\_GLR ComboSLAP ComboSLAPtoALLProcedures ~ age + cci + gender + COMORB-TobaccoUse + COMORB-Obesity + COMORB-Diabetes patientsum binomial

#Question 5: What were the SSPs

#RSLAPTB = trackbucket RSLAP start = 1 day after {slap}, end = 2 years after #RSLAPTBF = filter RSLAPTB code = {RALL\_SHOULDER\_PROCEDURES} #Breakdown RSLAPTBF by code

#LSLAPTB = trackbucket LSLAP start = 1 day after {slap}, end = 2 years after #LSLAPTBF = filter LSLAPTB code = {LALL\_SHOULDER\_PROCEDURES} #Breakdown LSLAPTBF by code