SCIP Initial Patient Population
Algorithm

Start SCIP Initial Patient Population logic sub-routine

ICD-9-CM Principal Procedure Code

On Table 5.10

Not on Table 5.10

Patient Age (in years) = Admission Date minus Birthdate

Patient Age < 18 years

Patient Age >= 18 years

Length of Stay (in days) = Discharge Date minus Admission Date

Length of Stay <= 120 days

Length of Stay > 120 days

Patient not in the SCIP Topic Population

Patient is not eligible to be sampled for any SCIP strata

Set Initial Patient Population Reject Case Flag = "Yes"

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Patient is in the SCIP Topic Population

Set Initial Patient Population Reject Case Flag = "No"

ICD-9-CM Principal Procedure Code

On Table 5.01

Not on Table 5.01

ICD-9-CM Principal Procedure Code

On Table 5.02

Not on Table 5.02

ICD-9-CM Principal Procedure Code

On Table 5.04

Not on Table 5.04

Patient is in the 1st SCIP stratum (CABG)

Patient is eligible to be sampled* for the 1st SCIP stratum (CABG)

Patient is in the 2nd SCIP stratum (Other Cardiac Surgery)

Patient is eligible to be sampled* for the 2nd SCIP stratum (Other Cardiac Surgery)

Patient is in the 3rd SCIP stratum (Hip Arthroplasty)

Patient is eligible to be sampled* for the 3rd SCIP stratum (Hip Arthroplasty)

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Note: To calculate age must use the month and day portion of admission date and birthdate to yield the most accurate age.
Patient is in the 4th SCIP stratum (Knee Arthroplasty)

Patient is eligible to be sampled* for the 4th SCIP stratum (Knee Arthroplasty)

Patient is in the 5th SCIP stratum (Colon Surgery)

Patient is eligible to be sampled* for the 5th SCIP stratum (Colon Surgery)

Patient is in the 6th SCIP stratum (Hysterectomy)

Patient is eligible to be sampled* for the 6th SCIP stratum (Hysterectomy)

Patient is in the 7th SCIP stratum (Vascular Surgery)

Patient is eligible to be sampled* for the 7th SCIP stratum (Vascular Surgery)

Patient is in the 8th SCIP stratum (Other Major Surgery)

Patient is eligible to be sampled* for the 8th SCIP stratum (Other Major Surgery)

Include patient in the Initial Patient Population of the appropriate measures

Return to Data Processing Flow (Data Transmission section)