
The American College of Radiology

Interventional Radiology Registry

Data Dictionary

January 14, 2020



American College of Radiology
1891 Preston White Drive
Reston, VA 20191-4397

IR REGISTRY DATA DICTIONARY

Measures included in this version:

MIPS 76	Prevention of Central Venous Catheter (CVC) – related bloodstream infections
MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy
MIPS 465	Uterine artery embolization technique: Documentation of angiographic endpoints and interrogation of ovarian arteries
QCDR ACRad 26	Appropriate venous access for hemodialysis
QCDR ACRad 29	Rate of percutaneous nephrostomy tube replacement within 30 days secondary to dislodgement
QCDR ACRad 30	Rate of Adequate Percutaneous Image-Guided Biopsy

Reports included in this version:

SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Data types:

Boolean
DateTime
Decimal
Duration – mm:ss or hh:mm:ss
Integer
String

IR REGISTRY DATA DICTIONARY

Access site closure technique

Reports:

Version

SIR_CVA_PortBelowDiaphragm1.0

Name

Port placement

Report Heading: Procedure Details**Module:** Closure**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Tissue adhesive

Absorbable suture

Absorbable suture and tissue adhesive

Access site closure technique

Reports:

Version

SIR_CVA_Port1.3

Name

Venous port placement

Report Heading: Procedure Details**Module:** Closure**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Tissue adhesive

Absorbable suture

Absorbable suture and tissue adhesive

Steri-strips

None

IR REGISTRY DATA DICTIONARY

Access technique

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Access

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

5F Micropuncture set
4F Micropuncture set
19 gauge access needle
18 gauge access needle

IR REGISTRY DATA DICTIONARY

Access technique

Reports:

Version

SIR_CVA_PICC1.0

SIR_CVA_PICC1.3

Name

Peripherally Inserted Central Catheter (PICC) placement

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details**Module:** Access**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

21 gauge micropuncture needle

5F micropuncture set

4F micropuncture set

19 gauge access needle

18 gauge access needle

Access technique

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

Name

Non-tunneled central venous catheter placement

Report Heading: Procedure Details**Module:** Access**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Micropuncture set with 21 gauge needle

19 gauge access needle

18 gauge access needle

IR REGISTRY DATA DICTIONARY

Access US storage

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Access

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Was stored

Was not stored

IR REGISTRY DATA DICTIONARY

Access vein ultrasound findings

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement

Report Heading: Procedure Details

Module: Access

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Patent
Partially thrombosed
Completely thrombosed
Chronically narrowed or diminutive
Chronically occluded

Access vessel patency

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Access

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Patent
Occluded

IR REGISTRY DATA DICTIONARY

Additional clinical history

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Additional description of procedure

Reports:

Version

SIR_Biopsy_v2

SIR_CVA_NonTunneledCatheter_v2

SIR_CVA_NonTunneledCatheter1.0

SIR_CVA_NonTunneledCatheter1.3

SIR_CVA_PICC1.0

SIR_CVA_PICC1.3

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

SIR_TunneledDialysisCatheter_v2

Name

Image-guided biopsy

Non-tunneled central venous catheter placement

Non-tunneled catheter placement

Non-tunneled central venous catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Peripherally Inserted Central Catheter (PICC) placement

Venous port placement

Port placement

Tunneled dialysis catheter placement

Report Heading: Procedure Details**Module:** Additional details**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Additional equipment

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details **Module:** Additional details

Measure: None

Required? No **Data type:** String

Allow any value? Yes **Predefined options?** No

Additional findings

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details **Module:** Additional details

Measure: None

Required? No **Data type:** String

Allow any value? Yes **Predefined options?** No

IR REGISTRY DATA DICTIONARY

Additional procedure(s)

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

SIR_TunneledDialysisCatheter_v2

Name

Non-tunneled central venous catheter placement

Tunneled dialysis catheter placement

Report Heading: Procedure Summary**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Diagnostic venography

Diagnostic venography and venoplasty

None

Additional procedures

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Summary**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Additional sampling recommendations

Additional sampling recommendations

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

None

Core requested after FNA

FNA requested after core

AdministrativeSex

Patient sex at birth

Reports:

Version

All versions

Name

All reports

Report Heading: None

Module: None

Measure: All

Required? Yes

Data type: String

Allow any value? No

Predefined options? Yes

Permitted values:

Description:

M

Male

F

Female

O

Other

U

Unknown

IR REGISTRY DATA DICTIONARY

Advanced practice provider(s)

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_EmboUterine_v2	Uterine artery embolization
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Age

Patient age in whole years

Reports:

Version

All versions

Name

All reports

Report Heading: None

Module: None

Measure: All

Required? Yes

Data type: Integer

Allow any value? No; see above

Predefined options? No

Anesthesia administered by

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

SIR_CVA_PICC1.0

SIR_CVA_PortBelowDiaphragm1.0

Name

Non-tunneled catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Port placement

Report Heading: Procedure Details

Module: Anesthesia/sedation

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Anesthesiology

Continuous monitoring by independent trained observer

Performing provider

N/A

IR REGISTRY DATA DICTIONARY

Anesthesia/sedation administered by

Anesthesia admin

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Anesthesia/sedation

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Anesthesiology

Independent trained observer under attending supervision with continuous monitoring of the patient's level of consciousness and physiologic status

Performing provider

Not applicable

IR REGISTRY DATA DICTIONARY

Angiographic endpoint (QCDR)

Catheter position for embolization: left uterine artery

Reports:

Version	Name
SIR_EmboUterine_v2	Uterine artery embolization

Report Heading:	Procedure Details	Module:	Embolization
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Measure:	MIPS 465	Uterine artery embolization technique: Documentation of angiographic endpoints and interrogation of ovarian arteries
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Required?	Yes	Data type:	String
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Allow any value?	No	Predefined options?	Yes
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Permitted values:

- Complete stasis (static contrast column for at least 5 heartbeats)
- Near stasis (not static, but contrast visible for at least 5 heartbeats)
- Slowed flow (contrast visible for fewer than 5 heartbeats)
- Normal velocity flow with pruning of distal vasculature
- Normal velocity flow without pruning of distal vasculature

Angiographic endpoint (QCDR)

Catheter position for embolization: right uterine artery

Reports:

Version	Name
SIR_EmboUterine_v2	Uterine artery embolization

Report Heading:	Procedure Details	Module:	Embolization
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Measure:	MIPS 465	Uterine artery embolization technique: Documentation of angiographic endpoints and interrogation of ovarian arteries
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Required?	Yes	Data type:	String
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Allow any value?	No	Predefined options?	Yes
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Permitted values:

- Complete stasis (static contrast column for at least 5 heartbeats)
- Near stasis (not static, but contrast visible for at least 5 heartbeats)
- Slowed flow (contrast visible for fewer than 5 heartbeats)
- Normal velocity flow with pruning of distal vasculature
- Normal velocity flow without pruning of distal vasculature

IR REGISTRY DATA DICTIONARY

Angiographic endpoint (QCDR)

Catheter position for embolization: Uterine supply from the left/right ovarian artery

Reports:

Version	Name
SIR_EmboUterine_v2	Uterine artery embolization

Report Heading: Procedure Details **Module:** Embolization

Measure: MIPS 465 Uterine artery embolization technique: Documentation of angiographic endpoints and interrogation of ovarian arteries

Required? Yes **Data type:** String

Allow any value? No **Predefined options?** Yes

Permitted values:

- Complete stasis (static contrast column for at least 5 heartbeats)
- Near stasis (not static, but contrast visible for at least 5 heartbeats)
- Slowed flow (contrast visible for fewer than 5 heartbeats)
- Normal velocity flow with pruning of distal vasculature
- Normal velocity flow without pruning of distal vasculature

Angiography of ovarian arteries performed (QCDR)

Reports:

Version	Name
SIR_EmboUterine_v2	Uterine artery embolization

Report Heading: Procedure Details **Module:** Selective angiography

Measure: MIPS 465 Uterine artery embolization technique: Documentation of angiographic endpoints and interrogation of ovarian arteries

Required? Yes **Data type:** String

Allow any value? No **Predefined options?** Yes

Permitted values:

- Yes, by aortography
- Yes, by pre-procedure non-invasive imaging
- Yes, by angiography during prior procedure
- Yes, by selective angiography
- No

IR REGISTRY DATA DICTIONARY

Attending physician(s)

Reports:

Version

SIR_Biopsy_v2

SIR_CVA_NonTunneledCatheter_v2

SIR_EmboUterine_v2

SIR_TunneledDialysisCatheter_v2

Name

Image-guided biopsy

Non-tunneled central venous catheter placement

Uterine artery embolization

Tunneled dialysis catheter placement

Report Heading: Procedure**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Attending(s)

Reports:

Version	Name
SIR_ACP_UterineArteryEmbolization1.0	Uterine artery embolization
SIR_CVA_ArmPort1.0	Arm port placement
SIR_CVA_ChestPort1.0	Chest port placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_Non-tunneledCatheterBelowDiaphragm1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICCBelowDiaphragm1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_PortRemoval1.0	Port removal
SIR_CVA_PortRemoval1.3	Venous port removal
SIR_CVA_Tunneled1.3	Tunneled central venous catheter placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_CVA_TunneledCatheterBelowDiaphragm1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledCatheterRemoval1.0	Tunneled central venous catheter removal
SIR_CVA_TunneledCatheterRemoval1.3	Tunneled central venous catheter removal
SIR_CVA_TunneledDialysisCatheter1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledDialysisCatheterBelowDiaphragm1.0	Tunneled catheter placement
SIR_IVCFilterInsertion1.3	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval1.3	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful1.3	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_VCP_IVCFilterInsertion1.0	Inferior vena cava (IVC) filter insertion
SIR_VCP_IVCFilterRetrieval1.0	Inferior vena cava (IVC) filter retrieval
SIR_VCP_IVCFilterRetrievalUnsuccessful1.0	Inferior vena cava (IVC) filter retrieval - unsuccessful

IR REGISTRY DATA DICTIONARY

Report Heading:	Procedure	Module:	None
Measure:	All		
Required?	Yes	Data type:	String
Allow any value?	Yes	Predefined options?	No

Biopsy type

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy

Report Heading:	Procedure Summary	Module:	None
Measure:	None		
Required?	No	Data type:	String
Allow any value?	Yes	Predefined options?	Yes

Predefined values:

- Coaxial core needle
- Coaxial FNA
- Core and FNA
- Core needle
- FNA biopsy

IR REGISTRY DATA DICTIONARY

Catheter cuff-to-tip length (cm)

Catheter length

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

SIR_TunneledDialysisCatheter_v2

Name

Non-tunneled central venous catheter placement

Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: Decimal

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Catheter flush

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Heparin (100 units/mL)
Heparin (1000 units/mL)
Normal saline
Citrate

IR REGISTRY DATA DICTIONARY

Catheter intravascular length

Intravascular length followed by "cm"

Reports:

Version

SIR_CVA_PICC1.0

SIR_CVA_PICC1.3

Name

Peripherally Inserted Central Catheter (PICC) placement

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

Catheter length

Catheter length followed by "cm"

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

SIR_CVA_NonTunneledCatheter1.0

Name

Non-tunneled central venous catheter placement

Non-tunneled catheter placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Catheter placed

Manufacturer and device name

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

Catheter securement technique

Reports:

Version	Name
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Non-absorbable suture
Stat-Lock
None

IR REGISTRY DATA DICTIONARY

Catheter securement technique

Catheter securement

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Closure

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Non-absorbable suture
Stat-Lock
None

Catheter securement technique

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Non-absorbable suture
None

IR REGISTRY DATA DICTIONARY

Catheter size

Reports:

Version

SIR_CVA_PICC1.3

Name

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details**Module:** Catheter placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

4/5 French

Catheter size

Catheter size followed by "French"

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

Name

Non-tunneled catheter placement

SIR_CVA_NonTunneledCatheter1.3

Non-tunneled central venous catheter placement

SIR_CVA_PICC1.0

Peripherally Inserted Central Catheter (PICC) placement

SIR_CVA_Port1.3

Venous port placement

SIR_CVA_PortBelowDiaphragm1.0

Port placement

Report Heading: Procedure Details**Module:** Catheter placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Catheter tip location

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Subclavian vein
Innominate vein
Superior vena cava
Cavoatrial junction
Right atrium
Inferior vena cava
Common iliac vein
External iliac vein

IR REGISTRY DATA DICTIONARY

Catheter tip position

Central or peripheral

Reports:

Version

SIR_CVA_PortBelowDiaphragm1.0

Name

Port placement

Report Heading: Procedure Details

Module: Port placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Central (superior to the inguinal ligament)

Peripheral (inferior to the inguinal ligament)

IR REGISTRY DATA DICTIONARY

Catheter tip position

Tip position

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

At carina
0.25 VBUs below carina
0.5 VBUs below carina
0.75 VBUs below carina
1 VBU below carina
1.25 VBUs below carina
1.5 VBUs below carina
1.75 VBUs below carina
2 VBUs below carina
2.25 VBUs below carina
2.5 VBUs below carina
2.75 VBUs below carina
3 VBUs below carina
3.25 VBUs below carina
3.5 VBUs below carina
3.75 VBUs below carina
4 VBUs below carina
More than 4 VBUs below carina
0.25 VBUs above carina
0.5 VBUs above carina

IR REGISTRY DATA DICTIONARY

0.75 VBUs above carina
1 VBU above the carina
1.25 VBUs above carina
1.5 VBUs above carina
1.75 VBUs above carina
2 VBUs above carina
More than 2 VBUs above carina
Uncertain

Catheter tip position

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details **Module:** Catheter placement

Measure: None

Required? No **Data type:** String

Allow any value? Yes **Predefined options?** Yes

Predefined values:

Central (inferior to the C7-T1 intervertebral disc and medial to the lateral rib margin)
Peripheral (superior to the C7-T1 intervertebral disc or lateral to the lateral rib margin)

IR REGISTRY DATA DICTIONARY

Catheter tip position

Reports:

Version

SIR_CVA_NonTunneledCatheter1.3

Name

Non-tunneled central venous catheter placement

Report Heading: Procedure Details**Module:** Catheter placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

More than 2 VBUs above carina

2 VBUs above carina

1.75 VBUs above carina

1.5 VBUs above carina

1.25 VBUs above carina

1 VBU above the carina

0.75 VBUs above carina

0.5 VBUs above carina

0.25 VBUs above carina

At carina

0.25 VBUs below carina

0.5 VBUs below carina

0.75 VBUs below carina

1 VBU below carina

1.25 VBUs below carina

1.5 VBUs below carina

1.75 VBUs below carina

2 VBUs below carina

2.25 VBUs below carina

2.5 VBUs below carina

2.75 VBUs below carina

3 VBUs below carina

3.25 VBUs below carina

3.5 VBUs below carina

IR REGISTRY DATA DICTIONARY

3.75 VBUs below carina
4 VBUs below carina
More than 4 VBUs below carina
Uncertain

Catheter tip position for venography

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Venography

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

Catheter type

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Temporary dialysis catheter
Triple-lumen catheter
Power trialysis catheter

IR REGISTRY DATA DICTIONARY

Catheter type

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Temporary dialysis catheter
Temporary central venous catheter

Catheter(s) placed because the previous catheter(s) became dislodged within 30 days of placemen

Reports:

Version	Name
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement

Report Heading: Procedure

Module: None

Measure: QCDR ACRad 29 Rate of percutaneous nephrostomy tube replacement within 30 days secondary to dislodgement

Required? Yes

Data type: String

Allow any value? No

Predefined options? Yes

Permitted values:

Yes, one catheter
Yes, both catheters
Yes, related to an intervening renal procedure
No

IR REGISTRY DATA DICTIONARY

Coaxial needle

Coaxial needle size

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

10 gauge

11 gauge

13 gauge

15 gauge

17 gauge

19 gauge

None

IR REGISTRY DATA DICTIONARY

Complications

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_Cryoablation_v2	Image-guided cryoablation
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

No immediate complications

IR REGISTRY DATA DICTIONARY

Consent

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details **Module:** Pre-procedure

Measure: None

Required? No **Data type:** String

Allow any value? Yes **Predefined options?** Yes

Predefined values:

Informed consent for the procedure including risks, benefits and alternatives was obtained and time-out was performed prior to the procedure.

Contrast agent

Contrast agent

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details **Module:** Contrast

Measure: None

Required? No **Data type:** String

Allow any value? Yes **Predefined options?** Yes

Predefined values:

Omnipaque 300
Omnipaque 350
Visipaque 320
Isovue 370
Ultravist 370
None

IR REGISTRY DATA DICTIONARY

Contrast agent

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Contrast

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Omnipaque 350
Visipaque 320
Isovue 370
Ultravist 370
None

IR REGISTRY DATA DICTIONARY

Contrast volume

Decimal number followed by "cc"

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Contrast

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

Contrast volume

Decimal number followed by "mL"

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement

Report Heading: Procedure Details

Module: Contrast

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Contrast volume (mL)

Contrast volume

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Contrast

Measure: None

Required? No

Data type: Decimal

Allow any value? Yes

Predefined options? No

Core needle biopsy device

Manufacturer and device name

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Core needle size

Core needle gauge

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

14 gauge

16 gauge

18 gauge

20 gauge

Not applicable

CT dose length product (cGy-cm)

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Radiation dose

Measure: None

Required? No

Data type: Decimal

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

CT dose length product (mGy-cm)

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Radiation dose

Measure: None

Required? No

Data type: Decimal

Allow any value? Yes

Predefined options? No

Diaphragm

Reports:

Version

SIR_CVA_PICC1.3

Name

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Supradiaphragmatic

Infradiaphragmatic

IR REGISTRY DATA DICTIONARY

Duration of anesthesia/sedation

Anesthesia time followed by "minutes"

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Anesthesia/sedation

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Equipment details

Useful or additional equipment

Reports:

Version

SIR_Biopsy_v2

SIR_CVA_NonTunneledCatheter_v2

SIR_CVA_NonTunneledCatheter1.3

SIR_CVA_PICC1.3

SIR_TunneledDialysisCatheter_v2

Name

Image-guided biopsy

Non-tunneled central venous catheter placement

Non-tunneled central venous catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Additional details

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Estimated blood loss

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Additional details

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Less than 10 cc
10-50 cc
50-100 cc
100-200 cc
200-500 cc
500-1000 cc
1000-2000 cc
Greater than 2000 cc

IR REGISTRY DATA DICTIONARY

Estimated blood loss

Reports:

Version

SIR_CVA_NonTunneledCatheter1.3

SIR_CVA_PICC1.3

Name

Non-tunneled central venous catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details**Module:** Additional details**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Less than 10 mL

10-50 mL

50-100 mL

100-200 mL

200-500 mL

500-1000 mL

1000-2000 mL

Greater than 2000 mL

IR REGISTRY DATA DICTIONARY

Estimated blood loss (mL)

Blood Loss

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Additional details

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Less than 10
11-50
51-100
101-200
201-500
501-1000
1001-2000
Greater than 2000

FacilityID

A 6 digit number identifying the facility in the NRDR database

Reports:

Version	Name
All versions	All reports

Report Heading: None

Module: None

Measure: All

Required? Yes

Data type: Integer

Allow any value? No; see above

Predefined options? No

IR REGISTRY DATA DICTIONARY

Fellow physician(s)

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading:	Procedure	Module:	None
Measure:	None		
Required?	No	Data type:	String
Allow any value?	Yes	Predefined options?	No

Fellow(s)

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_EmboUterine_v2	Uterine artery embolization

Report Heading:	Procedure	Module:	None
Measure:	None		
Required?	No	Data type:	String
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Findings

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Venography

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

Fine needle aspiration device

Manufacturer and device name

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Fine needle size

FNA needle gauge

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

21 gauge

22 gauge

23 gauge

25 gauge

Not applicable

IR REGISTRY DATA DICTIONARY

Fluoroscopy time

Decimal number followed by "minutes".

Reports:

Version	Name
SIR_ACP_UterineArteryEmbolization1.0	Uterine artery embolization
SIR_CVA_ArmPort1.0	Arm port placement
SIR_CVA_ChestPort1.0	Chest port placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_Non-tunneledCatheterBelowDiaphragm1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICCBelowDiaphragm1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_PortRemoval1.0	Port removal
SIR_CVA_PortRemoval1.3	Venous port removal
SIR_CVA_Tunneled1.3	Tunneled central venous catheter placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_CVA_TunneledCatheterBelowDiaphragm1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledCatheterRemoval1.0	Tunneled central venous catheter removal
SIR_CVA_TunneledCatheterRemoval1.3	Tunneled central venous catheter removal
SIR_CVA_TunneledDialysisCatheter1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledDialysisCatheterBelowDiaphragm1.0	Tunneled catheter placement
SIR_IVCFilterInsertion1.3	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval1.3	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful1.3	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_VCP_IVCFilterInsertion1.0	Inferior vena cava (IVC) filter insertion
SIR_VCP_IVCFilterRetrieval1.0	Inferior vena cava (IVC) filter retrieval
SIR_VCP_IVCFilterRetrievalUnsuccessful1.0	Inferior vena cava (IVC) filter retrieval - unsuccessful

IR REGISTRY DATA DICTIONARY

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	String
Allow any value?	No; see above	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Fluoroscopy time (minutes)

Required if fluoroscopy time in seconds or mm:ss not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	Decimal
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Fluoroscopy time (mm:ss)

Required if fluoroscopy time in minutes or seconds not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	Duration
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Fluoroscopy time (seconds)

Required if fluoroscopy time in minutes or mm:ss not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	Decimal
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

History and imaging of central venous access reviewed (QCDR)

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement

Report Heading: Procedure Details **Module:** Pre-procedure

Measure: None

Required? No **Data type:** String

Allow any value? No **Predefined options?** Yes

Permitted values:

- Yes
- Not reviewed
- No - Central venous access history or imaging not available
- No - Emergency procedure

Image guidance

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy

Report Heading: Procedure Summary **Module:** None

Measure: None

Required? No **Data type:** String

Allow any value? Yes **Predefined options?** Yes

Predefined values:

- Ultrasound
- CT
- MRI
- PET/CT
- Fluoro
- Ultrasound and CT-guided

IR REGISTRY DATA DICTIONARY

Image guidance declaration

Reports:

Version

SIR_CVA_NonTunneledCatheter1.3

Name

Non-tunneled central venous catheter placement

Report Heading: Procedure Details**Module:** Catheter placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Fluoroscopic guidance

No image guidance

Impression

Reports:

Version

SIR_CVA_TunneledCatheter1.0

Name

Tunneled catheter placement

Report Heading: Impression**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Technically successful insertion of tunneled dialysis catheter

IR REGISTRY DATA DICTIONARY

Impression

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Image-guided biopsy of target

Impression

Reports:

Version

SIR_EmboUterine_v2

Name

Uterine artery embolization

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Incision closure technique

Reports:

Version

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

Name

Venous port placement

Port placement

Report Heading: Procedure Details**Module:** Closure**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Tissue adhesive

Absorbable suture

Absorbable suture and tissue adhesive

Indication

Indication

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** No**Predefined options?** Yes**Permitted values:**

Histopathologic diagnosis

Staging

Research protocol

Organ dysfunction

Treatment follow-up

Histopathologic diagnosis and molecular characterization

IR REGISTRY DATA DICTIONARY

Indication

Reports:

Version

SIR_EmboUterine_v2

Name

Uterine artery embolization

Report Heading: Procedure**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Menorrhagia

Pelvic pain or pressure symptoms

Pre-operative

Fibroid-induced infertility

Acute bleeding

IR REGISTRY DATA DICTIONARY

Indication

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

Name

Non-tunneled central venous catheter placement

Report Heading: Procedure**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Chemo

TPN

Administration of blood products

Administration of intravenous medications

Intravenous fluid administration

Repeated blood sampling

Performance of hemodialysis

Performance of plasmapheresis

Stem cell collection

Indication (QCDR)

Reports:

Version

SIR_TunneledDialysisCatheter_v2

Name

Tunneled dialysis catheter placement

Report Heading: Procedure**Module:** None**Measure:** QCDR ACRad 26 Appropriate venous access for hemodialysis**Required?** Yes**Data type:** String**Allow any value?** No**Predefined options?** Yes

Permitted values:

Performance of hemodialysis

Performance of plasmapheresis

Stem cell collection

IR REGISTRY DATA DICTIONARY

Indication for venography

Venography indication

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Venography

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Diagnostic venography due to suspected stenosis or occlusion
Confirmation of position or mapping of vascular anatomy
Not performed

IR REGISTRY DATA DICTIONARY

Indication for venography

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Venography

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

- Diagnostic
- Mapping
- Not performed

IR REGISTRY DATA DICTIONARY

Indication(s)

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement

Report Heading: Procedure

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Chemo
TPN
Administration of blood products
Administration of intravenous medications
Intravenous fluid administration
Repeated blood sampling
Performance of hemodialysis
Performance of plasmapheresis
Stem cell collection

IR REGISTRY DATA DICTIONARY

Indication(s)

Reports:

Version	Name
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Plan

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Chemo
TPN
Administration of blood products
Administration of intravenous medications
Intravenous fluid administration
Repeated blood sampling

IR REGISTRY DATA DICTIONARY

Internal jugular vein patency (QCDR)

Reports:

Version

SIR_TunneledDialysisCatheter_v2

Name

Tunneled dialysis catheter placement

Report Heading: Procedure Details**Module:** Access**Measure:** QCDR ACRad 26 Appropriate venous access for hemodialysis**Required?** Yes**Data type:** String**Allow any value?** No**Predefined options?** Yes

Permitted values:

Patent or otherwise accessible on at least one side

Bilaterally occluded, with a patent centrally-communicating collateral vein or external jugular vein on at least one side

Bilaterally occluded, without a patent centrally-communicating collateral vein or external jugular vein on either side

Bilaterally occluded, with unknown patency of centrally-communicating collateral veins and external jugular veins

No accessible internal jugular vein, external jugular vein, or centrally-communicating collateral vein on either side due to other reason (e.g. infection)

IR REGISTRY DATA DICTIONARY

Kerma area product

Either "Not provided by imaging equipment", or a decimal number followed by "Gy" or "mGy". Required if kerma area product not provided.

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortRemoval1.3	Venous port removal
SIR_CVA_Tunneled1.3	Tunneled central venous catheter placement
SIR_CVA_TunneledCatheterRemoval1.3	Tunneled central venous catheter removal
SIR_IVCFilterInsertion1.3	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval1.3	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful1.3	Inferior vena cava (IVC) filter retrieval - unsuccessful

Report Heading: Procedure Details **Module:** Radiation dose

Measure: MIPS 145 Exposure Dose or Time Reported for Procedures Using Fluoroscopy

Required? Conditional; see above **Data type:** String

Allow any value? No; see above **Predefined options?** No

IR REGISTRY DATA DICTIONARY

Kerma area product

Decimal number followed by "Gy-cm2". Required if reference air kerma not provided.

Reports:

Version	Name
SIR_ACP_UterineArteryEmbolization1.0	Uterine artery embolization
SIR_CVA_ArmPort1.0	Arm port placement
SIR_CVA_ChestPort1.0	Chest port placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_Non-tunneledCatheterBelowDiaphragm1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICCBelowDiaphragm1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_PortRemoval1.0	Port removal
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_CVA_TunneledCatheterBelowDiaphragm1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledCatheterRemoval1.0	Tunneled central venous catheter removal
SIR_CVA_TunneledDialysisCatheter1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledDialysisCatheterBelowDiaphragm1.0	Tunneled catheter placement
SIR_VCP_IVCFilterInsertion1.0	Inferior vena cava (IVC) filter insertion
SIR_VCP_IVCFilterRetrieval1.0	Inferior vena cava (IVC) filter retrieval
SIR_VCP_IVCFilterRetrievalUnsuccessful1.0	Inferior vena cava (IVC) filter retrieval - unsuccessful

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	String
Allow any value?	No; see above	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Kerma area product (cGy-m2)

Required if reference air kerma or kerma area product in mGy-cm2 or Gy-cm2 not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
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SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	Decimal
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Kerma area product (Gy-cm²)

Required if reference air kerma or kerma area product in mGy-cm² or cGy-m² not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	Decimal
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Kerma area product (mGy-cm²)

Required if reference air kerma or kerma area product in Gy-cm² or cGy-m² not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	Decimal
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Level of anesthesia

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

SIR_CVA_PICC1.0

SIR_CVA_PortBelowDiaphragm1.0

Name

Non-tunneled catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Port placement

Report Heading: Procedure Details**Module:** Anesthesia/sedation**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

None

Minimal sedation

Moderate sedation

Deep sedation

General

IR REGISTRY DATA DICTIONARY

Level of anesthesia/sedation

Anesthesia/sedation

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Anesthesia/sedation

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

No sedation
Minimal sedation (anxiolysis)
Moderate sedation (conscious sedation)
Deep sedation
General anesthesia
Monitored anesthesia care

IR REGISTRY DATA DICTIONARY

Lumen number

Reports:

Version

SIR_CVA_PICC1.0

SIR_CVA_PICC1.3

Name

Peripherally Inserted Central Catheter (PICC) placement

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Impression**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Single-lumen

Dual-lumen

Lumens

Reports:

Version

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

Name

Venous port placement

Port placement

Report Heading: Impression**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Single-lumen

Dual-lumen

IR REGISTRY DATA DICTIONARY

Lumens

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Single-
Dual-
Triple-
Quad-

IR REGISTRY DATA DICTIONARY

Medical reason for site preparation exception

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details **Module:** Pre-procedure

Measure: MIPS 76 Prevention of Central Venous Catheter (CVC) - Related Bloodstream Infections – National Quality Strategy Domain: Patient Safety

Required? Yes **Data type:** String

Allow any value? No **Predefined options?** Yes

Permitted values:

- Not applicable
- Clorhexidine allergy
- Emergency access
- No medical reason

IR REGISTRY DATA DICTIONARY

Medical reason for site preparation exception (MIPS)

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement
SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details **Module:** Pre-procedure

Measure: MIPS 76 Prevention of Central Venous Catheter (CVC) - Related Bloodstream Infections – National Quality Strategy Domain: Patient Safety

Required? Yes **Data type:** String

Allow any value? No **Predefined options?** Yes

Permitted values:

- Not applicable
- Chlorhexidine allergy
- Emergency access
- No medical reason

IR REGISTRY DATA DICTIONARY

Number of core specimens

Number of cores obtained or N/A

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

Number of FNA specimens

Number of cores obtained or N/A

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Observationdatetime

Date of procedure. Must be less than or equal to the current date

Reports:

Version

All versions

Name

All reports

Report Heading: None

Module: None

Measure: All

Required? Yes

Data type: DateTime

Allow any value? No; see above

Predefined options? No

On-site biopsy touch preparation

Yes/No

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Yes

No

IR REGISTRY DATA DICTIONARY

Patient discharged from procedure suite with device accessed

Reports:

Version

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

Name

Venous port placement

Port placement

Report Heading: Procedure Details**Module:** Closure**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

No

Yes

PatientID

Required if PatientId-external and PatientId-internal not provided

Reports:

Version

All versions

Name

All reports

Report Heading: None**Module:** None**Measure:** All**Required?** Conditional; see above**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

PatientID-external

Required if PatientId and PatientId-internal not provided

Reports:

Version

All versions

Name

All reports

Report Heading: None

Module: None

Measure: All

Required? Conditional; see above

Data type: String

Allow any value? Yes

Predefined options? No

PatientID-internal

Required if PatientID and PatientId-external not provided

Reports:

Version

All versions

Name

All reports

Report Heading: None

Module: None

Measure: All

Required? Conditional; see above

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Plan

Reports:

Version

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

Name

Venous port placement

Port placement

Report Heading: Plan**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

The port may be used immediately

Plan

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Plan**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Specimen(s) sent for evaluation

IR REGISTRY DATA DICTIONARY

Plan

Reports:

Version

SIR_EmboUterine_v2

Name

Uterine artery embolization

Report Heading: Plan**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

Plan

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

Name

Non-tunneled central venous catheter placement

SIR_CVA_NonTunneledCatheter1.0

Non-tunneled catheter placement

SIR_CVA_NonTunneledCatheter1.3

Non-tunneled central venous catheter placement

SIR_CVA_TunneledCatheter1.0

Tunneled catheter placement

SIR_TunneledDialysisCatheter_v2

Tunneled dialysis catheter placement

Report Heading: Plan**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

The catheter may be used immediately

IR REGISTRY DATA DICTIONARY

Port location

Reports:

Version

SIR_CVA_Port1.3

Name

Venous port placement

Report Heading: Impression**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Chest

Arm

Inguinal port

Port placed

Manufacturer and device name

Reports:

Version

SIR_CVA_Port1.3

Name

Venous port placement

Report Heading: Procedure Details**Module:** Port placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Port placed

Manufacturer and device name

Reports:

Version

SIR_CVA_PortBelowDiaphragm1.0

Name

Port placement

Report Heading: Procedure Details

Module: Port placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Bard PowerPort

Bard PowerPort Slim

Smiths Medical Port-a-Cath

Smiths Medical Port-a-Cath II

AngioDynamics Small Port

AngioDynamics Bioflo Port

Port site

Reports:

Version

SIR_CVA_PortBelowDiaphragm1.0

Name

Port placement

Report Heading: Procedure Details

Module: Port placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Port site

Reports:

Version

SIR_CVA_Port1.3

Name

Venous port placement

Report Heading: Procedure Details**Module:** Port placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Upper chest

Upper arm

Lower abdomen

Upper thigh

Inguinal region

IR REGISTRY DATA DICTIONARY

Post-procedure diagnosis

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_Cryoablation_v2	Image-guided cryoablation
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Power injection

Reports:

Version

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

Name

Venous port placement

Port placement

Report Heading: Impression**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Power-injectable

Non-power-injectable

Power-injectable

Reports:

Version

SIR_CVA_PICC1.0

SIR_CVA_PICC1.3

Name

Peripherally Inserted Central Catheter (PICC) placement

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Impression**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Power injectable

Non power-injectable

IR REGISTRY DATA DICTIONARY

Preliminary assessment of sample adequacy

Sample adequacy

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Biopsy

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Adequate

Adequacy not confirmed

Not applicable

Preparation

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

SIR_CVA_PICC1.0

SIR_CVA_PortBelowDiaphragm1.0

Name

Non-tunneled catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Port placement

Report Heading: Procedure Details

Module: Pre-procedure

Measure: MIPS 76 Prevention of Central Venous Catheter (CVC) - Related Bloodstream Infections – National Quality Strategy Domain: Patient Safety

Required? Yes

Data type: String

Allow any value? No

Predefined options? Yes

Permitted values:

The site was prepared and draped using all elements of maximal sterile barrier technique including sterile gloves, sterile gown, cap, mask, large sterile sheet, sterile ultrasound probe cover, hand hygiene and cutaneous antisepsis with 2% chlorhexidine.

The site was not prepared and draped using all elements of maximal sterile barrier technique including sterile gloves, sterile gown, cap, mask, large sterile sheet, sterile ultrasound probe cover, hand hygiene and cutaneous antisepsis with 2% chlorhexidine.

IR REGISTRY DATA DICTIONARY

Preparation

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Pre-procedure

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

The site was prepared and draped using maximal sterile barrier technique including cutaneous antisepsis.

IR REGISTRY DATA DICTIONARY

Preparation (MIPS)

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement
SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details **Module:** Pre-procedure

Measure: MIPS 76 Prevention of Central Venous Catheter (CVC) - Related Bloodstream Infections – National Quality Strategy Domain: Patient Safety

Required? Yes **Data type:** String

Allow any value? No **Predefined options?** Yes

Permitted values:

The site was prepared and draped using all elements of maximal sterile barrier technique including sterile gloves, sterile gown, cap, mask, large sterile sheet, sterile ultrasound probe cover, hand hygiene and cutaneous antisepsis with 2% chlorhexidine.

The site was not prepared and draped using all elements of maximal sterile barrier technique including sterile gloves, sterile gown, cap, mask, large sterile sheet, sterile ultrasound probe cover, hand hygiene and cutaneous antisepsis with 2% chlorhexidine.

IR REGISTRY DATA DICTIONARY

Pre-procedure diagnosis

Diagnosis

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_Cryoablation_v2	Image-guided cryoablation
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Pre-procedure diagnosis (QCDR)

Reports:

Version

SIR_EmboUterine_v2

Name

Uterine artery embolization

Report Heading: Procedure**Module:** None**Measure:** MIPS 465 Uterine artery embolization technique: Documentation of angiographic endpoints and interrogation of ovarian arteries**Required?** Yes**Data type:** String**Allow any value?** No**Predefined options?** Yes

Permitted values:

Symptomatic uterine fibroids

Symptomatic uterine fibroids and adenomyosis

Symptomatic adenomyosis

Postpartum hemorrhage

IR REGISTRY DATA DICTIONARY

Presence

Reports:

Version	Name
SIR_ACP_UterineArteryEmbolization1.0	Uterine artery embolization
SIR_CVA_ArmPort1.0	Arm port placement
SIR_CVA_ChestPort1.0	Chest port placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_Non-tunneledCatheterBelowDiaphragm1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICCBelowDiaphragm1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_PortRemoval1.0	Port removal
SIR_CVA_PortRemoval1.3	Venous port removal
SIR_CVA_Tunneled1.3	Tunneled central venous catheter placement
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_CVA_TunneledCatheterBelowDiaphragm1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledCatheterRemoval1.0	Tunneled central venous catheter removal
SIR_CVA_TunneledCatheterRemoval1.3	Tunneled central venous catheter removal
SIR_CVA_TunneledDialysisCatheter1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledDialysisCatheterBelowDiaphragm1.0	Tunneled catheter placement
SIR_IVCFilterInsertion1.3	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval1.3	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful1.3	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_VCP_IVCFilterInsertion1.0	Inferior vena cava (IVC) filter insertion
SIR_VCP_IVCFilterRetrieval1.0	Inferior vena cava (IVC) filter retrieval
SIR_VCP_IVCFilterRetrievalUnsuccessful1.0	Inferior vena cava (IVC) filter retrieval - unsuccessful

IR REGISTRY DATA DICTIONARY

Report Heading: Procedure Details

Module: Attestation

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

IR REGISTRY DATA DICTIONARY

Presence

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_Cholecystostomy_v2	Cholecystostomy tube placement
SIR_Cryoablation_v2	Image-guided cryoablation
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization
SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_GUSuprapubic_v2	Suprapubic catheter placement
SIR_HeatBasedAblation_v2	Image-guided heat-based ablation
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_Paracentesis_v2	Ultrasound-guided paracentesis
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement

IR REGISTRY DATA DICTIONARY

SIR_PortRemoval_v2	Venous port removal
SIR_Thoracentesis_v2	Ultrasound-guided thoracentesis
SIR_ThrombinInjection_v2	Ultrasound-guided thrombin injection
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement
SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_TunneledPeritonealCatheter_v2	Tunneled peritoneal catheter placement
SIR_TunneledPleuralCatheter_v2	Tunneled pleural catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading: Procedure Details

Module: Attestation

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Was present for the entire procedure

Was present for the key elements of the procedure and was immediately available

Supervised the procedure and was immediately available

IR REGISTRY DATA DICTIONARY

Previous biopsy of same target (QCDR)

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure**Module:** None**Measure:** QCDR ACRad 30 Rate of Adequate Percutaneous Image-Guided Biopsy**Required?** Yes**Data type:** String**Allow any value?** No**Predefined options?** Yes

Permitted values:

Yes - repeat biopsy due to sample inadequacy from prior biopsy at this institution

Yes - repeat biopsy due to sample inadequacy from prior biopsy at outside institution

Yes - repeat biopsy due to other reason

No

Prophylactic antibiotic administered

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

Name

Non-tunneled catheter placement

SIR_CVA_PICC1.0

Peripherally Inserted Central Catheter (PICC) placement

SIR_CVA_PortBelowDiaphragm1.0

Port placement

Report Heading: Procedure Details**Module:** Pre-procedure**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

One hour

More hours

None

IR REGISTRY DATA DICTIONARY

Prophylactic antibiotic administered

Antibiotic time

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement

Report Heading: Procedure Details

Module: Pre-procedure

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Within 1 hour of procedure start time or 2 hours for vancomycin or fluoroquinolones

More hours

Already on antibiotics

None

IR REGISTRY DATA DICTIONARY

Reference air kerma

Decimal number followed by "mGy". Required if kerma area product not provided.

Reports:

Version	Name
SIR_ACP_UterineArteryEmbolization1.0	Uterine artery embolization
SIR_CVA_ArmPort1.0	Arm port placement
SIR_CVA_ChestPort1.0	Chest port placement
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_Non-tunneledCatheterBelowDiaphragm1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICCBelowDiaphragm1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement
SIR_CVA_PortRemoval1.0	Port removal
SIR_CVA_TunneledCatheter1.0	Tunneled catheter placement
SIR_CVA_TunneledCatheterBelowDiaphragm1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledCatheterRemoval1.0	Tunneled central venous catheter removal
SIR_CVA_TunneledDialysisCatheter1.0	Tunneled dialysis catheter placement
SIR_CVA_TunneledDialysisCatheterBelowDiaphragm1.0	Tunneled catheter placement
SIR_VCP_IVCFilterInsertion1.0	Inferior vena cava (IVC) filter insertion
SIR_VCP_IVCFilterRetrieval1.0	Inferior vena cava (IVC) filter retrieval
SIR_VCP_IVCFilterRetrievalUnsuccessful1.0	Inferior vena cava (IVC) filter retrieval - unsuccessful

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	String
Allow any value?	No; see above	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Reference air kerma

Either "Not provided by imaging equipment", or a decimal number followed by "Gy" or "mGy". Required if kerma area product not provided.

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortRemoval1.3	Venous port removal
SIR_CVA_Tunneled1.3	Tunneled central venous catheter placement
SIR_CVA_TunneledCatheterRemoval1.3	Tunneled central venous catheter removal
SIR_IVCFilterInsertion1.3	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval1.3	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful1.3	Inferior vena cava (IVC) filter retrieval - unsuccessful

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	String
Allow any value?	No; see above	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Reference air kerma (Gy)

Required if reference air kerma (mGy) or kerma area product not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145	Exposure Dose or Time Reported for Procedures Using Fluoroscopy	
Required?	Conditional; see above	Data type:	Decimal
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Reference air kerma (mGy)

Required if reference air kerma (Gy) or kerma area product not provided

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization
SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement
SIR_PortRemoval_v2	Venous port removal
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement

IR REGISTRY DATA DICTIONARY

SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading:	Procedure Details	Module:	Radiation dose
Measure:	MIPS 145 Exposure Dose or Time Reported for Procedures Using Fluoroscopy		
Required?	Conditional; see above	Data type:	Decimal
Allow any value?	Yes	Predefined options?	No

Reference imaging for biopsy target

Comparison imaging

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy

Report Heading:	Procedure Details	Module:	Pre-procedure
Measure:	None		
Required?	No	Data type:	String
Allow any value?	Yes	Predefined options?	No

IR REGISTRY DATA DICTIONARY

Relevant imaging review

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Pre-procedure

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Prior imaging

Resident physician(s)

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Resident(s)

Reports:**Version**

SIR_CVA_NonTunneledCatheter1.0

SIR_CVA_NonTunneledCatheter1.3

SIR_CVA_PICC1.0

SIR_CVA_PICC1.3

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

SIR_CVA_TunneledCatheter1.0

SIR_EmboUterine_v2

Name

Non-tunneled catheter placement

Non-tunneled central venous catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Peripherally Inserted Central Catheter (PICC) placement

Venous port placement

Port placement

Tunneled catheter placement

Uterine artery embolization

Report Heading: Procedure**Module:** None**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Signer name

Reports:

Version	Name
SIR_AngioLowerExtremity_v2	Lower extremity angiography
SIR_AngioLowerExtremityInterventions_v2	Lower extremity angiography and interventions
SIR_AngioMesenteric_v2	Mesenteric angiography
SIR_AngioMesentericInterventions_v2	Mesenteric angiography and interventions
SIR_AngioPelvic_v2	Pelvic angiography
SIR_AngioPulmonary_v2	Pulmonary angiography
SIR_AngioPulmonaryInterventions_v2	Pulmonary angiography and interventions
SIR_BiliaryDrainExchange_v2	Biliary drain exchange
SIR_BiliaryDrainPlacement_v2	Transhepatic cholangiogram and biliary drain placement
SIR_BiliaryDrainRemoval_v2	Transhepatic cholangiogram and biliary drain removal
SIR_BiliaryStent_v2	Transhepatic cholangiogram and biliary stent placement
SIR_BiliaryStentExistingAccess_v2	Transhepatic cholangiogram and biliary stent placement
SIR_Biopsy_v2	Image-guided biopsy
SIR_ChestTube_v2	Chest tube placement
SIR_Cholecystostomy_v2	Cholecystostomy tube placement
SIR_Cryoablation_v2	Image-guided cryoablation
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_DialysisFistulagram_v2	Dialysis fistulagram
SIR_DialysisFistulaInterventions_v2	Dialysis fistulagram and interventions
SIR_DialysisGraftDecлот_v2	Arteriovenous graft declot
SIR_DrainageAspiration_v2	Fluid collection aspiration
SIR_DrainageCatheterExchange_v2	Drainage catheter exchange
SIR_DrainageCheckRemoval_v2	Drainage catheter check and removal
SIR_DrainPlacement_v2	Drainage catheter placement
SIR_EmboHepaticDEBTACE_v2	Hepatic transarterial chemoembolization - Drug-eluting
SIR_EmboHepaticPVE_v2	Portal vein embolization

IR REGISTRY DATA DICTIONARY

SIR_EmboHepaticTACE_v2	Hepatic transarterial chemoembolization - Conventional
SIR_EmboHepaticTAE_v2	Hepatic transarterial embolization
SIR_EmboHepaticY90Admin_v2	Hepatic radioembolization - Radioisotope administration
SIR_EmboHepaticY90Prep_v2	Hepatic radioembolization preparatory angiogram and Tc99m-MAA administration
SIR_EmboMesenteric_v2	Mesenteric angiography and embolization
SIR_EmboPelvic_v2	Pelvic embolization
SIR_EmboProstate_v2	Prostate artery embolization
SIR_EmboPulmonary_v2	Pulmonary angiography and embolization
SIR_EmboUterine_v2	Uterine artery embolization
SIR_Gastrojejunostomy_v2	Gastrojejunostomy tube placement
SIR_GastrojejunostomyConversion_v2	Gastrostomy to gastrojejunostomy tube conversion
SIR_GastrojejunostomyExchange_v2	Gastrojejunostomy tube exchange
SIR_GastrostomyExchange_v2	Gastrostomy tube exchange
SIR_GastrostomyPull_v2	Gastrostomy tube placement
SIR_GastrostomyPush_v2	Gastrostomy tube placement
SIR_GUCatheterConversion_v2	Genitourinary catheter conversion
SIR_GUCatheterExchange_v2	Genitourinary catheter exchange
SIR_GUCatheterPlacement_v2	Genitourinary catheter placement
SIR_GUSuprapubic_v2	Suprapubic catheter placement
SIR_HeatBasedAblation_v2	Image-guided heat-based ablation
SIR_IVCFilterInsertion_v2	Inferior vena cava (IVC) filter insertion
SIR_IVCFilterRetrieval_v2	Inferior vena cava (IVC) filter retrieval
SIR_IVCFilterRetrievalUnsuccessful_v2	Inferior vena cava (IVC) filter retrieval - unsuccessful
SIR_Lymphangiography_v2	Lymphangiography
SIR_LymphangiographyInterv_v2	Lymphangiography and interventions
SIR_MidlineCatheter_v2	Midline venous catheter placement
SIR_Paracentesis_v2	Ultrasound-guided paracentesis
SIR_PICC_v2	Peripherally Inserted Central Catheter (PICC) placement
SIR_Port_v2	Venous port placement

IR REGISTRY DATA DICTIONARY

SIR_PortRemoval_v2	Venous port removal
SIR_Thoracentesis_v2	Ultrasound-guided thoracentesis
SIR_ThrombinInjection_v2	Ultrasound-guided thrombin injection
SIR_TIPS_v2	Transjugular Intrahepatic Portosystemic Shunt (TIPS)
SIR_TransjugularLiverBiopsy_v2	Transjugular liver biopsy
SIR_TransjugularLiverBiopsyPressures_v2	Transjugular liver biopsy with pressure measurements
SIR_TunneledCatheter_v2	Tunneled central venous catheter placement
SIR_TunneledCatheterConversion_v2	Conversion of non-tunneled to tunneled central venous catheter
SIR_TunneledCatheterExchange_v2	Tunneled central venous catheter exchange
SIR_TunneledCatheterRemoval_v2	Tunneled central venous catheter removal
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement
SIR_TunneledPeritonealCatheter_v2	Tunneled peritoneal catheter placement
SIR_TunneledPleuralCatheter_v2	Tunneled pleural catheter placement
SIR_VenographyDiagnostic_v2	Diagnostic venography
SIR_VenographyFollow-upInterventions_v2	Diagnostic venography and thrombolysis follow-up
SIR_VenographyInitialInterventions_v2	Diagnostic venography and interventions
SIR_VertebralAugCavityCreat_Reg_v2	Vertebral augmentation with cavity creation
SIR_VertebroplastyReg_v2	Vertebroplasty

Report Heading: Procedure Details

Measure: All

Required? Yes

Allow any value? Yes

Module: Attestation

Data type: String

Predefined options? No

IR REGISTRY DATA DICTIONARY

Specimens removed

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details**Module:** Additional details**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Biopsy samples as detailed above

Specimens removed

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

Name

Non-tunneled central venous catheter placement

SIR_CVA_NonTunneledCatheter1.0

Non-tunneled catheter placement

SIR_CVA_NonTunneledCatheter1.3

Non-tunneled central venous catheter placement

SIR_CVA_PICC1.0

Peripherally Inserted Central Catheter (PICC) placement

SIR_CVA_PICC1.3

Peripherally Inserted Central Catheter (PICC) placement

SIR_CVA_Port1.3

Venous port placement

SIR_CVA_PortBelowDiaphragm1.0

Port placement

Report Heading: Procedure Details**Module:** Additional details**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Standardized report

Reports:

Version

All versions

Name

All reports

Report Heading: Procedure Details**Module:** Additional details**Measure:** All**Required?** Yes**Data type:** String**Allow any value?** No**Predefined options?** Yes

Permitted values:

SIR_ACP_UterineArteryEmbolization1.0
SIR_CVA_ArmPort1.0
SIR_CVA_ChestPort1.0
SIR_CVA_NonTunneledCatheter1.0
SIR_CVA_Non-tunneledCatheterBelowDiaphragm1.0
SIR_CVA_PICC1.0
SIR_CVA_PICCBelowDiaphragm1.0
SIR_CVA_PortBelowDiaphragm1.0
SIR_CVA_PortRemoval1.0
SIR_CVA_TunneledCatheter1.0
SIR_CVA_TunneledCatheterBelowDiaphragm1.0
SIR_CVA_TunneledCatheterRemoval1.0
SIR_CVA_TunneledDialysisCatheter1.0
SIR_CVA_TunneledDialysisCatheterBelowDiaphragm1.0
SIR_VCP_IVCFilterInsertion1.0
SIR_VCP_IVCFilterRetrieval1.0
SIR_VCP_IVCFilterRetrievalUnsuccessful1.0
SIR_CVA_Port1.3
SIR_CVA_PICC1.3
SIR_CVA_NonTunneledCatheter1.3
SIR_CVA_TunneledCatheterRemoval1.3
SIR_IVCFilterRetrievalUnsuccessful1.3
SIR_IVCFilterRetrieval1.3
SIR_IVCFilterInsertion1.3

IR REGISTRY DATA DICTIONARY

SIR_CVA_Tunneled1.3
SIR_CVA_PortRemoval1.3
SIR_AngioLowerExtremity_v2
SIR_AngioLowerExtremityInterventions_v2
SIR_AngioMesenteric_v2
SIR_AngioMesentericInterventions_v2
SIR_AngioPelvic_v2
SIR_AngioPulmonary_v2
SIR_AngioPulmonaryInterventions_v2
SIR_BiliaryDrainExchange_v2
SIR_BiliaryDrainPlacement_v2
SIR_BiliaryDrainRemoval_v2
SIR_BiliaryStent_v2
SIR_BiliaryStentExistingAccess_v2
SIR_Biopsy_v2
SIR_ChestTube_v2
SIR_Cholecystostomy_v2
SIR_Cryoablation_v2
SIR_CVA_NonTunneledCatheter_v2
SIR_DialysisFistulagram_v2
SIR_DialysisFistulaInterventions_v2
SIR_DialysisGraftDeclot_v2
SIR_DrainageAspiration_v2
SIR_DrainageCatheterExchange_v2
SIR_DrainageCheckRemoval_v2
SIR_DrainPlacement_v2
SIR_EmboHepaticDEBTACE_v2
SIR_EmboHepaticPVE_v2
SIR_EmboHepaticTACE_v2
SIR_EmboHepaticTAE_v2
SIR_EmboHepaticY90Admin_v2
SIR_EmboHepaticY90Prep_v2
SIR_EmboMesenteric_v2
SIR_EmboPelvic_v2
SIR_EmboProstate_v2

IR REGISTRY DATA DICTIONARY

SIR_EmboPulmonary_v2
SIR_EmboUterine_v2
SIR_Gastrojejunostomy_v2
SIR_GastrojejunostomyConversion_v2
SIR_GastrojejunostomyExchange_v2
SIR_GastrostomyExchange_v2
SIR_GastrostomyPull_v2
SIR_GastrostomyPush_v2
SIR_GUCatheterConversion_v2
SIR_GUCatheterExchange_v2
SIR_GUCatheterPlacement_v2
SIR_GUSuprapubic_v2
SIR_HeatBasedAblation_v2
SIR_IVCFilterInsertion_v2
SIR_IVCFilterRetrieval_v2
SIR_IVCFilterRetrievalUnsuccessful_v2
SIR_Lymphangiography_v2
SIR_LymphangiographyInterv_v2
SIR_MidlineCatheter_v2
SIR_Paracentesis_v2
SIR_PICC_v2
SIR_Port_v2
SIR_PortRemoval_v2
SIR_Thoracentesis_v2
SIR_ThrombinInjection_v2
SIR_TIPS_v2
SIR_TransjugularLiverBiopsy_v2
SIR_TransjugularLiverBiopsyPressures_v2
SIR_TunneledCatheter_v2
SIR_TunneledCatheterConversion_v2
SIR_TunneledCatheterExchange_v2
SIR_TunneledCatheterRemoval_v2
SIR_TunneledDialysisCatheter_v2
SIR_TunneledPeritonealCatheter_v2
SIR_TunneledPleuralCatheter_v2

IR REGISTRY DATA DICTIONARY

SIR_VenographyDiagnostic_v2

SIR_VenographyFollow-upInterventions_v2

SIR_VenographyInitialInterventions_v2

SIR_VertebralAugCavityCreat_Reg_v2

SIR_VertebroplastyReg_v2

IR REGISTRY DATA DICTIONARY

Tip position

Reports:

Version

SIR_CVA_PortBelowDiaphragm1.0

Name

Port placement

Report Heading: Procedure Details**Module:** Port placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

More than 8 VBUs above lumbosacral junction

8 VBUs above lumbosacral junction

7.5 VBUs above lumbosacral junction

7 VBUs above lumbosacral junction

6.5 VBUs above lumbosacral junction

6 VBUs above lumbosacral junction

5.5 VBUs above lumbosacral junction

5 VBUs above lumbosacral junction

4.5 VBUs above lumbosacral junction

4 VBUs above lumbosacral junction

3.5 VBUs above lumbosacral junction

3 VBUs above lumbosacral junction

2.5 VBUs above lumbosacral junction

2 VBUs above lumbosacral junction

1.5 VBUs above lumbosacral junction

1 VBU above lumbosacral junction

0.5 VBUs above lumbosacral junction

At the lumbosacral junction

between the inguinal ligament and the lumbosacral junction

below the inguinal ligament

within the hepatic vein

Uncertain

IR REGISTRY DATA DICTIONARY

Tip position

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

SIR_CVA_PICC1.0

Name

Non-tunneled catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details**Module:** Catheter placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

More than 2 VBUs above carina

2 VBUs above carina

1.75 VBUs above carina

1.5 VBUs above carina

1.25 VBUs above carina

1 VBU above the carina

0.75 VBUs above carina

0.5 VBUs above carina

0.25 VBUs above carina

At carina

0.25 VBUs below carina

0.5 VBUs below carina

0.75 VBUs below carina

1 VBU below carina

1.25 VBUs below carina

1.5 VBUs below carina

1.75 VBUs below carina

2 VBUs below carina

2.25 VBUs below carina

2.5 VBUs below carina

2.75 VBUs below carina

3 VBUs below carina

3.25 VBUs below carina

IR REGISTRY DATA DICTIONARY

3.5 VBUs below carina

3.75 VBUs below carina

4 VBUs below carina

More than 4 VBUs below carina

Uncertain

Total intra-service sedation time (minutes)

Face-to-face sedation time

Reports:

Version	Name
SIR_Biopsy_v2	Image-guided biopsy
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Procedure Details

Module: Anesthesia/sedation

Measure: None

Required? No

Data type: Decimal

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Tract embolization

Tract embolization

Reports:

Version

SIR_Biopsy_v2

Name

Image-guided biopsy

Report Heading: Procedure Details

Module: Needle removal

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

None

Gelfoam slurry

Gelfoam pledgets

Blood patch

Hydrogel plug

Not applicable

Unique device identifier

Reports:

Version

SIR_CVA_NonTunneledCatheter_v2

Name

Non-tunneled central venous catheter placement

Report Heading: Procedure Details

Module: Catheter placement

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

IR REGISTRY DATA DICTIONARY

Unique device identifier (UDI)

Reports:

Version

SIR_CVA_Port1.3

SIR_CVA_PortBelowDiaphragm1.0

SIR_TunneledDialysisCatheter_v2

Name

Venous port placement

Port placement

Tunneled dialysis catheter placement

Report Heading: Procedure Details**Module:** Catheter placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

Unique Device Identifier (UDI)

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

SIR_CVA_NonTunneledCatheter1.3

SIR_CVA_PICC1.0

SIR_CVA_PICC1.3

Name

Non-tunneled catheter placement

Non-tunneled central venous catheter placement

Peripherally Inserted Central Catheter (PICC) placement

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details**Module:** Catheter placement**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes**Predefined values:**

Not available

IR REGISTRY DATA DICTIONARY

Vein accessed

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.0	Non-tunneled catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_CVA_PortBelowDiaphragm1.0	Port placement

Report Heading: Procedure Details

Module: Anesthesia/sedation

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Brachial vein
Basilic vein
Cephalic vein
Antecubital vein
Common femoral vein
Femoral collateral vein
Popliteal vein
Hepatic vein

IR REGISTRY DATA DICTIONARY

Vein accessed

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_Port1.3	Venous port placement

Report Heading: Procedure Details

Module: Access

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Internal jugular vein
External jugular vein
Jugular collateral vein
Subclavian vein
Subclavian collateral vein
Axillary vein
Common femoral vein
Femoral vein
Femoral collateral vein
Brachial vein
Basilic vein
Cephalic vein
Antecubital vein

IR REGISTRY DATA DICTIONARY

Vein accessed

Reports:

Version

SIR_CVA_PortBelowDiaphragm1.0

Name

Port placement

Report Heading: Procedure Details

Module: Access

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Right common femoral

Left common femoral

Right femoral

Left femoral

Right femoral collateral

Left femoral collateral

Right popliteal

Left popliteal

Inferior vena cava directly

Right hepatic vein

Middle hepatic vein

Left hepatic vein

IR REGISTRY DATA DICTIONARY

Vein accessed

Reports:

Version

SIR_CVA_PICC1.0

Name

Peripherally Inserted Central Catheter (PICC) placement

Report Heading: Procedure Details

Module: Access

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Brachial

Basilic

Cephalic

Antecubital

IR REGISTRY DATA DICTIONARY

Vein accessed

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

Name

Non-tunneled catheter placement

Report Heading: Procedure Details**Module:** Access**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** Yes

Predefined values:

Right internal jugular

Left internal jugular

Right jugular collateral

Left jugular collateral

Right subclavian

Left subclavian

Right subclavian collateral

Left subclavian collateral

Right axillary

Left axillary

Other vein

IR REGISTRY DATA DICTIONARY

Vein accessed (QCDR)

Reports:

Version

SIR_TunneledDialysisCatheter_v2

Name

Tunneled dialysis catheter placement

Report Heading: Procedure Details**Module:** Access**Measure:** QCDR ACRad 26 Appropriate venous access for hemodialysis**Required?** Yes**Data type:** String**Allow any value?** No**Predefined options?** Yes

Permitted values:

Internal jugular vein

External jugular vein

Jugular collateral vein

Subclavian vein

Axillary vein

Common femoral vein

Femoral vein

Femoral collateral vein

Vein catheterized

Reports:

Version

SIR_CVA_NonTunneledCatheter1.0

Name

Non-tunneled catheter placement

SIR_CVA_PICC1.0

Peripherally Inserted Central Catheter (PICC) placement

SIR_CVA_PortBelowDiaphragm1.0

Port placement

Report Heading: Procedure Details**Module:** Venography**Measure:** None**Required?** No**Data type:** String**Allow any value?** Yes**Predefined options?** No

IR REGISTRY DATA DICTIONARY

Venous segment imaged

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement

Report Heading: Procedure Details

Module: Venography

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? No

Venous side

Reports:

Version	Name
SIR_CVA_NonTunneledCatheter_v2	Non-tunneled central venous catheter placement
SIR_CVA_NonTunneledCatheter1.3	Non-tunneled central venous catheter placement
SIR_CVA_PICC1.0	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_PICC1.3	Peripherally Inserted Central Catheter (PICC) placement
SIR_CVA_Port1.3	Venous port placement
SIR_TunneledDialysisCatheter_v2	Tunneled dialysis catheter placement

Report Heading: Impression

Module: None

Measure: None

Required? No

Data type: String

Allow any value? Yes

Predefined options? Yes

Predefined values:

Left
Right

IR REGISTRY DATA DICTIONARY

VersionID

HL7 version

Reports:

Version

All versions

Name

All reports

Report Heading: None

Module: None

Measure: All

Required? Yes

Data type: String

Allow any value? No

Predefined options? Yes

Permitted values:

2.3

2.3.1

2.4