

LDA STANDARDIZATION

Lines



Background

- Epic released LDA Avatar with 2018 upgrade, making LDAs easily viewable.
- Multiple requests from nursing to standardize LDA flowsheet rows.
- Quality issues related to lack of standardization in LDA flowsheet rows.

Current Status

- **Duplicative LDAs**

- The same LDA existed in multiple departments that had different flowsheet rows.
- For example, the peripheral IV LDA existed in ED, Adult, and Neo/Peds. All were similar with slight differences.

- **Lack of standardization**

- Flowsheet rows varied from one type of LDA to another.
- For example, end cap, tubing, and dressing changes were not present in all line LDAs.

Phase One: UAC, UVC, CVC, Midline, an PICC

Go-live date is December 4, 2018



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MEDICAL CENTER

UAC Properties

Umbilical Artery Catheter 11/08/18

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1318

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Size: 14 | Length (cm): 2

Inserted by: Testing, User

Securement Method: Taped; Sutured Skin barrier

Patient Tolerance: Tolerated well; Tolerated poorly; Other (Comment)

Initial Exposed Catheter (cm): 1

Placement Verification: X-ray; Blood return; Other (Comment)

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |

Removal Catheter Length (cm): |

Umbilical Artery Catheter 11/08/18

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1328

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt; 2nd attempt; 3rd attempt; 4th attempt; Other (See c...

Hand Hygiene Completed: Yes; No (Comment)

Site Prep: Alcohol; Betadine; Chlorhexidine; Other (Comment)

Patient Tolerance: Tolerated well; Tolerated poorly; Other (Comment)

IV Change Due: 11/10/2018

Description (optional): |

Size: 14

Units: Gauge; Fr; cm; in; Other (...)

Length (cm): 2 | Initial Exposed Catheter (cm): 1

Securement Method: Sutured; Taped; Skin barrier

Placement Verification: X-ray; Blood return; Other (Comment)

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |



Removal Reason: Removal criteria met; Catheter damage; Drainage; Infiltrated; IV Discontinued; Occluded; Patient Discharged; Per order; Per patient/family ...; Per protocol; Removed by patient; Site change; Not present on arrival; Other (Comment)



Is catheter intact: Yes; No

Removal Catheter Length (cm): |

Catheter Tip Cultured: Yes; No

UAC Assessment

| Umbilical Artery Catheter 11/08/18 | |
|------------------------------------|---|
| Properties | Placement Date/Time: 11/08/18 1318 Earliest Known Present: 11/08/18 Received with IV intact?: Yes Size: |
| Site Assessment |   |
| Line Status | |
| Art Line Waveform | |
| Securement Status | |
| Length mark (cm) | |
| Art Line Interventions | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |

| Umbilical Artery Catheter 11/08/18 | |
|------------------------------------|---|
| Properties | Placement Date/Time: 11/08/18 1328 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment |   |
| Line Status | |
| Length mark (cm) | |
| Art Line Waveform | |
| Securement Status | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| Line Care | |
| Tubing Change Due | |
| Endcap Change Due | |

UVC Properties

UVC Single Lumen 11/08/18

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1334

Earliest Known Present: 11/8/2018

Received with IV intact?: Yes

Size: 14 Length (cm): 2

Inserted by: Testing, User

Securement Method: Sutured Taped Skin barrier

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

Initial Exposed Catheter (cm): 1

Placement Verification: X-ray Blood return Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Catheter Length (cm):

UVC Single Lumen 11/08/18

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1338

Earliest Known Present: 11/8/2018

Received with IV intact?: Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine Other (Comment)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 14

Units: Gauge Fr cm in Other (...)

Length (cm): 2 Initial Exposed Catheter (cm): 1

Securement Method: Sutured Taped Skin barrier

Placement Verification: X-ray Blood return Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason: Removal criteria met Catheter damage Drainage Infiltrated IV Discontinued Occluded Patient Discharged Per order Per patient/family ... Per protocol Removed by patient Site change Not present on arrival Other (Comment)

Is catheter intact: Yes No

Removal Catheter Length (cm):

Catheter Tip Cultured: Yes No

UVC Assessment

| UVC Single Lumen 11/08/18 | | |
|---------------------------|------------------------------------|--|
| Properties | Placement Date/Time: 11/08/18 1334 | Earliest Known Present: 11/08/18 Received with IV intact?: Yes Size: |
| Site Assessment | <input type="checkbox"/> | <input type="checkbox"/> |
| Line Status | | |
| Length mark (cm) | | |
| Dressing Type | | |
| Dressing Status | | |
| Dressing Intervention | | |
| Dressing Change Due | | |
| Line Care | | |
| Tubing Change Due | | |
| Endcap Change Due | | |

| UVC Single Lumen 11/08/18 | | |
|---------------------------|------------------------------------|--|
| Properties | Placement Date/Time: 11/08/18 1338 | Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | <input type="checkbox"/> | <input type="checkbox"/> |
| Line Status | | |
| Length mark (cm) | | |
| Securement Status | | |
| Dressing Type | | |
| Dressing Status | | |
| Dressing Intervention | | |
| Dressing Change Due | | |
| Line Care | | |
| Tubing Change Due | | |
| Endcap Change Due | | |

CVC Properties

CVC Single Lumen 11/08/18 Left Femoral

Show: Row Info All Choices

Placement Date: 11/6/2018 Placement Time: 1341

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Size: 14

Description (optional):

Length (cm): 2

Orientation: Left Right Anterior Posterior Lateral Medial Proximal
 Distal Superior Inferior Other (c...)

Location: Femoral Internal jugular External jugular Subclavian Other (Comm...)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

Local Anesthetic: Injectable Topical Lidocaine 1% None

Initial Exposed Catheter (cm): 1

Inserted by: Testing, User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Securement Method: Sutured; Taped Skin barrier

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

Placement Verification: X-ray Blood return Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason: Removal criteria met Catheter damage Drainage
 Infiltrated IV Discontinued Occluded
 Patient Discharged Per order Per patient/family ...
 Per protocol Removed by patient Site change
 Not present on arrival Other (Comment)

Removal Catheter Length (cm):

Catheter Tip Cultured: Yes No

CVC Single Lumen 11/08/18 Left Femoral

Show: Row Info All Choices

Placement Date: 11/6/2018 Placement Time: 1343

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

Patient Prep: Comfort measures Pre-medicated Sucrose pacifier N/A due to patien...
 Other (Comment)

Local Anesthetic: Injectable Topical Lidocaine 1% None

Flushed with: Flushed with 3-5 cc NS Flushed with 10 cc NS Other (Comment)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 14

Units: Gauge Fr cm in Other (c...)

Length (cm): 2 Initial Exposed Catheter (cm): 1

Orientation: Left Right Anterior Posterior Lateral Medial Proximal
 Distal Superior Inferior Other (c...)

Location: Femoral Internal jugular External jugular Subclavian Other (Comm...)

Securement Method: Sutured; Taped Skin barrier

Placement Verification: X-ray Blood return Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason: Removal criteria met Catheter damage Drainage
 Infiltrated IV Discontinued Occluded
 Patient Discharged Per order Per patient/family ...
 Per protocol Removed by patient Site change

Is catheter intact? Yes No

Removal Catheter Length (cm):

Catheter Tip Cultured: Yes No

Midline Properties

Midline IV 11/08/18 Left Basalic

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1349

Earliest Known Present: 11/8/2018

Existing Prior to Admission: Yes (comment)

Site Prep: Alcohol Betadine Chlorhexidine Other (Comment)

Line Placed Utilizing: Ultrasound guidance Modified Seldinger technique

Hand Hygiene Completed: Yes No (Comment)

Inserted by: Testing_User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See ...)

Flushed with: Flushed with 10 cc NS Other (Comment)

Successful Placement: Yes No (Comment)

Size (Gauge): 18G 20G

Description (optional):

Lot #: 123

Orientation: Left Right Anterior Posterior Lateral Medial Proximal Distal Superior Inferior Other (...)

Location: Basalic Brachial Cephalic Forearm Other (...)

Lidocaine 1% used (mL): 2 Total Catheter Length (cm): 2

Initial Extremity Circumference (cm): 15

Positive Blood Return Obtained: Yes No (Comment)

Catheter Secured With: Stabilization device Transparent dressing Other (Comment)

Applied at Insertion Site: Chlorhexidine impregnated patch Gauze

Patient Tolerance: Tolerated well Tolerated poorly Without complaint Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removal Reason: Removal criteria met Catheter damage Drainage Infiltrated IV Discontinued Occluded Patient Discharged Per order Per patient/family ... Per protocol Removed by patient Site change Not present on arrival Other (Comment)

Site Assessment: Clean Dry Intact Bleeding Draining Ecchymotic Edematous Extravasated Leaking Painful Pink Positional Red Tender Not asses... Streaking Other (Co...)

Is catheter intact: Yes No

Midline Properties -New

Midline IV 11/08/18 Left Basilic

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1456

Earliest Known Present: 11/8/2018

Received with IV intact?: Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt | 2nd attempt | 3rd attempt | 4th attempt | Other (See c...)

Hand Hygiene Completed: Yes | No (Comment)

Site Prep: Alcohol | Betadine | Chlorhexidine | Other (Comment)

Patient Prep: Comfort measures | Pre-medicated | Sucrose pacifier | N/A due to patien... | Other (Comment)

Local Anesthetic: Injectable | Topical | Lidocaine 1% | None

Flushed with: Flushed with 3-5 cc NS | Flushed with 10 cc NS | Other (Comment)

Patient Tolerance: Tolerated well | Tolerated poorly | Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 18

Units: Gauge | Fr | cm | in | Other (...)

Orientation: Left | Right | Anterior | Posterior | Lateral | Medial | Proximal | Distal | Superior | Inferior | Other (...)

Location: Basilic | Brachial | Cephalic | Forearm | Other (...)

Securement Method: Sutured; Sutured | Taped | Skin barrier

Placement Verification: X-ray | Blood return | Other (Comment)

Lot #: 123

Total Catheter Length (cm): 2 | Initial Extremity Circumference (cm): 15

Removal Date: | Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason: Removal criteria met | Catheter damage | Drainage | infiltrated | IV Discontinued | Occluded | Patient Discharged | Per order | Per patient/family ... | Per protocol | Removed by patient | Site change | Not present on arrival | Other (Comment)

Is catheter intact: Yes | No

Removal Catheter Length (cm):

Catheter Tip Cultured: Yes | No

PICC Properties

PICC Single Lumen 11/08/18 Left Basilic

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1352

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Catheter Time Out Checklist Completed? Yes

Size (Fr): 8

Description (optional):

Length (cm): 2

Orientation: Left Right Anterior Posterior Lateral Medial Proximal
 Distal Superior Inferior Other (...)

Location: Basilic Brachial Cephalic Femoral Other (...)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

Local Anesthetic: Injectable Topical Lidocaine 1% None

Initial Extremity Circumference (cm): 15 | Initial Exposed Catheter (cm): 2

Inserted by: Testing_User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

Placement Verification: X-ray Blood return Other (Comment)

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |

Removal Reason: Removal criteria met Catheter damage Drainage
 Infiltrated IV Discontinued Occluded
 Patient Discharged Per order Per patient/family ...
 Per protocol Removed by patient Site change
 Not present on arrival Other (Comment)

Removal Catheter Length (cm): |

Catheter Tip Cultured: Yes No

PICC Single Lumen 11/08/18 Left Ankle

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1458

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing_User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

Patient Prep: Comfort measures Pre-medicated Sucrose pacifier N/A due to patien...

Local Anesthetic: Injectable Topical Lidocaine 1% None

Flushed with: Flushed with 3-5 cc NS Flushed with 10 cc NS Other (Comment)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 8

Units: Gauge Fr cm in Other (...)

Length (cm): 2 | Initial Exposed Catheter (cm): 1

Orientation: Left Right Anterior Posterior Lateral Medial Proximal
 Distal Superior Inferior Other (...)

Location: Ankle Antecubi... Arm Axilla Basilic Brachial Cephalic
 Chest Femoral Forearm Leg Other (...)

Securement Method: Sutured;
 Sutured Taped Skin barrier

Placement Verification: X-ray Blood return Other (Comment)

Initial Extremity Circumference (cm): 15 | Removal Date: |

Removal Time: | Earliest Known Removed: |

Removed by: |

Removal Reason: Removal criteria met Catheter damage Drainage
 Infiltrated IV Discontinued Occluded
 Patient Discharged Per order Per patient/family ...

Is catheter intact: Yes No

Removal Catheter Length (cm): |

Catheter Tip Cultured: Yes No

Phase Two: PIV, Arterial Line, HD, and PD

Go-live date is December 11, 2018



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PIV Properties

Peripheral IV 11/08/18 Left Antecubital

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1514

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

IV Change Due: 11/10/2018

Size (Gauge): 14 G, 16 G, 18 G, 20 G, 22 G, 24 G

Orientation: Left, Right, Anterior, Posterior, Lateral, Medial
 Proximal, Distal, Other (C...)

Location: Antecubital, External Jugular, Foot, Forearm, Hand
 Lower leg, Saphenous, Scalp, Subcutaneous, Wrist
 Other (Com...), Ankle, Upper Arm

Site Prep: Alcohol, Betadine, Chlorhexidine
 Other (Comment)

Patient Prep: Comfort measures, Pre-medicated, Sucrose pacifier, N/A due to patient...
 Other (Comment)

Local Anesthetic: Injectable, Topical, Lidocaine 1%, None

Inserted by: Testing_User

Insertion attempts: 1st attempt, 2nd attempt, 3rd attempt, 4th attempt, Other (See c...)

Flushed with: Flushed with 3-5 cc NS, Flushed with 10 cc NS, Other (Comment)

Patient Tolerance: Tolerated well, Tolerated poorly, Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed: Removed by:

Removal Reason: Removal criteria met, Catheter damage, Drainage, Infiltrated, IV Discontinued, Occluded, Patient Discharged, Per order, Per patient/family..., Per protocol, Removed by patient, Site change, Not present on arrival, Other (Comment)

Site Assessment: Clean, Dry, Intact, Bleeding, Draining, Echymotic, Edematous, Extravasated, Leaking, Painful, Pink, Positional, Red, Tender, Not asses..., Streaking, Other (Co...)

Is catheter intact: Yes No

Peripheral IV 11/08/18 Left Antecubital

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1519

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing_User

Insertion attempts: 1st attempt, 2nd attempt, 3rd attempt, 4th attempt, Other (See c...)

Hand Hygiene Completed: Yes, No (Comment)

Site Prep: Alcohol, Betadine, Chlorhexidine
 Other (Comment)

Patient Prep: Comfort measures, Pre-medicated, Sucrose pacifier, N/A due to patient...

Local Anesthetic: Injectable, Topical, Lidocaine 1%, None

Flushed with: Flushed with 3-5 cc NS, Flushed with 10 cc NS, Other (Comment)

Patient Tolerance: Tolerated well, Tolerated poorly, Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 14

Units: Gauge, Fr, cm, in, Other (...)

Orientation: Left, Right, Anterior, Posterior, Lateral, Medial, Proximal
 Distal, Superior, Inferior, Other (C...)

Location: Antecubital, External Jugular, Foot, Forearm, Hand
 Lower leg, Saphenous, Scalp, Subcutaneous, Wrist
 Ankle, Upper Arm, Other (Com...)

Securement Method: Sutured; Sutured, Taped, Skin barrier

Removal Date: Removal Time:

Earliest Known Removed: Removed by:

Removal Reason: Removal criteria met, Catheter damage, Drainage, Infiltrated, IV Discontinued, Occluded, Patient Discharged, Per order, Per patient/family..., Per protocol, Removed by patient, Site change, Not present on arrival, Other (Comment)

Is catheter intact

Yes No

PIV Assessment

| Peripheral IV 11/08/18 Left Antecubital | |
|---|--|
| IV Properties | Placement Date/Time: 11/08/18 1514 Earliest Known Present: 11/08/18 Received with IV intact?: Yes IV |
| Site Assessment | <input type="text"/> |
| Line Status | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Tubing and Endcap | |
| Dressing Change Due | |
| Reason Not Rotated | |

| Peripheral IV 11/08/18 Left Antecubital | |
|---|---|
| IV Properties | Placement Date/Time: 11/08/18 1519 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | <input type="text"/> |
| Line Status | |
| Reason Not Rotated | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| Line Care | |
| Tubing Change Due | |
| Endcap Change Due | |

Arterial Line Properties

Arterial Line 11/08/18 Left Brachial

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1529

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Size: 14

Orientation: Left Right

Location: Brachial Femoral Pedal Radial Ulnar Other (...)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

Local Anesthetic: Injectable Topical None

Inserted by: Testing, User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See ...)

Securement Method: Sutured Taped Skin barrier Steri-strips
 Transparent

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed: Removed by:

Removal Reason: Removal criteria met Catheter damage Drainage
 Infiltrated IV Discontinued Occluded
 Patient Discharged Per order Per patient/family ...
 Per protocol Removed by patient Site change
 Not present on arrival Other (Comment)

Arterial Line 11/08/18 Left Brachial

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1532

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See ...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

Patient Prep: Comfort measures Pre-medicated Sucrose pacifier N/A due to patien...
 Other (Comment)

Local Anesthetic: Injectable Topical Lidocaine 1% None

Flushed with: Flushed with 3-5 cc NS Flushed with 10 cc NS Other (Comment)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 14

Units: Gauge Fr cm in Other (...)

Orientation: Left Right Anterior Posterior Lateral Medial Proximal
 Distal Superior Inferior Other (...)

Location: Brachial Femoral Pedal Radial Ulnar Other (...)

Securement Method: Sutured; Taped Skin barrier

Removal Date: Removal Time:

Earliest Known Removed: Removed by:

Removal Reason: Removal criteria met Catheter damage Drainage
 Infiltrated IV Discontinued Occluded
 Patient Discharged Per order Per patient/family ...
 Per protocol Removed by patient Site change
 Not present on arrival Other (Comment)

Is catheter intact Yes No

Removal Catheter Length (cm)

Catheter Tip Cultured Yes No

Arterial Line Assessment

| Arterial Line 11/08/18 Left Brachial | |
|--------------------------------------|--|
| Art Line Properties | Placement Date/Time: 11/08/18 1529 Earliest Known Present: 11/08/18 Received with IV intact?: Yes Size: 14 |
| Site Assessment | <input type="checkbox"/> <input type="checkbox"/> |
| Line Status | |
| Art Line Waveform | |
| Art Line Interventions | |
| Color/Movement/Sensati | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| IV Tubing Changed | |

| Arterial Line 11/08/18 Left Brachial | |
|--------------------------------------|---|
| Art Line Properties | Placement Date/Time: 11/08/18 1532 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | <input type="checkbox"/> <input type="checkbox"/> |
| Line Status | |
| Art Line Waveform | |
| Color/Movement/Sensati | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| Line Care | |
| Tubing Change Due | |
| Endcap Change Due | |

HD Properties

Hemodialysis Access Arteriovenous fistula Right Ankle

Show: Row Info All Choices

Placement Date: 11/6/2018 | Placement Time: 1535

Earliest Known Present: 11/8/2018

Inserted by: Testing, User

Access Type:
 Arteriovenous fistula
 Arteriovenous shunt
 Arteriovenous vein graft
 Femoral vein catheter
 Subclavian vein catheter
 Internal jugular vein ...

Orientation:
 Right
 Left
 Superior
 Inferior

Access Location:
 Ankle
 Arm
 Femoral vein
 Forearm
 Subclavian
 Internal jugular
 Thigh
 Wrist
 Other (Comm...)

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |

Removal Reason:
 Drain/catheter damaged
 Drainage
 Occluded
 Per order
 Per patient/family request
 Per protocol
 Removed by patient
 Not present on admission
 Other (Comment)

Hemodialysis Access Left Ankle Arteriovenous fistula

Show: Row Info All Choices

Placement Date: 11/6/2018 | Placement Time: 1539

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts:
 1st attempt
 2nd attempt
 3rd attempt
 4th attempt
 Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep:
 Alcohol
 Betadine
 Chlorhexidine
 Other (Comment)

Patient Prep:
 Comfort measures
 Pre-medicated
 Sucrose pacifier
 N/A due to patien...

Local Anesthetic:
 Injectable
 Topical
 Lidocaine 1%
 None

Flushed with:
 Flushed with 3-5 cc NS
 Flushed with 10 cc NS
 Other (Comment)

Patient Tolerance:
 Tolerated well
 Tolerated poorly
 Other (Comment)

IV Change Due: 11/10/2018

Description (optional): |

Orientation:
 Left
 Right
 Anterior
 Posterior
 Lateral
 Medial
 Proximal
 Distal
 Superior
 Inferior
 Other (C...)

Access Location:
 Ankle
 Arm
 Femoral vein
 Forearm
 Subclavian
 Internal iuular
 Thigh
 Wrist
 Other (Comm...)

Securement Method:
 Sutured
 Taped
 Skin barrier

Placement Verification:
 X-ray
 Blood return
 Other (Comment)

Access Type:
 Arteriovenous fistula
 Arteriovenous shunt
 Arteriovenous vein graft
 Femoral vein catheter
 Subclavian vein catheter
 Internal jugular vein ...

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |

Removal Reason:
 Drain/catheter damaged
 Drainage
 Occluded
 Per order
 Per patient/family request
 Per protocol
 Removed by patient
 Not present on admission
 Other (Comment)

Is catheter intact: Yes No

Removal Catheter Length (cm): |

Catheter Tip Cultured: Yes No

HD Assessment

| Hemodialysis Access Arteriovenous fistula Right Ankle | |
|---|--|
| Hemodialysis Properties | Placement Date/Time: 11/08/18 1535 Earliest Known Present: 11/08/18 Inserted by: Testing, User Access |
| Site Assessment | <input type="text"/> |
| AV Fistula | |
| Status | |
| Needle Gauge | |
| Access Assessment | |
| Dressing Intervention | |
| Dressing Status | |
| Verification by X-ray | |
| Site Condition | |
| Dressing | |
| Drainage Description | |

| Hemodialysis Access Left Ankle Arteriovenous fistula | |
|--|---|
| Hemodialysis Properties | Placement Date/Time: 11/08/18 1539 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | <input type="text"/> |
| Status | |
| Drainage Description | |
| Site Condition | |
| AV Fistula | |
| Needle Gauge | |
| Access Assessment | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |

PD Properties

Peritoneal Dialysis Catheter Continuous ambulatory Column-disk Right lower abdomen

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1535

Earliest Known Present: 11/8/2018

Inserted by: Testing_User

Dialysis Type:

- Continuous ambulatory
- Continuous ambulatory on hold
- Continuous cycling
- Continuous cycling on hold
- Intermittent
- Intermittent on hold

Catheter Type: Column-disk | Swan-neck/flanged collar | Tenckhoff

Catheter Location: Right lower abdomen | Left lower abdomen | Mid lower abdomen

Tube Size (Fr.): 8 Removal Date: []

Removal Time: [] Earliest Known Removed: []

Removed by: []

Removal Reason:

- Drain/catheter damaged
- Drainage
- Occluded
- Per order
- Per patient/family request
- Per protocol
- Removed by patient
- Not present on admission
- Other (Comment)

Peritoneal Dialysis Catheter Right lower abdomen Continuous ambulatory (CAPD) Column-disk

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1539

Earliest Known Present: 11/8/2018

Received with IV intact?: Yes

Inserted by: Testing_User

Insertion attempts: 1st attempt | 2nd attempt | 3rd attempt | 4th attempt | Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep:

- Alcohol
- Betadine
- Chlorhexidine
- Other (Comment)

Patient Prep:

- Comfort measures
- Pre-medicated
- Sucrose pacifier
- N/A due to patien...

Local Anesthetic: Injectable | Topical | Lidocaine 1% | None

Flushed with:

- Flushed with 3-5 cc NS
- Flushed with 10 cc NS
- Other (Comment)

Patient Tolerance: Tolerated well | Tolerated poorly | Other (Comment)

IV Change Due: 11/10/2018

Description (optional): []

Size: 14

Units: Gauge | Fr | cm | in | Other (...)

Orientation:

- Left
- Right
- Anterior
- Posterior
- Lateral
- Medial
- Proximal
- Distal
- Superior
- Inferior
- Other (...)

Securement Method:

- Sutured:
- Sutured
- Taped
- skin barrier

Dialysis Type:

- CAPD=Continuous ambulatory (CAPD)
- CAPD on hold=Continuous ambulatory (CAPD) on hold
- CCPD=Continuous cycling (CCPD)
- CCPD on hold=Continuous cycling (CCPD) on hold
- Intermittent
- Intermittent on hold

Catheter Type: Column-disk | Swan-neck/flanged collar | Tenckhoff

Removal Date: [] Removal Time: []

Earliest Known Removed: []

Removed by: []

Removal Reason:

- Drain/catheter damaged
- Drainage
- Occluded
- Per order
- Per patient/family request
- Per protocol
- Removed by patient
- Not present on admission
- Other (Comment)

Is catheter intact: Yes No

Removal Catheter Length (cm): []

Catheter Tip Cultured: Yes No

PD Assessment

| Peritoneal Dialysis Catheter Continuous ambulatory Column-disk Right lower abdomen | |
|--|---|
| Peritoneal Dialysis Properties | Placement Date/Time: 11/08/18 1535 Earliest Known Present: 11/08/18 Inserted by: Testing. |
| Site Assessment | |
| Dressing Intervention | |
| Dressing Status | |
| Dressing | |
| Drainage Description | |

| Peritoneal Dialysis Catheter Right lower abdomen Continuous ambulatory (CAPD) Column-disk | |
|---|---|
| Peritoneal Dialysis | Placement Date/Time: 11/08/18 1539 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | |
| Drainage Description | |
| Site Condition | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |

Phase Three: SQ, IO, Pacer Wires, IABP, VAD, Introducer, Nerve Block, and ECMO

Go-live date is December 18, 2018



THE UNIVERSITY OF MISSISSIPPI
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SQ Properties

Subcutaneous 11/08/18 Abdomen (Comment)

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1640

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

SQ Change Due: 11/10/2018

Size (Gauge): 24 G 25 G 26 G 27 G Other (...)

Location: Abdomen (Com... Right shoulder Left shoulder Right upper arm Left upper arm Right thigh Left thigh Other (Comment))

Site Prep: Alcohol Betadine Chlorhexidine Other (Comment)

Local Anesthetic: Injectable Topical Lidocaine 1% None

Inserted by: Testing_User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason:

- Removal criteria met
- Catheter damage
- Drainage
- Infiltrated
- IV Discontinued
- Occluded
- Patient Discharged
- Per order
- Per patient/family ...
- Per protocol
- Removed by patient
- Site change
- Not present on arrival
- Other (Comment)

Subcutaneous 11/08/18 Abdomen (Comment)

Show: Row Info All Choices

Placement Date: 11/8/2018 Placement Time: 1650

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing_User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine Other (Comment)

Patient Prep: Comfort measures Pre-medicated Sucrose pacifier N/A due to patien...

Local Anesthetic: Injectable Topical Lidocaine 1% None

Flushed with: Flushed with 3-5 cc NS Flushed with 10 cc NS Other (Comment)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 14

Units: Gauge Fr cm in Other (...)

Orientation: Left Right Anterior Posterior Lateral Medial Proximal Distal Superior Inferior Other (...)

Location: Abdomen (Com... Right shoulder Left shoulder Right upper arm Left upper arm Right thigh Left thigh Other (Comment))

Securement Method: Sutured Taped Skin barrier

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason:

- Removal criteria met
- Catheter damage
- Drainage
- Infiltrated
- IV Discontinued
- Occluded
- Patient Discharged
- Per order
- Per patient/family ...
- Per protocol
- Removed by patient
- Site change
- Not present on arrival
- Other (Comment)

Is catheter intact: Yes No

SQ Assessment

| Subcutaneous 11/08/18 Abdomen (Comment) | |
|---|--|
| SQ Properties | Placement Date/Time: 11/08/18 1640 Earliest Known Present: 11/08/18 Received with IV intact?: Yes SQ |
| Site Assessment | <input type="text"/> |
| Line Status | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| Reason Not Rotated | |

| Subcutaneous 11/08/18 Abdomen (Comment) | |
|---|---|
| SQ Properties | Placement Date/Time: 11/08/18 1650 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | <input type="text"/> |
| Line Status | |
| Reason Not Rotated | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |

IO Properties

Intraosseous Line 11/08/18 Tibia Show Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1651

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt | 2nd attempt | 3rd attempt | 4th attempt | Other (See c...)

Hand Hygiene Completed: Yes | No (Comment)

Site Prep: Alcohol | Betadine | Chlorhexidine
 Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Orientation: Left | Right | Anterior | Posterior | Lateral | Medial | Proximal | Distal | Other (C...)

Location: Tibia | Femur | Other (Comment)

Securement Method: Sutured | Taped | Skin barrier

Needle Length (mm): 15mm | 25mm | 45mm | Other (Comment)

Removal Date: | Removal Time: | Earliest Known Removed: | Removed by: |

Removal Reason: Removal criteria met | Catheter damage | Drainage
 Infiltrated | IV Discontinued | Occluded
 Patient Discharged | Per order | Per patient/family ...
 Per protocol | Removed by patient | Site change
 Not present on arrival | Other (Comment)

Is catheter intact: Yes | No

IO Assessment

| Intraosseous Line 11/08/18 Tibia | |
|----------------------------------|---|
| Line Properties | Placement Date/Time: 11/08/18 1642 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Line Status | <input type="text"/> |
| Line Care | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |

| Intraosseous Line 11/08/18 Tibia | |
|----------------------------------|---|
| Line Properties | Placement Date/Time: 11/08/18 1651 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | <input type="text"/> |
| Line Status | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| Line Care | |
| Tubing Change Due | |
| Endcap Change Due | |

Pacer Wire Properties

Pacer Wires Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1643

Earliest Known Present: 11/8/2018

Inserted by: Testing, User

Type of Pacing Wires: **Atrial** | Ventricular | Atrial and Ventricular

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removal Reason: Pacer wire damage | Per order | Per protocol
 Removed by patient | Other (Comment)

Initial Post Removal Site Assessment:

| | | | |
|---|---|--|--|
| <input type="checkbox"/> No complications | <input type="checkbox"/> Bleeding at site | <input type="checkbox"/> Bruising at site | <input type="checkbox"/> Drainage |
| <input type="checkbox"/> Dressing applied | <input type="checkbox"/> Pacer wires intact | <input type="checkbox"/> Pacer wires not i.. | <input type="checkbox"/> Painful |
| <input type="checkbox"/> Redness at site | <input type="checkbox"/> Swelling | <input type="checkbox"/> Warm to touch | <input type="checkbox"/> Other (Comment) |

Pacer Wires Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1653

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: **1st attempt** | 2nd attempt | 3rd attempt | 4th attempt | Other (See c..)

Hand Hygiene Completed: Yes | No (Comment)

Site Prep: Alcohol | Betadine | Chlorhexidine
 Other (Comment)

IV Change Due: 11/10/2018

Description (optional): |

Orientation: Left | Right | Anterior | Posterior | Lateral | Medial | Proximal
 Distal | Superior | Inferior | Other (c..)

Securement Method: Sutured; Sutured | Taped | Skin barrier

Type of Pacing Wires: **Atrial** | Ventricular | Atrial and Ventricular

Initial Post Removal Site Assessment:

| | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> No complications | <input type="checkbox"/> Bleeding at site | <input type="checkbox"/> Bruising at site | <input type="checkbox"/> Drainage |
| <input type="checkbox"/> Dressing applied | <input type="checkbox"/> Pacer wires intact | <input type="checkbox"/> Pacer wires not i.. | <input type="checkbox"/> Painful |
| <input type="checkbox"/> Redness at site | <input type="checkbox"/> Swelling | <input type="checkbox"/> Warm to touch | <input type="checkbox"/> Other (Comment) |

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |

Removal Reason: Pacer wire damage | Per order | Per protocol
 Removed by patient | Other (Comment)

Is catheter intact: Yes | No

Pacer Wire Assessment

| Pacer Wires | |
|-----------------------------|---|
| Pacer Wire Properties | Placement Date/Time: 11/08/18 1643 Earliest Known Present: 11/08/18 Inserted by: Testing, |
| Pacer Wire Status | <input type="text"/> |
| Site Assessment | <input type="text"/> |
| How Pacer Wires are Secured | <input type="text"/> |
| Dressing Status | <input type="text"/> |
| Dressing Intervention | <input type="text"/> |
| Dressing Change Due | <input type="text"/> |
| Post Removal Complications | <input type="text"/> |
| Interventions | <input type="text"/> |

| Pacer Wires | |
|-----------------------|---|
| Pacer Wire Properties | Placement Date/Time: 11/08/18 1653 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | <input type="text"/> |
| Pacer Wire Status | <input type="text"/> |
| How Pacer Wires are | <input type="text"/> |
| Dressing Type | <input type="text"/> |
| Dressing Status | <input type="text"/> |
| Dressing Intervention | <input type="text"/> |
| Dressing Change Due | <input type="text"/> |
| Post Removal | <input type="text"/> |

IABP Properties

IABP 7.5 Fr. 30 mL

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1644

Earliest Known Present: 11/8/2018

Insertion Site: Right femoral Left femoral

Sutured: Yes No Other (Comment)

Catheter Size: 7.5 Fr. 8.0 Fr. 9.0 Fr. Other (Comment)

Catheter Volume: 30 mL 40 mL 50 mL Other (Comment)

Verification by X-ray: Yes No Other (Comment)

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removal Reason: Catheter/balloon damage Occluded Per order
 Per patient/family request Per protocol Other (Comment)

Initial Post Removal Site Assessment:

| | | |
|--|--|---|
| <input type="checkbox"/> No complications | <input type="checkbox"/> Bleeding at site | <input type="checkbox"/> Bruising at site |
| <input type="checkbox"/> Catheter intact | <input type="checkbox"/> Catheter not intact | <input type="checkbox"/> Drainage |
| <input type="checkbox"/> Dressing applied | <input type="checkbox"/> Leaking | <input type="checkbox"/> Painful |
| <input type="checkbox"/> Pressure applied... | <input type="checkbox"/> Pressure dressin... | <input type="checkbox"/> Redness at site |
| <input type="checkbox"/> Swelling | <input type="checkbox"/> Warm to touch | <input type="text"/> Other (Comment) |

IABP 14 Guage

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1658

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Size: 14

Units: Guage Fr cm in Other (...)

Orientation: Left Right Anterior Posterior Lateral Medial Proximal
 Distal Superior Inferior Other (...)

Insertion Site: Right femoral Left femoral

Securement Method: Sutured; Sutured Taped Skin barrier

Placement Verification: X-ray Blood return Other (Comment)

Initial Post Removal Site Assessment:

| | | |
|--|--|---|
| <input type="checkbox"/> No complications | <input type="checkbox"/> Bleeding at site | <input type="checkbox"/> Bruising at site |
| <input type="checkbox"/> Catheter intact | <input type="checkbox"/> Catheter not intact | <input type="checkbox"/> Drainage |
| <input type="checkbox"/> Dressing applied | <input type="checkbox"/> Leaking | <input type="checkbox"/> Painful |
| <input type="checkbox"/> Pressure applied... | <input type="checkbox"/> Pressure dressin... | <input type="checkbox"/> Redness at site |
| <input type="checkbox"/> Swelling | <input type="checkbox"/> Warm to touch | <input type="text"/> Other (Comment) |

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |

Removal Reason: Catheter/balloon damage Occluded Per order
 Per patient/family request Per protocol Other (Comment)

Is catheter intact? Yes No

IABP Assessment

| IABP 7.5 Fr. 30 mL | | |
|----------------------------|------------------------------------|--|
| IABP Properties | Placement Date/Time: 11/08/18 1644 | Earliest Known Present: 11/08/18 Insertion Site: Right |
| Site Assessment | | |
| Line Status | | |
| Treatment | | |
| Dressing | | |
| Dressing Status | | |
| Dressing Intervention | | |
| Dressing Change Due | | |
| Art Line Interventions | | |
| Color/Movement/Sensation | | |
| Post Removal Complications | | |
| Interventions | | |

| IABP 14 Guage | | |
|--------------------------|------------------------------------|--|
| IABP Properties | Placement Date/Time: 11/08/18 1658 | Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | | |
| Line Status | | |
| Treatment | | |
| Color/Movement/Sensation | | |
| Dressing Type | | |
| Dressing Status | | |
| Dressing Intervention | | |
| Dressing Change Due | | |
| Line Care | | |
| Tubing Change Due | | |
| Endcap Change Due | | |
| Post Removal | | |
| Interventions | | |

VAD Properties

VAD Abiomed Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1712

Earliest Known Present: 11/8/2018

Inserted by: Testing, User

VAD Type: RVAD=Right ventricular assist device LVAD=Left ventricular assist device
 BIVAD=Biventricular assist device

VAD Brand: Abiomed HeartMate Thoratec Other (Comment)

Removal Date: | Removal Time: |

Earliest Known Removed: |

VAD Removal Reason: Heart transplant Ventricular assist device damage
 Per patient/family request Other (Comment)

Initial Post Removal Site Assessment:

| | | | |
|---|---|---|--|
| <input type="checkbox"/> No complications | <input type="checkbox"/> Bleeding at site | <input type="checkbox"/> Bruising at site | <input type="checkbox"/> Drainage |
| <input type="checkbox"/> Dressing applied | <input type="checkbox"/> Painful | <input type="checkbox"/> Pressure applied ... | <input type="checkbox"/> Pressure dressin... |
| <input type="checkbox"/> Redness at site | <input type="checkbox"/> Swelling | <input type="checkbox"/> Warm to touch | <input type="checkbox"/> Other (Comment) |

VAD Abiomed Show: Row Info All Choices

Placement Date: 11/6/2018 | Placement Time: 1701

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Orientation: Left Right Anterior Posterior Lateral Medial Proximal
 Distal Superior Inferior Other (C...

Securement Method: Sutured;
 Sutured Taped Skin barrier

VAD Type: RVAD=Right ventricular assist device LVAD=Left ventricular assist device
 BIVAD=Biventricular assist device

VAD Brand: Abiomed HeartMate Thoratec Other (Comment)

Initial Post Removal Site Assessment:

| | | | |
|---|---|---|--|
| <input type="checkbox"/> No complications | <input type="checkbox"/> Bleeding at site | <input type="checkbox"/> Bruising at site | <input type="checkbox"/> Drainage |
| <input type="checkbox"/> Dressing applied | <input type="checkbox"/> Painful | <input type="checkbox"/> Pressure applied ... | <input type="checkbox"/> Pressure dressin... |
| <input type="checkbox"/> Redness at site | <input type="checkbox"/> Swelling | <input type="checkbox"/> Warm to touch | <input type="checkbox"/> Other (Comment) |

Removal Date: | Removal Time: |

Earliest Known Removed: |

Removed by: |

VAD Removal Reason: Heart transplant Ventricular assist device damage
 Per patient/family request Other (Comment)

Is catheter intact: Yes No

VAD Assessment

| VAD Abiomed | |
|-----------------------|---|
| VAD Properties | Placement Date/Time: 11/08/18 1712 Earliest Known Present: 11/08/18 Inserted by: Testing, User VAD Type: |
| Site Location | |
| Site Assessment | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| Power Source | |
| Mode | |
| Post Removal | |

| VAD Abiomed | |
|-----------------------|---|
| VAD Properties | Placement Date/Time: 11/08/18 1701 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | |
| Site Location | |
| Power Source | |
| Mode | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |
| Post Removal | |

Introducer Properties

Introducer/Pulmonary Catheter 11/08/18 Femoral Left

Show: Row Info All Choices

Placement Date: 11/8/2018 | Placement Time: 1646

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Location: Femoral | Internal jugular | Subclavian | Other (Comment)

Orientation: Left | Right

Description (optional):

Inserted by: Testing, User

Placement Verified: Xray

Removed by:

Removal Date: | Removal Time:

Earliest Known Removed:

Introducer/Pulmonary Catheter 11/08/18 Left Femoral

Show: Row Info All Choices

Placement Date: 11/6/2018 | Placement Time: 1703

Earliest Known Present: 11/8/2018

Received with IV intact? Yes

Inserted by: Testing, User

Insertion attempts: 1st attempt | 2nd attempt | 3rd attempt | 4th attempt | Other (See C...

Hand Hygiene Completed: Yes | No (Comment)

Site Prep: Alcohol | Betadine | Chlorhexidine | Other (Comment)

IV Change Due: 11/10/2018

Description (optional):

Orientation: Left | Right | Anterior | Posterior | Lateral | Medial | Proximal | Distal | Superior | Inferior | Other (...)

Location: Femoral | Internal jugular | Subclavian | Other (Comment)

Securement Method: Sutured; Sutured | Taped | Skin barrier

Placement Verification: X-ray | Blood return | Other (Comment)

Removal Date: | Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason: Removal criteria met | Catheter damage | Drainage | Infiltrated | IV Discontinued | Occluded | Patient Discharged | Per order | Per patient/family ... | Per protocol | Removed by patient | Site change | Not present on arrival | Other (Comment)

Is catheter intact: Yes | No

Removal Catheter Length (cm):

Catheter Tip Cultured: Yes | No

Introducer Assessment

| Introducer/Pulmonary Catheter 11/08/18 Femoral Left | |
|---|--|
| Properties | Placement Date/Time: 11/08/18 1646 Earliest Known Present: 11/08/18 Received with IV |
| Specific Qualities | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |

| Introducer/Pulmonary Catheter 11/08/18 Left Femoral | |
|---|---|
| Properties | Placement Date/Time: 11/08/18 1703 Earliest Known Present: 11/08/18 Received with IV intact?: Yes |
| Site Assessment | |
| Line Status | |
| Specific Qualities | |
| Dressing Type | |
| Dressing Status | |
| Dressing Intervention | |
| Dressing Change Due | |

ECMO Properties

Show: Row info All Choices

Date/Time Documented Indicates: Present upon assessment

Placement Date: Placement Time:

Earliest Known Present:

Line Site Letter: (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O)

ECMO Mode: Venous-Arterial Venous-Venous

Cannula Type: Double Lumen Cephalad Drain Return

Cannula Site Location: Left Right Femoral Neck Saphenous Transthor...

Manufacturer: Avalon Edwards Lifesciences Medtronic
 Origen Other (enter comment)

Placement Technique: Percutaneous Open technique Semi-open technique
 Transthoracic Other (enter comment)

Line Size French: CM Marking at Site:

Patient Prep: Not applicable due to patient condition Family Teaching

Patient Tolerance: Additional sedation required Other (enter comment)

Patient Prep:

Patient Prep: Cardiac Cath Lab Emergency Department Interventional Radiology
 Operating Room Patient Bedside Other (enter comment)

Removal Date: Removal Time:

Earliest Known Removed:

Show: Row info All Choices

Placement Date: Placement Time:

Earliest Known Present:

Received with IV intact?: Yes

Inserted by:

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine
 Other (Comment)

IV Change Due:

Description (optional):

Size:

Units: Gauge Fr cm in Other (...)

Orientation: Left Right Anterior Posterior Lateral Medial
 Proximal Distal Superior Inferior Other (...)

Securement Method: Taped: Taped Skin barrier
 Sutured

Line Site Letter: (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O)

ECMO Mode: Venous-Arterial Venous-Venous

Cannula Type: Double Lumen Cephalad Drain Return

Cannula Site Location: Left Right Femoral Neck Saphenous Transthor...

Manufacturer: Avalon Edwards Lifesciences Medtronic
 Origen Other (enter comment)

Placement Technique: Percutaneous Open technique Semi-open technique
 Transthoracic Other (enter comment)

CM Marking at Site:

Patient Prep: Not applicable due to patient condition Family Teaching

Patient Tolerance: Additional sedation required Other (enter comment)

Patient Prep: Cardiac Cath Lab Emergency Department Interventional Radiology
 Operating Room Patient Bedside Other (enter comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason: Removal criteria met Catheter damage Drainage
 Infiltrated IV discontinued Occluded
 Patient Discharged Per order Per patient/family ...
 Per protocol Removed by patient Site change
 Not present on arrival Other (Comment)

Is catheter intact: Yes No

Removal Catheter Length (cm):

Catheter Tip Cultured: Yes No

ECMO Assessment

| ECMO CANNULA (A) Venous-Arterial Cephalad | | | | |
|---|------------------------------------|-----------|------------|-------------------------------|
| Line Properties | Placement Date/Time: 12/03/18 0832 | Date/Time | Documented | Indicates: Insertion Earliest |
| Cannula/Site/Dressing WDL | | | | |
| Cannula Securement | | | | |
| Securement Method | | | | |
| Cannula Exception | | | | |
| Cannula Intervention | | | | |
| Site Exception | | | | |
| Site Intervention | | | | |

| ECMO CANNULA (A) Venous-Arterial | | | | |
|----------------------------------|------------------------------------|----------------------------------|------------------|--|
| Line Properties | Placement Date/Time: 12/03/18 0837 | Earliest Known Present: 12/03/18 | Received with IV | |
| Site Assessment | | | | |
| Cannula/Site/Dressing WDL | | | | |
| Cannula Securement | | | | |
| Securement Method | | | | |
| Cannula Exception | | | | |
| Cannula Intervention | | | | |
| Site Exception | | | | |
| Site Intervention | | | | |

Nerve Block Properties

Peripheral Nerve Catheter 12/03/18

Show: Row Info All Choices

Placement Date: 12/3/2018 Placement Time: 0858

Earliest Known Present: 12/3/2018

Received with IV intact? Yes

Inserted by: testin_user

Placement Location: Caudal Intrathecal Lumbar

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Nerve Block/Epidural Catheter 12/03/18

Show: Row Info All Choices

Placement Date: 12/3/2018 Placement Time: 0850

Earliest Known Present: 12/3/2018

Received with IV intact? Yes

Inserted by: testing_user

Insertion attempts: 1st attempt 2nd attempt 3rd attempt 4th attempt Other (See c...)

Hand Hygiene Completed: Yes No (Comment)

Site Prep: Alcohol Betadine Chlorhexidine Other (Comment)

Patient Prep: Comfort measures Pre-medicated Sucrose pacifier N/A due to patien... Other (Comment)

Local Anesthetic: Injectable Topical Lidocaine 1% None

Flushed with: Flushed with 3-5 cc NS Flushed with 10 cc NS Other (Comment)

Patient Tolerance: Tolerated well Tolerated poorly Other (Comment)

IV Change Due: 12/5/2018

Description (optional):

Size: 14

Units: Gauge Fr cm in Other (...)

Orientation: Left Right Anterior Posterior Lateral Medial Proximal Distal Superior Inferior Other (...)

Placement Location: Caudal Femoral Infraumb... Intrathecal Lumbar Psoas

Securement Method: Sutured Taped Skin barrier

Removal Date: Removal Time:

Earliest Known Removed:

Removed by:

Removal Reason: Removal criteria met Catheter damage Drainage Infiltrated IV Discontinued Occluded Patient Discharged Per order Per patient/family... Per protocol Removed by patient Site change Not present on arrival Other (Comment)

Is catheter intact: Yes No

Removal Catheter Length (cm):

Catheter Tip Cultured: Yes No

Nerve Block Assessment

| Peripheral Nerve Catheter 12/03/18 | | Nerve Block/Epidural Catheter 12/03/18 | |
|------------------------------------|---|--|---|
| Properties | Placement Date/Time: 12/03/18 0847 Earliest Known Present: 12/03/18 Received with IV intact?: Yes | Properties | Placement Date/Time: 12/03/18 0850 Earliest Known Present: 12/03/18 Received with IV intact?: Yes |
| Site Assessment | | Site Assessment | |
| Line Status | | Line Status | |
| Dressing Type | | Dressing Type | |
| Dressing Status | | Dressing Status | |
| Dressing Intervention | | Dressing Intervention | |
| Dressing Change Due | | Dressing Change Due | |

*Only items that have changed are that the Line Status and Site Assessment rows now have additional options and are standard across other lines.

Questions?