

**Children's Hospital Critical Care Transport Team**

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|------------------|---|-----------------------|
| <b>Name:</b>     |   | <b>Employee ID #:</b> |
| <b>Unit:</b>     |   | <b>Title:</b>         |
| <b>Due Date:</b> | <b>New hire:</b> prior to end of unit orientation period: / / . |                       |
|                  | <b>Current Staff:</b>   |                       |

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| <b>Skill/Learning</b><br><b>Not all skills are applicable to all Nursing areas – if not applicable mark as N/A</b> | <b>Completed Online Module</b> | <b>Date Completed (or N/A)</b> | <b>Verifier Initials</b> |
|--|--------------------------------|--------------------------------|--------------------------|
| Children's Hospital Aeronox Skills Checklist #DAHS-NSCCHARNX   |                                |                                |                          |
| Children's Hospital Alaris Medfusion Skills Checklist #DAHS-NSCCHAM  |                                |                                |                          |
| Children's Hospital Anapod Neopod High Flow Nasal Cannula Skills Checklist #DAHS-NSCCHANHFNC                       |                                |                                |                          |
| Children's Hospital Braun Syringe Pump Skills Checklist #DAHS-NSCCHBS  |                                |                                |                          |
| Children's Hospital Crossvent 2i Skills Checklist #DAHS-NSCCHC2i   |                                |                                |                          |
| Children's Hospital Endotracheal Intubation Skills Checklist #DAHS-NSCCHEI17                                       |                                |                                |                          |
| Children's Hospital External Jugular PIV Skills Checklist #DAHS-NSCCHEJPIV   |                                |                                |                          |
| Children's Hospital Intraosseous Cannulation Skills Checklist #DAHS-NSCCHIC17                                      |                                |                                |                          |
| Children's Hospital Laryngeal Mask Insertion Skills Checklist #DAHS-NSCCHLMI17                                     |                                |                                |                          |
| Children's Hospital Needle Thoracentesis Skills Checklist #DAHS-NSCCHNT17  |                                |                                |                          |
| Children's Hospital Propaq MDX Skills Checklist #DAHS-NSCCHPMDX17  |                                |                                |                          |
| Children's Hospital Propofol Administration Skills Checklist #DAHS-NSCCHPA17                                       |                                |                                |                          |
| Children's Hospital Revel Ventilator Skills Checklist #DAHS-NSCCHRV  |                                |                                |                          |
| Children's Hospital Sentec TCOM Skills Checklist #DAHS-NSCCHST17   |                                |                                |                          |
| Children's Hospital Surfactant Administration Skills Checklist #DAHS-NSCCHSA17                                     |                                |                                |                          |
| Children's Hospital TXP Skills Checklist #DAHS-NSCCHTXP  |                                |                                |                          |
| Children's Hospital UAC/UVC Insertion Checklist #DAHS-NSCCHUAC/UVC17   |                                |                                |                          |



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**Children's Hospital Aeronox Skills Checklist # DAHS-NSCCHARNX**

|   |  |  |
|---|--|--|
| Nurse verbalizes indications/contraindications for use.                               |  |  |
| Nurse demonstrates calibration.   |  |  |
| Nurse demonstrates proper set up of Aeronox including proper connection to phasitron. |  |  |
| Nurse demonstrates set up and adjustment of INO flow.                                 |  |  |
| Nurse demonstrates set up and use of back up bagging device.                          |  |  |

**Children's Hospital Alaris Medfusion Skills Checklist #DAHS-NSCCHAM**

|   |  |  |
|---|--|--|
| Nurse demonstrates powering on of pump.   |  |  |
| Nurse demonstrates use of pharmaceutical drug library.                                  |  |  |
| Nurse demonstrates priming and loading of tubing.                                       |  |  |
| Nurse demonstrates programming of medication and/or MIVF with accurate volume and rate. |  |  |
| Nurse demonstrates use of drug calculation mode.  |  |  |
| Nurse demonstrates reporting of total volume infused and clearing of volume.            |  |  |
| Nurse demonstrates powering off pump.   |  |  |

**Children's Hospital Anapod Neopod High Flow Nasal Cannula Skills Checklist # DAHS-NSCCHANHFNC**

|  |  |  |
|--|--|--|
| Nurse verbalizes indications/contraindications of use.                             |  |  |
| Nurse demonstrates set up and priming of tubing/circuit.                           |  |  |
| Nurse demonstrates dialing of appropriate temperature to circuit.                  |  |  |
| Nurse demonstrates attachment of power cord.                                       |  |  |
| Nurse demonstrates placement of right size cannula for patient.                    |  |  |
| Nurse demonstrates dialing of right flow and right percentage of Fio2 for patient. |  |  |

**Children's Hospital Braun Syringe Pump Skills Checklist #DAHS-NSCCHBS**

|   |  |  |
|---|--|--|
| Nurse demonstrates powering on of pump.   |  |  |
| Nurse demonstrates use of pharmaceutical drug library.                                  |  |  |
| Nurse demonstrates priming and loading of tubing.                                       |  |  |
| Nurse demonstrates programming of medication and/or MIVF with accurate volume and rate. |  |  |
| Nurse demonstrates reporting of total volume infused and clearing of volume.            |  |  |
| Nurse demonstrates powering off of pump.  |  |  |

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**Children's Hospital Crossvent 2i Skills Checklist #DAHS-NSCCHC2i**

|  |  |  |
|--|--|--|
| Nurse demonstrates accurate placement of ventilation tubing and flow sensor. |  |  |
| Nurse demonstrates leak test.  |  |  |
| Nurse demonstrates setup of CPAP.  |  |  |
| Nurse demonstrates setup of CMV.   |  |  |
| Nurse demonstrates setup of SIMV.  |  |  |
| Nurse demonstrates setup of silence and parameters of alarm settings.        |  |  |

**Children's Hospital Endotracheal Intubation Skills Checklist # DAHS-NSCCHEI17**

**References:**

- [UC Davis Health Standardized Procedure X-17, Attachment 1 Standardized Procedures for Children's Hospital Critical Care Transport Nurses - Endotracheal Intubation](#)

|   |  |  |
|---|--|--|
| Verbalize indications and contraindications of endotracheal intubation.                                     |  |  |
| Verbalize and/or demonstrate correct size blade, ETT and depth for size and weight of patient or mannequin. |  |  |
| Verbalize and/or demonstrate assembly of emergency equipment.   |  |  |
| Demonstrate correct positioning of mannequin or patient.  |  |  |
| Demonstrate correct insertion of ETT on mannequin or patient.   |  |  |
| Verbalize and demonstrate verification of correct placement of ETT with primary and secondary confirmation. |  |  |
| Verbalize procedural pause.   |  |  |

**Children's Hospital External Jugular PIV Skills Checklist #DAHS-NSCCHEJPIV**

**References:**

- [UC Davis Health Standardized Procedure X-17/Attachment 7: Standardized Procedures for Children's Hospital Critical Care Transport Nurses - External Jugular Vein Peripheral Access](#)

|  |  |  |
|--|--|--|
| Nurse verbalizes indications/contraindications for EJ cannulation.   |  |  |
| Nurse demonstrates selection of appropriate size intravenous catheter.   |  |  |
| Nurse demonstrates proper positioning of child in Trendelenburg as situation permits, with the head turned from the side to be punctured (right side preferable).                        |  |  |
| Nurse Demonstrates aseptic technique, cleaning site with chlorhexidine.  |  |  |
| Nurse demonstrates placement of PIV: utilizing non-dominant hand to occlude the external jugular vein just above the clavicle, inserts catheter, verifies patency, and secures in place. |  |  |

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**Children's Hospital Intraosseous Cannulation Skills Checklist #DAHS-NSCCHIC17**

**References:**

1. UC Davis Health Standardized Procedure [X-17, Attachment 4](#): Standardized Procedures for Children's Hospital Critical Care Transport Nurses - Intraosseous Cannulation

|   |  |  |
|---|--|--|
| Verbalize indications and contraindications for placement of I/O.           |  |  |
| Verbalize and/or demonstrate correct size I/O according to size and weight. |  |  |
| Verbalize and/or demonstrate assembly of necessary equipment for procedure. |  |  |
| Demonstrate correct technique of I/O insertion on mannequin or patient.     |  |  |
| Verbalize indications of proper placement vs infiltration.                  |  |  |
| Demonstrate correct securing of I/O.  |  |  |
| Verbalize procedural pause  |  |  |

**Children's Hospital Laryngeal Mask Insertion Skills Checklist #DAHS-NSCCHLM17**

**References:**

1. UC Davis Health Standardized Procedure [X-17/Attachment 1](#): Standardized Procedures for Children's Hospital Critical Care Transport Nurses - Endotracheal Intubation

|   |  |  |
|---|--|--|
| Verbalize indications and contraindications of LMA placement.                                 |  |  |
| Verbalize correct size LMA for size and age.  |  |  |
| Verbalize and demonstrate assembly of emergency equipment and correct supplies for procedure. |  |  |
| Demonstrate placement of LMA in mannequin or patient with correct technique.                  |  |  |
| Verbalize and demonstrate primary and secondary methods of verification of LMA placement.     |  |  |
| Verbalize procedural pause.   |  |  |

**Children's Hospital Needle Thoracentesis Skills Checklist #DAHS-NSCCHNT17**

**References:**

1. [Standardized Procedure X-17/Attachment 5](#): Standardized Procedures for Children's Hospital Critical Care Transport Nurses - Needle Thoracentesis

|  |  |  |
|--|--|--|
| Verbalize indications and contraindications of needle chest decompression.   |  |  |
| Verbalize and/or demonstrate assembly of emergency equipment and supplies for procedure.                             |  |  |
| Verbalize and/or demonstrate on mannequin and/or patient landmarks and correct location to enter the pleural cavity. |  |  |
| Demonstrate proper technique of needle decompression.  |  |  |
| Verbalize and/or demonstrate correct securing of device and attachment of Heimlich valve if indicated.               |  |  |
| Verbalize procedural pause   |  |  |

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**Children's Hospital Propaq MDX Skills Checklist #DAHS-NSCCHPMDX17**

**References:**

1. [UC Davis Health Standardized Procedure X-17](#)

|  |  |  |
|--|--|--|
| Demonstrate defibrillator and pacer check if equipped.   |  |  |
| Demonstrate recording and monitoring of vital signs.     |  |  |
| Demonstrate attachment and monitoring of pressure lines. |  |  |
| Demonstrate attachment and monitoring of ETCO2.          |  |  |
| Demonstrate setup of alarm parameters and silence.       |  |  |
| Demonstrate proper selection and connection of pads.     |  |  |
| Demonstrate recording paper change.                      |  |  |

**Children's Hospital Propofol Administration Skills Checklist #DAHS-NSCCHPA17**

**References:**

1. UC Davis Health Standardized Procedure [X-17 Attachment 2](#): Standardized Procedures for Children's Hospital Critical Care Transport Nurses - Propofol Administration

|  |  |  |
|--|--|--|
| Verbalize indications and contraindications of propofol drip.                    |  |  |
| Verbalize and/or demonstrate 8 rights of medications.                            |  |  |
| Verbalize side effects of Propofol.  |  |  |
| Verbalize understanding of standardized order set for Propofol use in transport. |  |  |

**Children's Hospital Revel Ventilator Skills Checklist #DAHS-NSCCHRV**

|   |  |  |
|---|--|--|
| Nurse demonstrates accurate placement of ventilation tubing.  |  |  |
| Nurse demonstrates leak test.   |  |  |
| Nurse demonstrates setup of CPAP.   |  |  |
| Nurse demonstrates setup of ventilator in all breath modes/types (A/C, SIMV, CPAP+PS, Volume, Pressure and PRVC). |  |  |
| Nurse demonstrates how to set pressure control, pressure support, PEEP, I-time.                                   |  |  |
| Nurse demonstrates silence of alarms and setting of parameters and alarms.  |  |  |

**Children's Hospital Sentec TCOM Skills Checklist #DAHS-NSCCHST17**

**References:**

1. UC Davis Health Standardized Procedure [X-17 Attachment 1](#): Standardized Procedures for Children's Hospital Critical Care Transport Nurses – Oral Endotracheal Intubation

|                                  |  |  |
|----------------------------------|--|--|
| Demonstrate power on of TCOM.    |  |  |
| Demonstrate calibration of TCOM. |  |  |

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**Children's Hospital Sentec TCOM Skills Checklist #DAHS-NSCCHST17 (Continued)**

|  |  |  |
|--|--|--|
| Demonstrate s placement of probe.                              |  |  |
| Demonstrate setup of silence and parameters of alarm settings. |  |  |
| Verbalize indications for use of TCOM.                         |  |  |
| Demonstrate s proper storage of TCOM cable.                    |  |  |

**Children's Hospital Surfactant Administration Skills Checklist #DAHS-NSCCHSA17**

| <b>References:</b>   |  |  |
|--|--|--|
| 1. UC Davis Health Standardized Procedure <a href="#">X-17 Attachment 6</a> : Standardized Procedures for Children's Hospital Critical Care Transport Nurses - Surfactant Administration |  |  |
| Verbalize indications, contraindications and complications of surfactant administration.   |  |  |
| Verbalize correct dose of surfactant to administer to right and left lung according to weight.   |  |  |
| Verbalize and/or demonstrate assembly of correct supplies for surfactant administration.   |  |  |
| Demonstrate correct administration of surfactant to mannequin or patient.  |  |  |
| Verbalize procedural pause.  |  |  |

**Children's Hospital TXP Skills Checklist #DAHS-NSCCHTXP**

|  |  |  |
|--|--|--|
| Nurse verbalizes indications/contraindications of use.   |  |  |
| Nurse demonstrates use of MAP: starting point, how to adjust and indications for adjustment.                   |  |  |
| Nurse demonstrates use of Frequency: starting point, how to adjust and indications for adjustment.             |  |  |
| Nurse demonstrates use of Amplitude: starting point, how to adjust and indications for adjustment.             |  |  |
| Nurse verbalizes use of protocol: timing of blood gasses, use of TCOM, timing and indications for chest x-ray. |  |  |

**Children's Hospital UAC/UVC Insertion Checklist #DAHS-NSCCHUAC/UVC17**

| <b>References:</b>  |  |  |
|---|--|--|
| 1. UC Davis Health Standardized Procedure <a href="#">X-17 Attachment 3</a> : Standardized Procedures for Children's Hospital Critical Care Transport Nurses - Umbilical Vessel Catheterization |  |  |
| Verbalize indications, contraindications and complications of umbilical line placement.   |  |  |
| Verbalize correct size umbilical line and depth.  |  |  |
| Verbalize and/or demonstrate assembly of necessary equipment and sterile line placement kit.  |  |  |
| Verbalize the difference between vein and artery on umbilicus.  |  |  |
| Demonstrate sterile placement of umbilical line/s on mannequin or patient.  |  |  |
| Demonstrate correct suturing and securing of umbilical lines.   |  |  |

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**Children's Hospital UAC/UVC Insertion Checklist #DAHS-NSCCHUAC/UVC117 (Continued)**

|                                      |  |  |
|--------------------------------------|--|--|
| Verbalize correct placement of line. |  |  |
|--------------------------------------|--|--|

|                            |  |  |
|----------------------------|--|--|
| Verbalize procedural pause |  |  |
|----------------------------|--|--|