

Newborn Critical Care (NCCC) Clinical Guidelines

< 2 Fr PICC Placement (NeoPICCs) outside the NCCC

PATIENT POPULATION, LOCATION, and SCHEDULING

Inpatients that are < 6 months corrected gestational age

Location: 5CH, 6CH, & 7CH NeoPICCs must be performed in Peds Sedation Procedure Room; PICU patients in PICU

Scheduling: Monday – Friday 8am-3pm pending Pediatric Speciality Care Team (PSCT) and NCCC NP availability

PICC CRITERIA

- At least 5 days of IV access needed
- Cannot be used for lab draws
- Cannot be used for blood products
- Patient's cannot discharge with \leq 2 Fr PICC (*not for home use*)

Minimal Sedation/Anxiolysis:

- Minimal Sedation/Anxiolysis recommended for PICC Insertion unless contraindicated
- Minimal Sedation (anxiolysis) includes use of 1 agent
 - IV access; administer Midazolam 0.05mg/kg x1. May repeat does once to achieve appropriate anxiolysis (Max dose 0.1mg/kg)
 - If no IV access; administer Midazolam intranasal 0.2 mg/kg X 1
- If patient is not a candidate for NCCC NP to place PICC, it is recommended for the primary team to consult Pediatric Surgery for Central Line placement.
- For patients in the PICU, sedation to be determined and provided by PICU team

PROCEDURE:

- PICU:
 - Primary team consents family and contacts either the NCCC access line 984-974-6281 or notifies the RED team attending of need for PICC. Calls NCCC Fellow (974-6281) to request PICC and consents family for PICC placement
 - NCCC Fellow/Attending fills out PICC request form
 - NP evaluates infant
 - Not a candidate – Notify primary team and write consult note/route to NCCC attending
 - Candidate – Place PICC, document procedure in EPIC/cosign to NCCC attending
 - PICU RN or NP to assist with line placement
 - Sedation per PICU
- 5CH, 6CH, & 7CH:
 - Primary team calls NCCC access line (984-974-6281) to request PICC and orders PICC consult

- NCCC Fellow/Attending fills out PICC request form
- NCCC NP evaluates infant
 - Not a candidate - Notify primary team and write consult note/route to NCCC attending
 - Candidate
 - NP obtains parental consent
 - NP to discuss plan with PSCT charge nurse (984-974-8080) and confirm procedure can be done and timing.
 - NP places order in EPIC "Inpatient Consult to Pediatric Sedation", insert reason: "NEO PICC placement with NCCC NP & PSCT RN". Put the specific date, provider and contact number. If questions, contact the PSCT scheduler (984-974-6732)
 - NP orders Midazolam per guideline. Include "to be given by PSCT RN for PICC placement"
 - Order CXR – Include "patient in Peds Sedation procedure room; will call when ready"
 - PSCT transports patient from floor to PSCT suite
 - PSCT administers Midazolam and remains with patient to assist with non-pharmacological techniques (Patient must be on EKG and Pulse oximetry throughout procedure).
 - NCCC NP performs procedure
 - CXR is obtained in PSCT suite and PICC placement verified by NP
 - PSCT transports patient back to inpatient room
 - NP documents procedure in EPIC/cosign to NCCC attending and PSCT RN fills out PICC placard

RESOURCES AND POLICIES

- [PICC request form](#)
- [PICC Placement Algorithm](#)
- [PICC Placard](#) – to be placed at bedside
- Policy - [Central Venous Access Device \(CVAD\) Care & Maintenance](#)

TROUBLESHOOTING

- Alert patient provider to obtain PICC placement radiograph
- If radiograph demonstrates appropriate line position, follow CVAD troubleshooting policy (link above)
- Further NeoPICC concerns call:
 - Monday-Friday 8a-5pm: PSCT
 - Nights and weekends: Provider can call NCCC [charge nurse \(984-974-6493\)](#)