Opportunities for Improvement in Delivery of ECMO Care in ECU Health’s NICU/PICU

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STRENGTHS

- Morning Rounds to discuss patient’s condition
- Personable and caring nursing staff and physicians
- The mother is constantly updated on the status of the patient and all her questions are thoroughly answered

CARE EXPERIENCE REPORT

Birth
- Birth occurs at gestational age of 27 weeks
- Patient is readily admitted to NICU

3 months
- The patient continues to receive care and treatment in the NICU
- Patient’s condition remains stable

3 months + one week
- Patient suffers cardiac arrest during intubation for G-Tube
- Patient suffers a second cardiac arrest the following day

3 months + three weeks
- Extracorporeal Membrane Oxygenation (ECOM) treatment in the PICU
- Patient is treated on ECMO for six days and remains in critical condition

CARE EXPERIENCE SETTING

- ECU Health NICU and PICU
- 27-week-old female presents to the NICU following c-section delivery due to fetal distress

OPPORTUNITIES

- Increase rapidity with available blood for initiation of ECMO
- Improve quality of daily radiographic images that check cannula placement

RECOMMENDATIONS

- A single person contacts the blood bank (i.e., charge nurse) to obtain blood
- Obtain daily imaging in the morning when appropriate staff is available to help with patient positioning

TOUCHPOINTS AND STAFF

- Labor and Delivery Unit
- NICU Staff
- PICU Staff
- Pediatric Surgery Team
- ECMO Tech
- Respiratory Tech
- Radiology

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