

Objectives

- Review common procedures performed in the neonatal ICU
- Identify indications and describe preparation for common procedures in the neonatal ICU
- List complications that may occur with procedures in the neonatal ICU

Content Outline

1. Intubation
 - a. Indications
 - b. Equipment
 - c. Procedure
2. Umbilical Line Placement
 - a. Indications
 - i. Umbilical arterial catheter
 - ii. Umbilical venous catheter
 - b. Equipment
 - c. Procedure
3. Thoracentesis
 - a. Needle aspiration
 - b. Chest tube insertion
 - i. Standard thoracotomy tube
 - ii. Percutaneous chest tube or pig tail
4. Lumbar puncture
 - a. Indications
 - b. Equipment
 - c. Procedure
5. Pericardiocentesis-needle aspiration
 - a. Indications
 - b. Equipment
 - c. Procedure
6. Abdominal paracentesis
 - a. Indications
 - b. Equipment
 - c. Procedure

Reading Material Resources

Module GH2622: Procedural Review is based on the chapter listed below. A copy is included with the module.

Chapter 26, Golden Hours: Care of the Very Low Birth Weight Neonate, Bissinger, R.L., Annibale, D.J., and Fanning, B.A. The National Certification Corporation (NCC), Chicago, IL 2019.