

Neonatal Nutrition Update Practicum 2021

Schedule

Below is the proposed schedule for this practicum. All sessions will be virtual.

Objectives

1. Define the nutritionist's role in the neonatal intensive care unit and/or the community setting.
2. Identify the nutrient needs of low birth weight and premature infants.

Day 1, Monday

- 9:00 a.m.** Review Activities for Week and the Nutritionist's Role
- 10:00 a.m.** Discussion on Nutritional Assessment
- 12:00 p.m.** Lunch and Neonatal Noon Conference
- 1:15 p.m.** Discussion: Share and Compare Neonatal Nutrition Practices
- 2:45 p.m.** Discussion: Breastfeeding the Premature Infant and Milk Bank Issues
Virtual Tour of Milk Mixing Rooms

Day 2, Tuesday

- 8:30 a.m.** Attending Team Rounds in NICU- Virtual
- 12:00 p.m.** Lunch
- 1:00 p.m.** Discussion on Selected Topic
- 2:00 p.m.** Observe Intestinal Rehabilitation Rounds
- 3:00 p.m.** Discussion on Selected Topic

Day 3, Wednesday

- 8:00 a.m.** Formula Room Tour- Virtual
- 9:00 a.m.** Discussion on Selected Topic
- 10:00 a.m.** Nutrition Calculations (growth velocity, enteral and parenteral nutrition)
- 11:00 a.m.** Patient Case Studies
- 12:00 p.m.** Lunch and Newborn Medicine Lecture
- 1:30 p.m.** Discussion on Selected Topic
- 3:00 p.m.** Neonatal Slide Show – Clinical Diagnosis

Day 4, Thursday

- 8:30 a.m.** Clinical Nutrition Research Center (CNRC) Seminar Series
- 9:45 a.m.** Discussion on Selected Topic
- 10:45 a.m.** Discussion on Selected Topic
- 12:00 p.m.** Lunch and Neonatal Research Conference
- 1:00 p.m.** Discussion: Assessment, Prevention, and Treatment of Pediatric Obesity
- 2:00 p.m.** Baylor Neonatal Nutrition Team Meeting
- 3:00 p.m.** Discussion on Selected Topic

Day 5, Friday

- 8:30 a.m. Pediatric Grand Rounds
- 9:30 a.m. Discussion on Selected Topic
- 10:30 a.m. Discussion on Selected Topic
- 11:30 a.m. Open Discussion and Written Evaluation of Course
- 12:00 p.m. Lunch and Neonatology Noon Conference
- 1:00 p.m. End of Program

Discussion Sessions:

Discussion subjects vary with the individual practicum based on the participants' work experiences and educational needs. Each discussion topic will be a minimum of one hour in length.

Topics might include:

Day 2

- Parenteral Nutrition

Day 3

- Human Milk Fortification & Use of Infant Formulas
- Feeding Issues

Day 4

- Hyperbilirubinemia
- Fluid and Metabolism
- Iron

Day 5

- Post-Discharge Nutrition
- Calcium and Phosphorus Issues

Additional topics to be covered during either formal discussion or nursery rounds include energy requirements, vitamin and mineral needs, neonatal medical problems and associated nutritional concerns such as necrotizing enterocolitis, and respiratory distress syndrome.

Attending rounds includes team rounds virtually in the NICU and informal discussion led by the attending neonatologist on medical and nutritional assessment of infants in the NICU. The pediatric residents, neonatology fellows, nurse practitioners, neonatal nurses, neonatal nutritionist, and practicum participants will attend these rounds.