Neurodevelopment and Care of the Preterm Infant

From Protocol to Relationship

An Introductory Training Lecture on
Newborn Individualized Developmental Care and Assessment Program

Presented by:
Jean Powlesland, MS, RN
Developmental Specialist
Children’s Hospital, University of Illinois
Chicago, Illinois, USA

June 23, 2014
The Newborn Individualized Developmental Care and Assessment Program (NIDCAP) Introductory Training Lecture, aims at explaining the theoretical background and empirical basis for developmental care.

Objectives / Learning Outcomes

At the end of the Introductory Training Lecture, the learner will be able to:

1. Discuss fetal development.
2. Define Synactive theory of development.
3. Explain the assessment of Preterm Infant Behavior and Development (APIB).
4. State Implications of developmental care for NICU.
5. Utilize research finding.

Target Audience

- Nurses, Physicians, Physical Therapists, Occupational Therapists, Inhalation Therapists, Psychologists and Social Workers working with Newborns in a Neonatal Intensive Care setting.

Introductory Training Lecture Content:

I. Fetal Development
II. Synactive Theory of Development
III. Assessment of Preterm Infant Behavior and Development
IV. Implications for NICU Care
V. Research findings
VI. Moving Towards Developmental Care Implementation

Teaching Strategies

- PowerPoint Presentations
- Discussions
Learner Requirements

- Attend the sessions and sign on the attendance sheet.
- Interact during discussions.
- Complete evaluation and personal verification forms at the end of each session.

**OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00pm - 1:15pm</td>
<td>Registration</td>
<td></td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>1:15pm - 1:45pm</td>
<td>Fetal Development</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>1:45pm - 2:15pm</td>
<td>Synactive Theory of Development</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>2:15pm – 2:45pm</td>
<td>Assessment of Preterm Infant Behavior and Development</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>2:45pm – 3:00pm</td>
<td>Discussion</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>3:00pm – 3:15pm</td>
<td>Coffee Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15pm – 3:45pm</td>
<td>Implications for NICU Care</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>3:45pm – 4:15pm</td>
<td>Research findings</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>4:15pm – 4:45pm</td>
<td>Moving Towards Development Care Implementation</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
<tr>
<td>4:45pm – 5:00pm</td>
<td>Discussion</td>
<td>Ms. Jean Powlesland, MS, RN</td>
<td>AUBMC SB101</td>
</tr>
</tbody>
</table>

**Contact hours:** 3.5 ANCC Contact hours