

**Course Title:** Swallowing Disorders 104 – Normal Swallowing and Development in the Term and Preterm Infant

**Target Audience:** OT / OTA and other healthcare professionals

**Course Type:** Video vs. Text-based

**Educational Level:** Beginner, Intermediate, Advanced

**CE Hours:** 1 contact hour / .1 ceu

**Course Prerequisites:** None

**Course Author / Instructor:** Groher, PhD, FASHA and Crary, PhD, FASHA / Brown, MS, OTR/L

**Learning Objectives:**

- Identify and understand core concepts of newborn development
- Identify the difference between a nonnutritive suck and a nutritive suck
- Identify and understand the benefits of breast milk
- Identify and understand the major swallowing milestones between birth and age 12 month

**Agenda:**

**Hour #1**

Development of Head and Neck Anatomy

Infant head and neck development

Branchial arches

Development of Other Body Systems Involved in Feeding

Gut development

Lung development

Neurologic development

Development of Feeding Reflexes

Suck-swallow-breath coordination

Development of Motor and Cognitive Skills Involved in Early Feeding

Breastfeeding

Bottle Feeding

Introduction of Solids

Developmental milestones for feeding

Transition to Mature Mealtime Behavior

Nutrition and Growth Considerations in Infants and Children

Current infant feeding guidelines

Nutrition guidelines for children

Energy requirements

Macronutrient, micronutrient, and fluid requirements

Food servings and serving size

Food handling and hygiene  
Growth charts

**Course Completion Requirements:**

A passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of course and completing a satisfaction survey, you will receive your certificate of completion.

**Additional Course Information**

**Course Registration:** Register for Free at [www.OnlineCE.com](http://www.OnlineCE.com). Once registered, you can begin to purchase courses. Contact [info@onlinece.com](mailto:info@onlinece.com) for special needs requests and assistance.

**Refund Policy:** There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

**Cancellation Policy:** Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

**Course Date and Location:** This is an independent course that is available 24/7 on-demand at [www.OnlineCE.com](http://www.OnlineCE.com).

**Required Materials and Equipment:** Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.



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