



Online Continuing Education Courses
www.OnlineCE.com



AOTA Approved Provider #4023

Course Title: Neurology UE 107

Sub-Title: Genetic Disorders

Course Description: Neurology UE 107, Genetic Disorders, is a 4-hour course designed for the clinician working with patients with genetic disorders. This course will focus on a variety of genetic disorders including Down syndrome (DS), fragile X syndrome, Rett syndrome, cystic fibrosis (CF), Duchenne muscular dystrophy (DMD), and osteogenesis imperfecta (OI). The course begins with a general discussion of the types of genetic transmission, the pathophysiology and clinical features of each conditions outlined above. A case study of a child with DS is presented to highlight clinical application and the therapy management of children with low muscle tone.

Target Audience: OT/OTA

Course Length: 4 hours

Course Author/Instructor: Martin, PT, MACT, Kessler, PT, MHS /Brown, MS, OTR/L, CHT

Educational Level: Introductory, Intermediate, Advanced

The course is written at the intermediate level, but learners of all levels will benefit from the information.

Course Objectives:

At the conclusion of the course, participants will be able to:

- Describe different modes of genetic transmission
- Discuss the incidence, etiology, and clinical manifestations of specific genetic disorders
- Understand the medical and surgical management of children with genetic disorders
- Articulate the role of the therapy assistant in the management of children with genetic disorders
- Identify appropriate therapy interventions used with children with genetic disorders
- Recognize the importance of functional training throughout the life span of a child with a genetic disorder

Outline of Content:

Hour #1

INTRODUCTION
GENETIC TRANSMISSION
Categories

Hour #2

Down Syndrome
CRI-DU-CHAT SYNDROME
PRADER-WILLI SYNDROME
ARTHROGRYPOSIS MULTIPLEX CONGENITA

Hour #3

OSTEOGENESIS IMPERFECTA
CYSTIC FIBROSIS
SPINAL MUSCULAR ATROPHY
PHENYLKETONURIA

Hour #4

FRAGILE X SYNDROME
RETT SYNDROME
GENETIC DISORDERS AND MENTAL RETARDATION
CASE STUDIES

Instructional Methods and Formats:

Online course available 24/7 at www.OnlineCE.com includes PDF downloadable course. See course formats for additional details.

Course Completion Requirements:

A minimum 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, you will receive your certificate of completion and AOTA eligible CEUs.

AOTA Classification Codes:

- Category 1: Domain of OT
- Category 2: Occupational Therapy Process
- Category 3: Professional Issues

Additional Policies:

OnlineCE Policies are available by clicking on the tab – Policies – located in the left hand navigation bar.

OnlineCE.com is an AOTA Approved Provider of continuing education. AOTA does not endorse specific course content, products, or clinical procedures.

