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AOTA Approved Provider #4023

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**Course Title:** Pathology 115

**Sub-Title:** Cell Pathology

**Target Audience:** OT/OTA

**Course Length:** 2 hours

**Course Author/Instructor:** Ivan Damjanov, MD, PhD /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:

- List the most important causes of cell injury
- Describe 3 types of cell adaptations
- Describe cellular aging
- Compare 2 forms of cell death: necrosis and apoptosis
- Describe various forms of necrosis and give examples of each

**Outline of Content:**

**Hour #1**

Structure and Function of

Normal Cells

Nucleus

Cytoplasm

Plasma Membrane

Integration and Coordination

of Cell Functions and

Response to Injury

Integration of Function of Normal

Cells

Reversible Cell Injury

Irreversible Cell Injury

**Hour #2**

Causes of Cell Injury

Cell Adaptations

Atrophy

Hypertrophy and Hyperplasia

Metaplasia

Intracellular Accumulations

Aging

Death

Cell Death

Necrosis

Apoptosis

**Instructional Methods and Formats:**

Online course available 24/7 at [www.OnlineCE.com](http://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.

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