

SALEM PRESS

Published & Distributed by Grey House Publishing

For Immediate Release

October 13, 2023

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Salem Press Announces the Newest Addition to The *Principles of Health Series, Occupational Therapy & Physical Therapy*

Principles of Health: Occupational Therapy & Physical Therapy introduces students and researchers to the fundamentals of the related-yet-distinct fields of occupational therapy (OT) and physical therapy (PT), using easy-to-understand language for a solid background and a deeper understanding and appreciation of these important subjects. This work begins with a comprehensive Editor's Introduction to the topic of occupational and physical therapy. Following the Introduction, *Principles of Health: Occupational Therapy & Physical Therapy* includes 161 entries arranged in 6 broad categories:

- **Body System & Development** describes major components of the human body and details how the body develops over time, with an eye to how these factors relate to the fields of occupational and physical therapy. Entries in this section include overview pieces on the skeletal system, developmental stages, and systems and organs; specific pieces on extremities and complex organs such as the brain; and topics such as motor control and walking.
- **Conditions** details over 60 health conditions that require some form of treatment either with occupational therapy or physical therapy—or both. Conditions include common ailments and injuries, complex and debilitating disorders, and rare conditions as well. Among the topics discussed in this section are Alzheimer's disease, autoimmune disorders, carpal tunnel syndrome, genetic diseases, sports-related wrist and hand injuries, and traumatic brain injury.
- **Medications** goes into detail about some of the top medications that occupational and physical therapists may encounter while on the job. While these kinds of therapists typically aren't licensed to prescribe medication themselves, they must be aware of what these medications do, how they help their patients, and what side effects may occur. Medications discussed in this section include antidepressants, anti-inflammatory drugs, barbiturates, fentanyl, morphine, over-the-counter drugs, oxycodone, and Valium.
- **Professions & Research Areas** looks at professions related to occupational and physical therapy, as well as research areas of interest to professionals in these fields. Readers will find job profiles about OT and PT specifically, as well as jobs such as personal trainer. Research areas such as biomechanical and biomedical engineering, exercise science, neurology, orthopedics, and sports medicine are also discussed.
- **Technology** features common and cutting-edge technologies and scientific breakthroughs that benefit the fields of occupational and physical therapy. OT and PT treatments often rely on the aid of medical devices, and improved technologies are constantly being

unveiled. Articles in this section cover assistive devices and technologies, imaging and radiology, neuroimaging, prostheses, smart devices, and 3D printing.

- **Treatments, Procedures & Resources** provides details on the different types of treatments that occupational and physical therapists offer, as well as related treatments that OT and PT patients may undergo in their rehabilitation. Treatments discussed include Astym® therapy, deep brain stimulation, exercise-based therapies, hydrotherapy, massage therapy, pain management, stretching, and weight training, as well as more complex procedures such as fracture repair, kneecap removal, neurosurgery, and rotator cuff surgery. Resources such as information on Medicare are also provided.

Some the entries discussed in this volume include:

- Bones and the Skeleton
- Brain
- Motor Control
- Primitive Reflexes
- Developmental Disorders
- Fracture and Dislocation
- Head and Neck Disorders
- Myasthenia Gravis

Each essay includes valuable top matter—**Category**, **Definition**, and **Key Terms**—and ends with a helpful **Further Information** section. **Photos and illustrations** enhance many of the entries. In addition, *Principles of Health: Occupational Therapy & Physical Therapy* includes helpful back matter, such as a comprehensive **General Bibliography**, a **Glossary**, a list of **Organizations**, and a **Subject Index**.

Essays are comprehensive and accessible to high school and undergraduate students and general readers interested nursing—a must-have resource for students and researchers building a foundation in the study of this topic.

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Principles of Health: Occupational Therapy & Physical Therapy
ISBN: 978-1-63700-479-1 856 pages \$165.00
eBook ISBN: 978-1-63700-480-7
Publisher: Salem Press

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