

Features:

- Covers the **essentials of normal and abnormal human development** for students in a variety of health science disciplines, reflecting **new research findings** and current clinical practice through concise text and abundant, clearly labeled illustrations.
- Offers **authoritative, easily accessible, step-by-step coverage** from conception through all stages of development to birth.
- Features many **new color photographs** and **new diagnostic images** (3D ultrasound, CT, and MR images).
- Includes an updated teratology section, revised and highlighted information on molecular aspects of developmental biology and genetics, and new information on the cellular and molecular basis of embryonic development.
- Contains **nearly 700 USMLE-style questions** with full answers and explanations to help prepare for professional exams.
- Includes **clinical cases** in every chapter that make important connections between human development and clinical practice—ideal for preparing for USMLE Step 1 and similar exams.
- Provides access to **18 full-color, expertly narrated animations** that guide students through key concepts of embryologic development.
- Follows the official international list of embryological terms (*Terminologia Embryonica*, 2019).
- **An eBook version is included with purchase.** The eBook allows you to access all of the text, figures and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud.

Περιεχόμενα:

- 1 Introduction to Human Development
- 2 Human Reproduction
- 3 First Week of Human Development
- 4 Second Week of Human Development
- 5 Third Week of Human Development
- 6 Fourth to Eighth Weeks of Human Development
- 7 Fetal Period
- 8 Placenta and Fetal Membranes
- 9 Body Cavities, Mesenteries, and Diaphragm
- 10 Pharyngeal Apparatus, Face, and Neck
- 11 Respiratory System
- 12 Alimentary System

- 13 Urogenital System
- 14 Cardiovascular System
- 15 Musculoskeletal System
- 16 Nervous System
- 17 Development of Eyes and Ears
- 18 Integumentary System
- 19 Human Birth Defects
- 20 The Cellular and Molecular Basis of Development

Bibliography and Suggested Reading

Appendix: Answers to Clinically Oriented Questions

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