

Χαρακτηριστικά:

- **NEW!** Expanded coverage includes a **chapter on 3D printing and the latest content on interventions**
- **NEW! Enhanced ebook version**, *included with every new print purchase*, features video clips and an additional e-only chapter, plus digital access to all the text, figures, and references, with the ability to search, customize content, make notes and highlights, and have content read aloud
- **UPDATED! Evidence-based tables** put reliable and current information at your fingertips
- **Updated content, references, grading forms and self-evaluation, and case studies** provide the most current and up-to-date information you need to prepare to serve their clients' needs
- **Combined textbook/workbook format** makes it easier to develop fundamental skills in the theory, design, and fabrication of orthoses
- **Numerous case studies in each chapter** show how concepts relate to real-life clinical practice
- **How-To videos** in the enhanced ebook version, *included with every new print purchase*, let you watch the construction of orthotics again and again to increase your proficiency
- **Integration of patient safety** addresses this important aspect of patient care
- **Spiral binding** allows the book to lay flat when opened for convenient use while on the job
- **Self-evaluation forms** enable you to analyze personal strengths and weaknesses related to new orthotic intervention techniques
- **Review questions and self-quizzes** reinforce your comprehension of the material
- **Laboratory exercises** test your clinical reasoning and technical skills

Περιεχόμενα:

Contributors

Preface

Acknowledgments

UNIT ONE Orthotic Foundations

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3 Orthotic Processes, Tools, and Techniques

4 Anatomical and Biomechanical Principles Related to

Orthotic Provision

5 Clinical Examination for Orthotic Intervention

6 Clinical Reasoning for Orthotic Intervention

UNIT TWO Orthosis for Conditions and Populations

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8 Thumb Immobilization Orthoses

9 Hand Immobilization Orthoses

10 Elbow and Forearm Immobilization Orthoses

11 Orthoses for the Shoulder

12 Orthotics for the Fingers

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14 Orthotic Intervention for Peripheral Nerve Injuries

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19 Upper Extremity Serial Casting

20 Upper Extremity Prosthetics

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Glossary

Appendix A: Answers to Self-Quizzes, Case Studies, and
Laboratory Exercises

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