

Clinical Gait Analysis

Theory and Practice

ISBN 0443100098 · Churchill Livingstone · Published December 2005

Hardback · 328 Pages · 303 Illustrations

By **Christopher Kirtley**, MD, PhD, Associate Professor, Department of Biomedical Engineering, The Catholic University of America, Washington DC

The study of human gait is vital to the work of podiatrists, physiotherapists, orthotists and many others, yet due to its complexity it can appear daunting to the non-expert. Clinical Gait Analysis takes a fresh look at the subject, founded on the author's long experience of teaching and researching biomechanics. In the course of a comprehensive review of biomechanical principles, techniques and clinical approaches to the assessment of walking disorders, Dr Kirtley strips away the dryness and obscurity that often accompanies such surveys and provides a clear, informed and stimulating account. Both theory and practice are brought into focus, and currently contentious issues are highlighted in order to encourage critical thinking. The multiple choice questions scattered throughout the book provide the reader with the opportunity to test their knowledge of some of the more challenging sections.

Reviews

"... as a reference book on clinical gait analysis this text is excellent." "... it has much to offer the chiropodist/podiatrist who is using biomechanics as a treatment modality. "I particularly liked the easy-to-use layout, clear diagrams, and multi-choice-questions and debating points. These last two should encourage the reader to think about issues which are current and contentious in podiatry. "... to those who have an interest in gait analysis and to those who are doing or intend to do, a top-up degree I can wholeheartedly recommend this book." David Holland BSc(Hons), MSc(Research) Bioengineering, Consulting Podiatrist. In Chiropody Review Vol. 63 No. 3.

Features

- Comprehensive, stimulating and highly readable
- Written with student needs to the fore
- Unites theory and practice
- Authored by an MD PhD
- Contains test-yourself quizzes

Contents

Part 1 Theory

Temporal-spatial parameters
Measurement of gait kinematics
Three-dimensional gait analysis
Ground reaction in normal gait
Plantar pressure measurement
Biomechanics of standing
Measuring muscle activity
Muscles
Gravity and centre of mass
Power

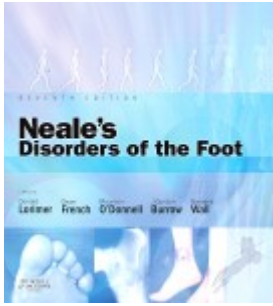
Part 2 Practice

Introduction
Loading
Support and forward progression
Propulsion and swing
Observational gait analysis

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ELSEVIER; Butterworth & Heinemann, Churchill & Livingstone, Mosby, Saunders

Afterword



Neale's Disorders of the Foot, 7th edition

ISBN 0443074151 · Churchill Livingstone · Published December 2005
Hardback · 722 Pages · 540 Illustrations

By **Donald L. Lorimer**, BeD (Hons), MChS, DPod, Podiatrist, Formerly Head of Durham School of Podiatric Medicine, Durham, UK; Past Chairman of Council The Society of Chiropractors and Podiatrists; Formerly Dean of Faculty of Undergraduate Education, Society of Chiropractors and Podiatrists; Joint Quality Assurance Committee Society of Chiropractors and Podiatrists, Chiropractors Board, UK; **Gwen J. French**, MChS, DPodM, Podiatrist, President International Federation of Podology and Podiatry (FIPP); Former head of Chiropractic Department, Greenwich District Hospital London; Former Principal Lecturer in Podiatry, University of Westminster, UK; **Maureen O'Donnell**, BSc(Hons), FChS, DPodM, SRCh, Podiatrist, Senior Lecturer in Podiatry, Acting Head of Division of Podiatry, Glasgow Caledonian University, Glasgow, UK.; **J. Gordon Burrow**, DPodM, BA, AdvDipEd, FChS, MPhil, Hiosh, Ilt(m), Podiatrist, Senior Lecturer, Division of Podiatric Medicine & Surgery, Glasgow Caledonian University, Glasgow UK.; and **Barbara Wall**, MSc, BSc, FChS, DPod M, Podiatrist, Senior Lecturer, UCL School of Podiatric Medicine, London Foot Hospital, London, UK

Neale's Disorders of the Foot remains the essential resource for students and practitioners of podiatry. All the common conditions encountered in day-to-day podiatric practice are reviewed and their diagnoses and management described along with areas of related therapeutics. Students will find in this one volume everything they need to know about foot disorders and their treatment in order to pass their examinations, while practitioners will continue to appreciate the book's accessibility and relevance to their daily practice. The seventh edition of this essential textbook and reference source is more indispensable than ever before. Most of the chapters have been revised and rewritten, many by new contributors, some by podiatrists in the wider field of research working in collaboration with medical colleagues, and valuable new chapters have been included. A second colour has been added throughout the text, which along with the all-new page design and format, redrawn line figures and augmented colour plate section makes the new Neale's more user friendly than ever before. New for the seventh edition: • New chapter on clinical governance reflects the growing importance of this subject. • New chapter on evolution helps situate the treatment of biomechanics. • New chapter on footwear. • Biomechanics section reorganized for greater ease of understanding. • Completely rewritten chapters on circulatory disorders, rheumatology and neurology incorporate the latest work of leading clinical researchers from Britain and the United States. • Podiatric surgery chapter completely rewritten by a UK expert. • Other chapters revised, reorganized and rewritten to bring them up to date and enhance accessibility. • Second colour used throughout the text. • Redrawn colour line figures • Colour plate section revised and expanded. Whether you need quick reference or more detailed information, the up-to-date, revised and redesigned seventh edition of Neale's Disorders of the Foot is ready to serve the needs of a new generation of podiatry students and practitioners.

Features

- All essential material on common foot disorders and their management is covered, which is required by those studying for their first degree in podiatry.
- Quick and easy access to information is offered through a detailed contents list, comprehensive index, and clear layout with good use of headings.
- Quick and easy learning features make this an ideal text for self-directed study and revision.
- Up-to-date information covers the conditions most commonly encountered in day-to-day practice.
- Colour illustrations.

What's New

New chapter on clinical governance reflects the growing importance of this subject. • New chapter on evolution helps situate the treatment of biomechanics. • New chapter on footwear. • Biomechanics section reorganized for greater ease of understanding. • Completely rewritten chapters on circulatory disorders, rheumatology and neurology incorporate the latest work of leading clinical researchers from Britain and the United States. • Podiatric surgery chapter completely rewritten by a UK expert. • Other chapters revised, reorganized and rewritten to bring them up to date and enhance accessibility. • Second colour used

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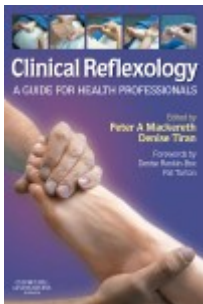
MEDIREHABOOK KUSTANNUS OY

ELSEVIER; Butterworth & Heinemann, Churchill & Livingstone, Mosby, Saunders

throughout the text. • Redrawn colour line figures • Colour plate section revised and expanded.

Contents

- Chapter 1. Examination and diagnosis in clinical management
- Chapter 2. Dermatological conditions of the foot and leg
- Chapter 3. The human nail and its disorders
- Chapter 4. Adult foot disorders
- Chapter 5. Circulatory Disorders
- Chapter 6. Neurological Disorders in the Lower Extremity
- Chapter 7. Leprosy
- Chapter 8. Musculo-skeletal Disorders
- Chapter 9. Metabolic Disease
- Chapter 10. Tropical Diseases
- Chapter 11. Management of diabetic and other high risk patients
- Chapter 12. Podiatric Management of the Elderly
- Chapter 13. Paediatric Podiatry & Genetics
- Chapter 14. Sports Medicine and Injuries
- Chapter 15. Evolution and its influence on human foot function
- Chapter 16. Basic biomechanics of gait
- Chapter 17. Structure and Function of the Foot
- Chapter 18. Clinical Therapeutics
- Chapter 19. Orthoses
- Chapter 20. Footwear and Footwear Modifications
- Chapter 21. Pain Control
- Chapter 22. Local Anaesthesia
- Chapter 23. Nail Surgery
- Chapter 24. Diagnostic imaging
- Chapter 25. Podiatric Surgery
- Chapter 26. Patient Education
- Chapter 27. Infection control
- Chapter 28. Clinical Governance
- Chapter 29. Health and Safety in Podiatric Practice
- Chapter 30. Medical emergencies in podiatry



Clinical Reflexology

A Guide for Health Professionals

ISBN 0443071209 · Churchill Livingstone · Published July 2002

Paperback · 224 Pages

By **Peter A. Mackereth**, MA, Lecturer, School of Nursing, Midwifery & Health Visiting, University of Manchester, Clinical Reflexologist & Massage Therapist; and **Denise Tiran**, RGN, RM, ADM, MTD, PGCEA, Principal Lecturer in Complementary Therapies & Midwifery, University of Greenwich

This is a unique textbook for all students undertaking a full or short course in reflexology. Suitable for both degree and diploma level, this book will critically review the origins and theories of reflexology, examine the therapeutic relationship between practitioner and patient as well as consider key areas in which reflexology could be provided in clinical practice. There is nothing else like it!

Reviews

"This publication can be considered a compulsory read for readers in education and for students, who are

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training for, and reflexologists who are already working within the clinical environments ." *Eve Doveton, BA (Hons), MEd, Reg Therapeutic Reflexologist*, represents the reflexology profession's coming of age... Every reflexologist should read it." *A. R. White, FACT*, December 2002

Features

Reviews recent research and audit activity and discusses methodological issues in asking questions about the efficacy and safety of reflexology

Critically evaluates research literature in the field

Examines the key issues in the integration of reflexology practice

Explores the therapeutic value of reflexology, including issues of safety and efficacy

Addresses the educational needs of students, including issues of support and supervision for practice.

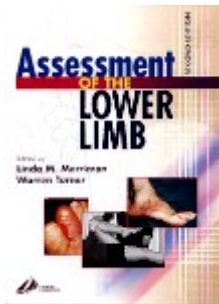
Contents

Section 1 Examining Key Themes in Reflexology

Reviewing the theories and origins. Appreciating preparatory and continuing education. Challenging the 'rules' of reflexology. Identifying ethicolegal and professional principles. Research in reflexology. Clarifying healing and holism. Exploring the therapeutic relationship. Practising safely and effectively.

Section 2 Application of reflexology in specialist clinical areas

Integrating reflexology in conventional healthcare settings. Supporting women during pregnancy and childbirth. Practising in the neonatal area. Advocating the use of reflexology for people with learning disabilities. Improving and maintaining mental health. Enhancing quality of life for people in palliative care settings.



Assessment of the Lower Limb, 2nd edition

ISBN 0443071128 · Churchill Livingstone · Published November 2002

Hardback · 504 Pages · 120 Illustrations

By **Linda M Merriman**, MPhil, DPodM, MCHS Cert., Associate Dean Postgraduate & External Affairs, School of Health & Social Sciences, Coventry University, Coventry, UK; and **Warren Turner**, Head of School, Podiatry Department, University College Northampton, Park Campus, Northampton

The Second Edition of this highly respected and well-established guide to lower limb examination and assessment provides completely revised and comprehensive coverage of the subject.

The extensive updating for this new edition takes into account developments in the subject at undergraduate level and ensures that students, newly qualified podiatrists, physiotherapists and all those involved in the diagnosis of foot problems have at their disposal a thoroughly modern text which will continue to be their indispensable diagnostic guide.

With its logical and accessible structure, *Assessment of the Lower Limb* will also be invaluable to trainee general practitioners, medical students working in rheumatology, diabetology and orthopaedics, sports therapists and sports medicine trainees.

Features

Logical structure matches the clinical reasoning process leading to accurate diagnosis

Each chapter serves as a 'mini book' on its topic and so can be dipped into easily in the office or the lecture theatre

Examines specific points of concern in different patient groups eg children, the elderly, sportsmen, the diabetic - following the contemporary realities of the lifespan style of practice

Includes case studies to illustrate the theory - grounding the student's reading in working life of a podiatrist

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ELSEVIER; Butterworth & Heinemann, Churchill & Livingstone, Mosby, Saunders

Fully referenced for further study

Highly illustrated with photographs, line diagrams and colour plates - a much better way of quickly identifying disorders and conditions

Edited by experienced educators - who are aware of student needs

With contributions from experienced clinicians - who are up-to-date with the latest developments in the clinical field.

What's New

New chapters on assessment of the elderly and pre- and post-operative assessment

Completely new sections on epidemiology, assessment technology, latest techniques in neurological assessment, wear patterns on footwear and imaging techniques

Major updating of existing chapters on gait analysis, skin assessment, sports patients and the 'at risk' foot

New selection of contributors ensures latest developments and current thinking are covered

Colour plate section.

Contents

PART I: Approaching the Patient

1. Assessment
2. The Interview
3. The Presenting Problem
4. Clinical Measurements

PART II: Systems Examination

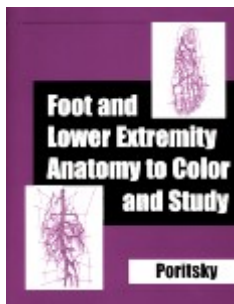
5. Medical and Social History
6. Vascular Assessment
7. Neurological Assessment
8. Assessment of the Locomotor System
9. Assessment of the Skin and Its Appendages
10. Assessment of the Elderly
11. Pre- and Post-Operative Assessment
12. Footwear Assessment

PART III: Laboratory and Hospital Investigations

13. Radiographic Assessment
14. Methods of Analyzing Gait
15. Laboratory Tests

PART IV: Specific Client Groups

16. The Paediatric Patient
17. The Sports Patient
18. The Painful Foot
19. Assessment of the At-Risk Foot



Foot & Lower Extremity Anatomy to Color & Study

ISBN 1560534818 · Hanley & Belfus · Published March 2001

Paperback · 83 Pages

By **Ray Poritsky**, PhD, Emeritus, Department of Anatomy, Case Western University School of Medicine,

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MEDIREHABOOK KUSTANNUS OY

ELSEVIER; Butterworth & Heinemann, Churchill & Livingstone, Mosby, Saunders

Cleveland, Ohio

This interactive atlas is an expansion of the leg section of Dr. Poritsky's "Anatomy to Color and Study" with the inclusion of many more drawings. The book's purpose is to supplement and reinforce the student's knowledge of foot and lower extremity anatomy by the coloring and labeling of key structures. Examples are given to help describe muscles in terms of their origin, insertion, action, and innervation. There are a total of 83 drawings depicting various aspects of the thigh, knee, tibia, fibula, ankle, and foot.

Features

Includes many new drawings. Fifth in a series of color and study books by Poritsky, an accomplished medical illustrator and anatomist.

Reader identifies, labels, and colors each section, thereby reinforcing anatomic knowledge and aiding the memory. Witty cartoons describe word origins in humorous and memorable fashion (anatomic terms are often cumbersome and somewhat complex, making them difficult to remember).

Contents

- 1 Bones of the lower extremity
- Superficial muscles of the right thigh (anterior view)
- Muscle (etymological cartoon)
- 3 Superficial muscles of the right thigh (lateral view)
- 4 Superficial muscles of the right thigh (posterior view)
- 5 Superficial muscles of the leg (anterior aspect)
- 6 Superficial muscles of the right leg (lateral aspect)
- 7 Superficial muscles of the posterior leg
- 8 Muscles of medial right leg
- 9 Right coxal (hip) bone (lateral aspect)
- 10 Right coxal (hip) bone (medial surface)
- 11 The right femur
- Fibula (etymological cartoon)
- 12 The right tibia and fibula
- 13 Bones of the right foot
- 14 Lumbar muscles
- 15 Arteries of the right thigh
- 16 Nerves of the lumbar plexus
- 17 Femoral nerve motor distribution I
- 18 Femoral nerve motor distribution II
- 19 Deep dissection of right thigh I
- 20 Deep dissection of right thigh II
- 21 Dissection of structures deep to inguinal ligament
- 22 Iliopsoas muscle and femoral nerve
- 23 Medial thigh muscles and obturator nerve
- 24 Adductor magnus and obturator nerve
- 25 Muscles of buttock and posterior thigh
- 26 Gluteus maximus and iliotibial tract
- 27 Posterior gluteal and thigh muscles
- 28 Posterior muscles of right gluteal region and upper thigh
- 29 Deep gluteal region
- 30 Hamstring muscles and gluteus medius
- 31 Gluteus minimus, semimembranosus, and sciatic nerve
- 32 Deep dissection of the right thigh
- 33 Cross section of right thigh
- 34 Deep structures of the leg and popliteal fossa
- 35 Deep dissection of lower leg
- 36 Deep dissection of popliteal region
- 37 Muscle attachments on the anterior pelvis and femur
- 38 Muscle attachments on the posterior pelvis and femur
- 39 Lumbosacral plexus
- 40 Gastrocnemius
- 41 Soleus, gastrocnemius, and plantaris
- 42 Flexor digitorum longus and flexor hallucis longus

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- 43 Deep muscles in the posterior leg compartment
- 44 Flexor hallucis longus
- 45 Muscles of the lateral leg
- 46 Anterior dissection of the right leg
- 47 Muscle attachments on the anterior leg
- 48 Muscle attachments on the posterior leg
- 49 Bones of foot (medial aspect)
- 50 Bones of foot (inferior aspect)
- 51 Plantar arteries
- 52 Plantar dissection of the right foot
- 53 Arteries of the right knee joint
- 54 Arteries of the posterior leg
- 55 Motor distribution of the common (peroneal) fibular nerve
- 56 Foot: anterior-superior aspect
- 57 Dorsum of the foot (deep dissection)
- 58 Deep dissection of plantar foot
- 59 Plantar muscles I and related structures of the left foot
- 60 Plantar muscles II and related structures of the left foot
- 61 Plantar muscles III and related structures of the left foot
- 62 Plantar muscles IV and related structures of the left foot
- 63 Motor distribution of the tibial nerve
- 64 Plantar arteries of the right foot
- 65 Ligaments of the hip joint
- 66 Frontal section of right hip joint
- 67 Knee joint (anterior aspect)
- 68 Ligaments of the right knee (posterior aspect)
- 69 Right knee joint
- 70 Muscle attachments on the dorsum of the foot
- 71 Muscle attachments on plantar surface of right foot
- Pedigree (etymological cartoon)
- 72 Muscles of plantar foot
- 73 Planes of sections of right foot
- 74 Sections of right foot
- 75 Ligaments of right ankle joint and foot (medial view)
- 76 Ligaments of the ankle joint and foot (lateral view)
- 77 Ligaments of the foot and ankle (posterior view)
- 78 Plantar ligaments of the right foot (viewed from below)
- 79 Frontal section of ankle and foot
- 80 Incisions on plantar surface of foot
- 81 Incision in back of medial malleolus and cross-section of ankle
- 82 Cutaneous nerves of the lower extremity (anterior aspect)
- 83 Cutaneous nerves of the lower extremity (posterior aspect)

Disorders of the Heel, Rearfoot, and Ankle

ISBN 0443078386 · Churchill Livingstone · Published April 1999

Hardback · 520 Pages · 547 Illustrations

By **Chitranjan S. Ranawat**, MD, Director, Department of Orthopaedic Surgery, Ranawat Orthopedic Institute and Center for Total Joint Replacement, Lenox Hill Hospital, New York, NY; Attending Orthopedic Surgeon, Hospital for Special Surgery, New York, NY; Professor of Orthopedic Surgery, Cornell University Medical College, New York, NY; and **Rock G. Positano**, MSc, MPH, DPM, Director, Practice for Disorders of the Heel and Rearfoot, Hospital for Special Surgery, New York, NY; Foot and Ankle Division, The Combined Orthopedic Trauma and Fracture Service, New York Presbyterian Hospital/Hospital for Special Surgery, New York, NY; Department of Orthopedic Surgery, Foot and Ankle Division, Lenox Hill Hospital, New York, NY; Professor, The Institute for Orthopedic and Sports Engineering, The Cooper Union for the Advancement of Science and Art, Albert Nerken School of Engineering, New York, NY

Presenting the most comprehensive, in-depth reference ever published on disorders of the heel, rearfoot, and ankle. The 57 internationally recognised contributors represent a wide variety of fields including orthopaedic surgery, rheumatology, podiatry, radiology, sports medicine, and

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physical medicine. They explore everything from anatomy and pathophysiology through to diagnosis and the surgical and conservative treatment of a full range of clinical entities. The result is today's most multidisciplinary, well-rounded analysis of the subject.

Features

Examines the latest imaging and diagnostic techniques, including clinical gait analysis and neurophysiologic testing methods
Covers traumatology and fractures; ankle sprains; lateral ankle instability; heel spur syndrome; plantar fasciitis; achilles tendinitis; heel tumours, and many other conditions

Illustrates the clinical correlations between heel, rearfoot, and ankle problems and other conditions affecting the same region
Discusses the role of underlying systemic diseases, such as the systemic conditions that may be indicated by foot edema

Reviews physical and orthotic therapy, enabling readers to incorporate these elements into patient care

Contents

Anatomy of the Heel, Rearfoot, and Ankle. Imaging of the Hindfoot and Ankle. Ultrasound Imaging of the Ankle and Rearfoot. Rheumatology Laboratory Evaluation. Electrodiagnosis in Heel and Foot Disorders. The Ankle and Foot During Gait. Edema and Foot Injuries: Pathophysiology and Differential Diagnosis. Tarsal Tunnel Syndrome. Biomechanics of the Heel Pad and Plantar Aponeurosis. Functional and Biomechanical Aspects of the Planar Fascia. Heel Pain Syndrome. Surgical Correction of Heel Spur and Plantar Fascia Tears. Heel Pain in the Setting of Metabolic, Infiltrative, and Bone Disorders. Heel Pain and Achilles Pain Associated with Rheumatoid Arthritis and Seronegative Spondyloarthropathies. Heel and Hindfoot Pain in the Pediatric and Adolescent Patient. Thrombophlebitis as a Cause of Heel and Rearfoot Pain. Knee Pathology and Pain Related to Rearfoot and Heel Dysfunction. Reflex Sympathetic Dystrophy - Complex Regional Pain Syndrome of the Ankle and Foot. Treatment of Bone and Soft Tissue Tumors of the Foot. Stress Fractures of Rearfoot, Midfoot, Distal Tibia, and Fibula. Calcaneal Fractures: Etiology, Diagnosis, and Classification. Treatment of Calcaneal Fractures - Conservative and Surgical. Ankle Sprain: Clinical Evaluation and Current Treatment Concepts. Lateral Ankle Instability: An Overview. The Chronically Unstable Ankle: More Than a Ligamentous Problem - Anatomical, Biomechanical, and Neurological Considerations. Fractures of the Ankle. Fractures of the Tibial Pilon: Classification, Diagnosis, and Treatment. Chronic Compartment Syndrome and Shin Splint Syndrome. Peroneal Tendon Disorders. Posterior Tibial Tendon Dysfunction. Achilles Tendinitis. Achilles Tendon Injuries. Physical Therapy of the Ankle and Rearfoot Disorders. Orthotic Therapy in the Treatment of Heel, Achilles Tendon, and Ankle Injuries.

Primary Podiatric Medicine

ISBN 0721643639 · Saunders · Published July 1994

Hardback · 448 Pages · 235 Illustrations

By **Jeffrey M. Robbins**, DPM, DABPPH, DABOPPM, Professor of Podiatric Medicine, Director, Podiatric Primary Care Residency, Ohio College of Podiatric Medicine, Cleveland, OH

This groundbreaking text represents the first book to specifically address the subject of podiatric primary care as a specialty of medicine. As such, it is destined to serve as the standard by which all others in the field will be measured. Students, residents, practitioners, and podiatric educators alike will find this singular reference invaluable both in practice and in the board certification process.

Features

OUTSTANDING FEATURES: Extensive coverage of the entire domain of primary care podiatry ensures expert answers to every question readers may pose - in a single source for easy reference.

Chapters focus on the self-development process helping readers in the continuing development of their skill. Unique coverage of psychosocial aspects of practice presents a comprehensive picture not often provided by texts that only address medical aspects.

Examples of topics include: ambulatory care, community health, ethical considerations, palliative care, sports medicine, geriatric assessment, and much more!

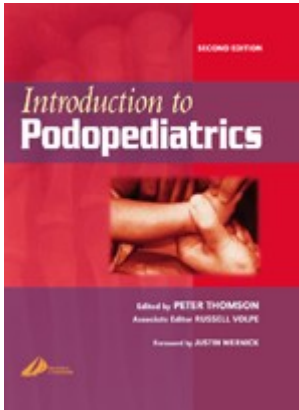
Contents

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Introduction. Podiatric Prevention. Ambulatory Care. Communication. Psychosocial and Behavioral Components. Quality Assurance and Utilization Review. Self-Directed Learning. Community Health. Occupational Podiatry. Ethical Considerations. The Medical Literature: Epidemiology and Biostatistics. Teaching and Learning Clinical Problem Solving. Palliative Care. Pedal Manifestation of Systemic Disease. The Diabetic Foot. Foot Infections. Podiatric Biomechanics and Orthopedics. Sports Medicine. Pedal Nail and Skin Problems. Podiatric Peripheral Vascular Diseases. Podiatric Rheumatology. Geriatric Assessment.



Introduction to Podopediatrics, 2nd edition

ISBN 0443062080 · Churchill Livingstone · Published July 2001

Hardback · 408 Pages · 280 Illustrations

Edited by **Peter Thomson**, BSc, DPodM, MChS, Senior Paediatric Podiatrist, File Primary Care, NHS Trust, Dunfermline; Private Practitioner, Dunfermline, UK; and **Russell G. Volpe**, DPM, Professor and Chairman, Department of Pediatrics, New York College of Podiatric Medicine, New York, NY

Introduction to Podopaediatrics 2/e is a concise but comprehensive introduction to the effective care of foot problems in children. Including coverage of the general specialist and medical conditions which may influence the course of the podiatric treatment. Written by a multidisciplinary international team of contributors under the editorship of a UK practitioner and an American educator and practitioner both podiatrists.

Features

Little else on this topic is available
Written by a leading transatlantic team of experts
Addresses a core part of the podiatrists case load
Comprehensive and up-to-date
Written at a level appealing to both students and practitioners
Concise and well-illustrated

Contents

Section 1:

Psychological considerations in the child patient
Growth and development
History-taking and the physical examination
Paediatric gait

Section 2:

General medicine and diabetes
Rheumatic diseases of childhood and adolescence
Paediatric neurology
Cutaneous diseases in childhood

Section 3:

Radiological examination of the child's foot
Orthopaedic conditions affecting the foot in childhood
Torsional and frontal plane conditions of the lower extremity
Developmental flatfoot.

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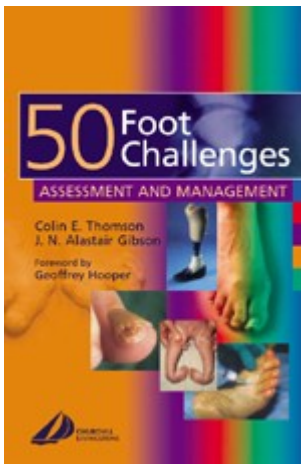
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Section 4:

Physical therapy
Serial casting
Orthotic management
Sports injuries.

APPENDICES

Appendix 1 Special investigations
Appendix 2 Examples of recognised human teratogens
Appendix 3 Autosomal dominant disorders
Appendix 4 Autosomal recessive disorders
Appendix 5 X-linked disorders
Appendix 6 Developmental milestones



50 Foot Challenges

Assessment and Management

ISBN 0443064954 · Churchill Livingstone · Published May 2002
Paperback · 296 Pages

By **Colin Thomson**, BSc(Hons), MChS, SRCh

This much-needed, full-colour guide to foot conditions covers common pathologies with references to treatments. Introducing the reader to the clinical assessment process, this highly illustrated resource focuses on the conditions most frequently encountered in practice. Its easy-to-use format features a case study approach, with illustrations and a synoptic introduction describing each condition presented. Every case also includes questions relating to the evidence shown in the photographs and x-rays that aim to test the reader's knowledge of the relevant treatment and the pathology. Explanatory answers expand on the information already presented.

Reviews

"...this book fills a much needed gap in the market. All the case histories are well structured, well illustrated and also come with invaluable 'further readin' references. The layout of the book makes it an ideal quick reference text which is relatively inexpensive." *Dr N. Padhiar*, Physical Therapy in Sport

Features

This unique text provides a much-needed, full-color guide to podiatry
A quick clinical reference and a useful self-assessment tool, it encourages learning by reasoning
It addresses clinical assessment - a crucial area of learning
Quality, full-colour photographs provide examples of conditions that readers may not have viewed first hand, but will be expected to treat in practice
An attractive presentation tailors the layout to the content.

Contents

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Section 1: Orthopedic

Etiology of hallux rigidus. Freiberg's infraction. Hammer toe. Polydactyly and macrodactyly. Etiology of hallux valgus. Plantar heel pain syndrome. Achilles tendon bursitis. Surgery of hallux rigidus. Metatarsalgia. Ganglion. Surgery of hallux valgus. Plantar fibromatosis

Section 2: Dermatology

Venous ulceration. Plantar pustulosis/dermatosis. Fungal foot infections. Ingrowing toenails. Subungual exostosis. Viral warts. Pitted keratolysis. Chilblains

Section 3: Pediatric

Congenital talipes equinovarus. Flat foot. Claw toe and adductus quinti digiti. Metatarsus adductus. Talocalcaneal synostosis. Congenital metatarsal anomalies

Section 4: The "at risk" foot

Melanoma. Osteomyelitis. Ischemic toe. Chondrosarcoma of the great toe. Frostbite. Subcutaneous infection. Septic arthritis

Section 5: Rheumatology

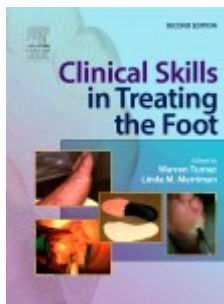
Diagnosis of rheumatoid arthritis. Gout. Reiter's syndrome. Psoriatic arthritis. Therapy for rheumatoid arthritis

Section 6: Neurology

Morton's neuroma. Poliomyelitis. Diabetic neuropathic ulcer. Peroneal muscular atrophy

Section 7: Trauma

Fracture of the calcaneus. Fracture dislocations of the talus. Shin splints. Chronic rupture of Achilles tendon. Tibialis posterior rupture. Fracture dislocations of the tarsometatarsal joints. Sesamoiditis. Osteochondral lesions of the talus.



Clinical Skills in Treating the Foot, 2nd edition

ISBN 0443071136 · Churchill Livingstone · Published August 2005

Paperback · 496 Pages · 409 Illustrations

By **Warren Turner**, BSc(Hons), DpodM, Head of School, Podiatry Department, University College Northampton, Park Campus, Northampton; and **Linda M. Merriman**, MPhil, DPodM, MCHS Cert, Associate Dean Postgraduate & External Affairs, School of Health & Social Sciences, Coventry University, Coventry, UK

A textbook for podiatry students and others which looks at the treatment options for foot problems, how the appropriate selections should be made and how they should be incorporated into the management of the affected patient. The text is in 3 main sections: the essential principles of managing foot disorders; methods for managing foot conditions; and the management of specific client groups.

Features

Edited by two highly respected teachers who are also experienced clinicians

Written by an experienced team of clinicians who also understand the needs of students as well as practitioners

Logical and clear text structure make it easy to use for both clinical reference and student revision.

Each chapter is self-contained and can be used for independent reading topics

Case histories and clinical comment sections are used to illustrate specific clinical points

Key points and summaries provides assistance for learning and revision

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Well illustrated with nearly 300 illustrations

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ELSEVIER; Butterworth & Heinemann, Churchill & Livingstone, Mosby, Saunders

What's New

Half of the contributors are new - more experienced clinicians than those used for the previous edition

New chapter by new author on Clinical Governance (replacing old chapter of Audit and Outcome Measurement)

Major revision by new authors of chapter on Treatment Planning to reflect new developments and changes in practice

Completely rewritten chapter by new authors on Clinical protocols

Major revision by new author of the chapter on Foot health education and promotion

Major rewrite with new author of the chapter on Pharmacology which will have expanded sections on topical and injected steroids and prescription medicines.

Major revision by new authors of the chapter on Physical therapy

New section on chairside devices in the chapter on Mechanical therapeutics in the clinic (new authors involved)

Chapter on Prescription orthoses now replaced with new chapter by new authors on Prescription devices..

Major rewrite by new author of the chapter on sports injuries

New chapter on Managing tissue viability replaces the old chapter on the Management of foot ulcers and now incorporates the material previously covered in old appendices 1 and 2 on Management of exudation in ulcers and Footcare advice for people with diabetes.

Contents

Section 1 Essential Principles of Management

1. Treatment Planning
2. Evidence Based Practice and Clinical Governance
3. Clinical Protocols
4. Clinical Emergencies
5. Health and Health Promotion

Section 2 Methods of Managing Foot Conditions

6. Operative Techniques
7. Surgery and the Foot
8. Pharmacology
9. Physical Therapy
10. Mechanical Therapy
11. Mechanical Therapeutics in the Clinic
12. Prescription Orthoses
13. Footwear Therapy

Section 3 Managing Specific Client Groups

14. The Adult Foot
15. The Child's Foot
16. Management of the Sports Patient
17. Management of Tissue Viability