Human Anatomy
Multimedial Interactive Atlas

Giuseppe Anastasi, Carlo Tacchetti (eds)

Multilingual edition - Three volumes 23 x 31 cm - Paperback
Richly illustrated in colour
ISBN 978-88-7051-393-6 - Price € 120,00

“Human Anatomy - Multimedial Interactive Atlas” is made of a paper support and a web platform (Virtual Campus), combining an innovative learning strategy for anatomy based on a precise representation of the anatomical structures and virtual spaces in the live human.

The Paper Atlas follows a regional and topographic approach. Each illustrated chapter provides:
• Anatomical drawings masterfully made with a high educational impact
• Stratigraphic sequences to reconstruct the organization of anatomical regions
• Realistic 2D and 3D rendering from CT or MR imaging exams
• Photographs of laparoscopic and endoscopic exams
• Clear legends, summary tables and schemes to facilitate learning
• Recall icons to web platform contents.

The web platform Virtual Campus, so innovative in the Anatomy Atlas world, displays a rich collection of didactic material content:
• A complete course of Topographic Anatomy offers guided tracks through specific resources;
• 3D interactive reconstruction of organs or anatomical regions from CT or RM exams;
• Commented laparoscopy and endoscopy videos;
• Commented dissection movies;
• Interactive stratigraphic animations;
• MyAtlas area.

Human Anatomy - Atlas

Giuseppe Anastasi, Eugenio Gaudio, Carlo Tacchetti (eds)

Multilingual edition - Volumes 22 x 28 cm - Paperback
Pages 920 - Richly illustrated in colour
ISBN 978-88-7051-458-2 - Price € 50,00

available language
coming soon
Comparative Anatomy

Vincenzo Stingo (ed)

Italian edition - Volume 22 x 28 cm - Paperback - Page 888 - Richly illustrated in colour
ISBN 978-88-7051-526-8 - Price € 57.00

Comparative anatomy: searching for a common ancestor. The primary objective of comparative anatomical studies is the reconstruction of phylogenetics and informative characters of a common descent. This innovative book constitutes a tool to acquire knowledge on descriptive and functional morphology and to evaluate the main evolutionary steps for the different systems: i.e., form, function and evolution.

Distinctive features make this volume a unique text in the publishing scene:
• Simple and precise language;
• In-depth but straightforward explanations;
• Highly explicative images, made specifically for this volume;
• Updated scientific knowledge: chapters dedicated to immunology, evolutionary developmental biology (Evo-Devo), population genetics and human evolution, which up to now have never been included in this kind of books, here find their place together with more classical chapters on organ systems, which are described taking into consideration the most recent studies.

The book is completed by valuable tools for each chapter: objectives, summary, columns with cross references to related topics, supplementary information boxes and suggested readings, equipped with an extensive glossary.

Functional Anatomy and Imaging

Locomotor system

Manrico Morroni

Italian edition - Volume 22 x 28 cm - Paperback
Pages 400 - Richly illustrated in colour

“Functional Anatomy and Imaging. Locomotor System” is a text that connects the contents of the anatomy to the kinesiology, namely the science that study the rational human movement in all of his forms.

The approach to the presentation of the osteology, the arthrology and the myology is propaedeutic to the study of the kinesiology: hence, the anatomical description and the analysis of the movements associated.

In order to emphasize the importance of solid anatomical bases in the clinical practice, short clinical references have been inserted and bioimaging (computed tomography and magnetic resonance imaging) with high teaching quality, concerning certain regions of the locomotor system, have been used.

Treatise on Human Anatomy

4th edition

Giuseppe Anastasi et al.

Italian edition - Three volumes 21 x 29.7 cm - Hardcover, silk cover
Pages 1616 - Black and white and full colour illustrations

This treatise, aimed at the medical students at the start of their studies, presents the “discipline” (which is absolutely “fundamental” to a physician’s cultural and professional training) in its entirety, without gratuitous omissions and arbitrary simplifications. The Treatise is the irreplaceable reference source to which everybody, both at university and during professional activity, can keep on returning in order check facts, compare notes and increase his/her store of knowledge. This is why this work, now in its fourth edition, is constantly improved and updated, both in the content and in the graphic layout with the addition of new illustrations, thereby retaining its truly original style.
Human Anatomy

2nd edition

Glaucio Ambrosi et al.

Italian edition - Volume 19.5 x 26.5 cm - Hardcover - Pages 672
600 black and white and full colour illustrations - ISBN 88-7051-288-6 - Price € 45,00

The rigorously scientific presentation of the contents, the modern graphics and the wealth of illustrations make this volume a complete reference work for study and consultation, designed in particular to meet the needs of students doing degree courses in biological and health-related disciplines. An introductory part covering the general organisation of the human body is followed by a descriptive anatomy part, characterised by the traditional subdivision into apparatuses and systems, crucial to fully acquaint the reader with all the aspects of basic anatomy and to provide the broadest possible overview of the human body. The regional anatomy section examines in depth the different parts of the human body, while the part devoted to the general principles of movement looks at the anatomical bases, joint and muscle dynamics and characteristics of muscle work. The fifth and final part (embryology and organogenesis) is crucial to gaining a full understanding of how organs and apparatuses develop during the embryonic and foetal period.

Microscopic Anatomy - Atlas

Manrico Morroni

Italian edition - Volume 21 x 29.7 cm - Paperback - Page 592 - Richly illustrated in colour
ISBN 978-88-7051-388-2 - Price € 57.00

The study of microscopic anatomy requires an in-depth knowledge and assiduous work with histological preparations: one must know how to interpret and recognise what is being seen with the microscope, while learning how to differentiate one organ from another despite their similar organisation (differential diagnosis). The objectives of the Atlas of Microscopic Anatomy are: to reproduce the laboratory experience, each structure presented on a single plane at different magnifications of optical and electron microscopy; to allow for simple and immediate reference, with accompanying tables and text on the adjacent pages. The structure or organ treated is clearly identified: the origin of the section, the type of staining and microscope (electronic, transmission, scanning).

The morphology and organisation of the organ (or tissue) are described, references to biology and physiology are included to highlight the relationship between form and function. Tables and concise summaries are used to describe the criteria for differential diagnosis.

The richness and quality of microscopic images are provided by more than 600 drawings, original colour photomicrographs and electron micrographs of human tissues (95% of the images were taken of sections of human organs, many of which are rare and difficult to obtain). This allows to have a fast and clear shift from a detailed view at a low magnification to that of a higher magnification, typical of electron microscopy. From an overview to a zoomed cell image to highlight its organular pattern with descriptive and clarifying texts.

The web platform Virtual Campus, an innovation in the world of microscopic anatomy atlases, assembles a rich assortment of educational materials:

• interactive presentations about microscopic anatomy;
• videos with commentary;
• online lectures and workshops;
• self-assessment tests.
Admission Tests

For Specialties in Medicine

Various Authors

Italian edition - Volume 17 x 24 cm - Paperback - Pages 784
ISBN 978-88-7051-412-4 - Price € 45,00

A collection of over 6400 unedited quizzes covering general and specialized medical topics is contained in the print book and in its accompanying online content (more than 2500 in the print book and more than 3900 online). The questions cover all disciplines related to the areas of medicine, surgery and clinical services, and are based on daily practice, on international guidelines and on the most authoritative and modern texts; 50% of the questions regard clinical cases.

The approach to the arguments covered is reasoned - not simply mnemonic - and the responses are commented with brief yet comprehensive explanations (key points).

In Italy this book is used for preparation for the Examination for Admission into the Specialty Schools of Medicine and Surgery.

Medical Biology-Cytology

Nadir M. Maraldi, Carlo Tacchetti (eds)

Italian edition - Volume 22 x 28 cm - Paperback - Pages 576 - Richly illustrated in colour

Medical Biology-Cytology is a modern text mainly oriented towards the “medical” aspect, in order to provide students with tools to understand the subject and a study model they can apply to other disciplines during their medical education.

The volume has been divided into blocks of educational material:
• Text and figures – essential topics;
• In-depth analysis with figures – supplementary topics;
• Areas of clinical biology;
• Additional contents in the Virtual Campus web area – multimedia supplementary material.

Each chapter is introduced by a paragraph on Prerequisites, that is, the basic knowledge necessary for a correct framing of the discussed topics, a paragraph on Study Objectives and a Summary of the topic, and is concluded by Key Concepts relative to the topics examined.

Topics have been organized considering the main phenomena involved in different cellular functions (Flows of matter, Flows of energy, Flows of information) and how evolution and organogenetic processes (Organization of specialized phenotype) affect the cellular phenotype to allow the formation of tissues, organs and systems.

The web platform – Virtual Campus – includes a rich catalogue of educational material. To browse through these resources, students can take advantage of guided interactive courses presented in a lesson format.

See also
Medical Histology
What is the cause of biodiversity?

The answer lies in the concept of multilevel and hierarchical organisation by which shared components are associated to form stable structures of ever-increasing size and complexity, whose properties cannot be deduced through the study of the single components.

In the human body, for example, the association of macromolecules results in the formation of subcellular organelles, which, in turn, join to give rise to cells. The association of cells gives rise to tissues, whose assembly results in the creation of organs. Our body is thus a multilevel, hierarchical system, or rather an association of subsystems within a system.

The subdivision into two sections – cell biology and tissue biology – and the graphics used make this text a useful and flexible study aid. It complies with the new teaching requirements in several spheres of university study – biotechnology, biological sciences and environmental sciences – where the approach to and the space devoted to the study of cell biology and tissue biology can vary.

The web platform Virtual Campus represents a breakthrough in field of Cytology and Histology texts and presents a rich catalogue of interactive educational materials. To navigate through these resources, students can take advantage of guided and interactive courses presented in a lesson format. The platform’s contents include:

- interactive views of histological slides using a virtual microscope;
- commented videos;
- online lectures and workshops;
- predefined evaluation tests and self-assessments.

The key strength of this General and Inorganic Chemistry is its practical approach addressed to scientific courses students. Topics are structured according to the traditional method including atoms, gases, solutions, chemical thermodynamics and kinetics and electrochemistry. A single limited section is dedicated to the Organic Chemistry basis.

A number of practical examples, solved tests and special insights helps to better understand and learn the modern aspects of this discipline offering a practical vision that encourages the student to appreciate this wonderful science.

Digital contents of Virtual Campus offer a wide opportunity both for professors and for students. Professors can access to all the images in electronic format and benefit from a large number of exercises for preparing tests each time different from the previous ones.

Guided-solution tests, videos, labs, online lectures represent an unavoidable constantly updated chance for learning and improving student’s knowledge.
General and Inorganic Chemistry

Maurizio Speranza (ed)
Italian edition - Volume 21 x 28 cm – Paperback - Pages 856 - Richly illustrated in colour
ISBN 978-88-7051-336-3 - Price € 49,00

This book is addressed to students who plan to pursue degree courses of various scientific disciplines, including one or more courses on General and Inorganic Chemistry. Its primary goal is promoting to new generations a correct notion of Chemistry, highlighting how this science improves the quality of our life. To achieve this objective the text is structured from a specific learning plan: for each topic, the students acquire basic concepts through a study of the text book and can then complete and deepen their understanding through a wide selection of different media available on the Virtual Campus platform which interactively ensure the correct acquisition of said concepts. The material presented in the text, which is both dense and complex, is particularly flexible and modulable according to different needs; additionally, the use of examples and exercises provides students with a better understanding of the material. The in-depth sections are intended for teachers, who therein shall find the key elements of the main text, as well as for students interested in raising their level of preparation.

Essential Organic Chemistry

Bruno Botta (ed)
Italian edition - Volume 21 x 28 cm - Paperback - Pages 576 - Richly illustrated in colour
ISBN 978-88-7051-354-7 - Price € 45.00

“Essential organic chemistry” deals with the main topics of organic chemistry in a simple and clear way by accompanying the student’s learning of the discipline through a precise path, facilitated by the insertion of specific deepening frameworks and numerous exercises. The most important definitions are summarized by key concepts listed at the side of the text and a large set of images, drawings and graphics enriches it. The novelty of the work also lies in its virtual content (Virtual Campus) for the student and for the teacher.

“Essential organic chemistry” relies on the experience acquired from a wider volume and seeks to provide students with a compact tool for the study of the matter. To achieve this goal, the Authors have made an effort of synthesis by focusing on what is essential for the student who intends to acquire sustainable knowledge of the matter: general aspects and fundamentals of reactivity in organic chemistry, IUPAC nomenclature, chemical and physical properties and chemical reactivity of each particular class.

Organic Chemistry

2nd edition
Bruno Botta (ed)
Italian edition - Volume 21 x 28 cm - Paperback - Pages 1024 - Richly illustrated in colour - Price € 49,00

This new edition of Organic Chemistry benefits from advices and didactical experience of the previous edition. Topics are structured according to the traditional classification of compounds, including IUPAC nomenclature, chemical-physical properties and chemical reactivity.

Although maintaining the same general organization, the second edition has been improved in contents, legibility and topics presentation. Thus mechanisms are illustrated and supplied with different stages: easily identifiable are now organized in different frames that help to differentiate them from the text. Also the electronic transfer arrows help to rationalize and to predict reaction’s evolution.

Moreover, particular emphasis has been given to molecular modeling and to electrostatic potential maps. More than solved 400 tests are proposed.

Digital contents of Virtual Campus offer a wide opportunity both for professors and for students. Professors can access to all the images in electronic format and benefit from a large number of exercises for preparing tests each time different from the previous ones.

Guided-solution tests, videos, molecular modeling programs, online lectures represent an unavoidable constantly updated chance for learning and improving student’s knowledge.
Atlas of Nasal Cytology

for the Differential Diagnosis of Nasal Diseases

Matteo Gelardi

Volume 21 x 29.7 cm - Hardcover - Pages 212 - Richly illustrated in colour
Price € 60.00

Although nasal cytology is still a little used diagnostic approach, it has often proved to be decisive: it makes it possible to distinguish between different forms of rhinopathy – inflammatory from infectious, allergic from non-allergic vasomotor, and bacterial from viral and fungal forms, as well as to diagnose the presence, in the same patient, of various “overlapping” forms. It is also important to consider other important aspects that make cytology a practical diagnostic method, accessible to all rhinoallergology services: the simplicity and low invasiveness of the technique. This book fills a gap given that, to date, there have been no textbooks or atlases dealing with this specific topic. It sets out to contribute to acquisition of the theoretical bases of modern cytology and the correct methodological approach, as well as to improve recognition and interpretation of the cytological changes that take place in the various diseases.

Potential readers - Otolaryngologists, allergologists, pneumologists, paediatricians.

Medical Histology

Nadir Maraldi – Carlo Tacchetti (eds)

Italian edition - Volume 22 x 28 cm - Paperback - Pages 704 - Richly illustrated in colour

Medical Histology is a modern text mainly oriented towards the “medical” aspect, in order to provide students with tools to frame the subject in the context of preclinical disciplines. The text comprises experimentally acquired data, with mechanistic models that have proven validity and contribute to the understanding of physiopathological processes. The objective is to offer a study model for a complex subject, which students can apply to other disciplines during their medical education.

The volume has been divided into blocks of educational material:
• Text and figures – essential topics;
• In-depth analysis with figures – supplementary topics;
• Areas of clinical histology – physiopathological correlations;
• Additional contents in the Virtual Campus web area – multimedia supplementary material.

Each chapter is introduced by a paragraph on Prerequisites, that is, the basic knowledge necessary for a correct framing of the discussed topics, a paragraph on Study Objectives and a Summary of the topic, and is concluded by Key Concepts relative to the topics examined.

Topics have been developed highlighting the differentiation mechanisms that allow, both in embryonic and adult life, the turnover and integration of stem cell elements within functionally specialized populations. The book specifically focuses on the biomechanical properties of tissues and, considering their increasing usage, the characteristics of different populations of adult stem cells, also in association with biomaterials, in regenerative medicine.

The web platform – Virtual Campus – includes a rich catalogue of educational material. To browse through these resources, students can take advantage of guided interactive courses presented in a lesson format.

The platform’s contents comprise:
• Interactive views of histological slides
• using a virtual microscope
• Commentated videos
• Online courses and laboratories
• Predefined evaluation and self-assessment tests.

See also
Medical Biology-Cytology
Musculoskeletal Ultrasound in Physical and Rehabilitation Medicine

Levent Özçakar, Martine De Muynck (eds)

In recent years, musculoskeletal ultrasound (MSUS) has achieved an important role not only in clinical applications (for diagnosis and management of various musculoskeletal disorders), but also in research, due to its several advantages (being convenient, inexpensive, non-invasive, repeatable, providing high-resolution dynamic and comparative imaging, and not requiring any exposure to radiation). As such, MSUS has increasingly become a valuable tool in the daily clinical practice of Physical and Rehabilitation Medicine physicians, and where used in a rehabilitation setting, it can significantly contribute to the diagnostic and therapeutic algorithm of rehabilitation patients. For these reasons, the MSUS probe can be now thought of as synonymous with the physician’s stethoscope. Additionally, scanning is quite comfortable, and sometimes even more reassuring for the patient than the physician: “seeing is believing”. In this book, aside from drawing attention to the growing issues in the agenda of PRM physicians using MSUS, the authors also discuss basic technical features of the technique, and focus on the both diagnostic and interventional utility of MSUS in different health conditions involving muscles, tendons, nerves, and joint lesions.

Potential readers - Physiatrists, physiotherapists.

Sonographic Atlas for Common Musculoskeletal Pathologies

Levent Özçakar (ed)

The book “Sonographic Atlas for Common Musculoskeletal Pathologies” represents the second output of the same project that has produced “Musculoskeletal Ultrasound in Physical and Rehabilitation Medicine”.

Musculoskeletal ultrasound is user-dependent, thus it strongly needs training with a mentor and ‘maintenance’ education. Accordingly, the main purpose of this second book is to provide plenty of examples concerning the most commonly scanned musculoskeletal pathologies, and thus to fill the gap of long-term supervised education.

The sections of the book are organized as regions in an anatomy atlas, i.e. starting from head and neck down to ankle and foot. In each section, the subsections are arranged in accordance with the anatomical structures. There are 500 images and 20 related videos, and the text is based mainly on the long figure legends, which also include clinical/physical examination findings. Importantly, while reading the book, you will see parts referred as “Expert Note” at the bottom of many pages. These comments are, for sure, the most distinguishing part of the book, because they provide valuable, practical explanations, making the readers feel as if they are revising and discussing that particular US image with an expert sitting next to them.

Potential readers - Physiatrists, physiotherapists.

Neurology Book

Neurological Anatomy, Physiology and Semiology

Lorenzo Pinessi, Salvatore Gentile, Innocenzo Rainero

Neurology Book contains the basic knowledge (semiotics, neuroanatomy and neurophysiology) without which it is impossible and hazardous to attempt to learn and practice clinical neurology. Neurology is a complex discipline. After all, the brain, being enclosed in the cranium, cannot be examined directly. And yet neurologists can, through clinical examination alone, detect a cerebral or spinal lesion, identifying its site with millimetre precision. Neurological semiology is a vast discipline based on knowledge of the signs and/or symptoms of the different diseases of the nervous system. The diagnosis of a neurological disorder is a process of logical deduction based on the history and neurological examination, as well as the instrumental investigations that may be necessary in order to confirm or refute the diagnostic hypothesis. The distinctive feature of this book is that it is bilingual – Italian text on the left hand page and English on the right. This allows Italian students, now used to using English, to strengthen their knowledge of language and the specific neurological terminology. Instead, for the foreign student doing a course in Italy, this book provides an account of “the Italian way to neurology” directly in the world’s most widely spoken language.
Neurology Book

Lorenzo Pinessi, Salvatore Gentile, Innocenzo Rainero

Italian edition - Volume 19.5 x 26 cm - Paperback - Pages 688
Richly illustrated two colours - ISBN 978-88-7051-488-9 - Price € 65.00

Neurology Book systematically investigates neurological diseases knowledge. Aware of the importance of “signs” in neurology, the Authors emphasize the clinical aspects of diseases, correlating them, in a holistic Hippocratic vision, with anatomo-physiological, neuropathological, neuroradiological, neurochemical, and molecular genetic aspects.

The volume analyzes neurological pathologies: the Authors’ didactic-scientific experience and fieldwork (hospitals, emergency rooms, surgeries) have allowed the selection of the most relevant and salient information for clinical practice, giving a very pragmatic touch to the topics dealt with. In particular, a wide ichnographic material supports the clarity of style, leitmotif of the entire book. It is thus possible to answer fundamental questions for a physician who is treating a neurological patient: is there a neurological disease, where is the lesion and which disease are we dealing with?

Obstetrics and Neonatology Handbook

Salvatore Felis, Stefano Parmigiani (eds)

Italian edition - Volume 19.5 x 26 cm, Paperback - Pages 576 - Illustrated
ISBN 978-88-7051-530-5 - Price € 60.00

In the delivery room, various healthcare professionals work together aiming at a common goal: the best obstetric and neonatal care and the relative well being of mother and newborn, ensuring the birth of a healthy child for a healthy woman. Based on the contribution of different specialists, the book illustrates the current medical and obstetric practice in birth centers with a clear, scientific and educational approach.

Integrating obstetrics aspects and neonatology – an essential procedure to quickly identify and effectively deal with any contingency – the book represents a comprehensive text where each topic is explained in a concise but accurate and substantiated style, with detailed images and figures made specifically for this volume.

The anatomy of the pelvis, mechanisms of labor and new obstetric and perinatal medicine techniques – obstetric ultrasonography, prenatal diagnostics, neonatal intensive care... – are described in order to explain the most effective practice for childbirth and newborn care, both in low-risk and high-risk cases.

This handbook aims at providing a simple and updated tool for different professionals in birth centers.

Potential readers - Physicians in Obstetrics, Gynecology, Neonatology, Pediatrics; Obstetricians; Nurses; Psychologists; Health and social care professionals.

Articular and Extra-articular Infiltrations

Giuseppe Ridulfo

Italian edition - Volume 21 x 27 cm, Paperback - Pages 528 - Illustrated
ISBN 978-88-7051-530-5 - Price € 60.00

The nonsurgical orthopedic lesions are the most frequent causes of human body suffering. The volume Articular and Extra-articular Infiltrations – Techniques describes with great clarity over one hundred infiltration techniques useful to effectively treat patients suffering from periarticular soft tissue lesions and joint lesions.

• Infiltration techniques: indications, drugs, materials, number of sessions and implementing rules are specified.
• Basic anatomy: the main joints are widely described and illustrated in detailed anatomical tables.
• Topographic and palpation anatomy: specific boxes of in-depth analysis to identify and palpate the anatomical structures.
• Tests of functional evaluation: information sheets that explain the implementation and the interpretations of the tests.

A dedicated web area - Learning On Cloud – completes the book: 100 commented videos related to the evaluation tests and infiltration practices.
Postural control. The nervous system, via its central and peripheral structures, learns and governs the body. This volume introduces the reader to new concepts characteristic of overall functional therapy, useful in providing a means for understanding biomechanical dysfunction. The book is addressed not only to all students and graduates of osteopathy, but also to physical therapists and expert physicians in the manual therapies seeking an innovative approach and a very effective means for identifying and treating somatic dysfunctions, both structural and visceral, to the full benefit of the patient's well-being.

The volume is enriched by a video section dedicated to procedures for regulating dysfunctions based on the osteopathic treatment of the Dynamic Functional Biomechanics method (cervical and thoracic spine).

Potential readers - Osteopaths, physiotherapists, manual therapy specialists.

Football injuries: is it possible to prevent them and how?

Football injury prevention has become a subject of great interest among experts in the field: what can we assert from a scientific standpoint about this discussed and controversial issue? The so-called preventative strategy can be based on solid scientific background or is it only an unfounded practice? This book includes the clear and documented answers on the "world of prevention". Eighteen chapters describe theoretical and practical aspects of prevention, starting from an in-depth analysis of the current literature on the topic. Evidences, expert suggestions and fieldworks are tackled to illustrate what to expect from football injury prevention.

- Football: typical injuries
- Ideal organization of the healthcare staff in a professional football team
- Most effective preventative plans and strategies
- Strategies and means of recovery
- Work sheets with specific prevention exercises

Potential readers - Sport physicians, orthopedics, rehabilitation specialists, athletic trainers, physiotherapists, coaches.

Intelligence in Motion

Perception, Self-awareness, Postural Control

Human movement is not simply a product of force or the ability to resist it. It is not limited to the tension of muscles or stress on the skeleton. Rather, it is expressed firstly as a process of the brain, a personal decision, or an expression of motor intelligence, manifested through the greatest synergy, perfect equilibrium, and a functional attitude. It is fundamental to discover the mechanisms with which the nervous system, via its central and peripheral structures, learns and governs movement.

The text expands upon the neurophysiological aspects that regulate movement, explores the state-of-the-art, and examines the most interesting methodologies, including those in the technological realm. Then, decidedly practical arguments are developed by way of proposed didactic sequences (450 illustrated exercises) aimed at specific objectives of perception, self-awareness, and postural control through a range of intermediate recommendations involving motor abilities, with the overall result of reeducating or training joint movement, stability, and strength without overlooking neuromotor and postural control. Rich examples of procedural variables are illustrated and often translatable to daily or sport-related actions.

The volume is enriched by a video section (49 videos) dedicated to experiential anatomy, useful for the proper learning of perceptual experience.

Potential readers - Motor science graduates, physiotherapists, posturologists.
Keep Moving to Counter the Passing of Time

*Motor Activity for Older People: Theory, Methodology and Teaching*

Katia Francesconi, Giovanni Gandini

Italian edition - Volume 19.5 x 26 cm - Hardcover - Pages 352 - Richly illustrated in full colour
ISBN 978-88-7051-301-1 - Price € 55,00

In older people, the right amount of regular physical activity helps to keep the functions working efficiently and to delay the onset of the negative effects of time. It is a question of radically altering lifestyles and creating a new culture in which movement is once again seen as an integral part of life. “Keep Moving to Counter the Passing of Time” provides a programmatic framework: the volume sets out the correct approach to motor activity in older people, considering theoretical, methodological and teaching aspects. How and why we counter the effects of time: the book contains over 700 exercise ideas for achieving psychosocial objectives aimed at putting the body once more at the centre of our relations with others, psychomotor objectives aimed at consolidating our understanding of our own bodies, and physiological objectives to optimize movement, rendering it efficient and economical.

**Potential readers** - Motor sciences graduates, physiotherapists, health care workers.

Physical Activity and Mental Health

*A Practice-Oriented Approach*

Michel Probst - Attilio Carraro (eds)

English edition - Volume 19.5 x 26 cm - Paperback - Pages 240
ISBN 978-88-7051-386-8 - Price € 27,00

The aim of this book is to offer clear information and practical recommendations to organize exercise programs oriented to improve the quality of life of people with mental health problems. Twenty-six authors, coming from thirteen Universities and clinic Institutions in eight different countries, offered their contribution to discuss:

- the rationale for physical activity and mental health
- the role of physical activity and exercise in the approach of mental health problems (stress, alcohol dependence, schizophrenia, anxiety, depression, eating disorders, obesity, ADHD, conduct disorders in adolescents, intellectual disability, elderly people)
- the characteristics of instruments
- the activities organized for people with mental disabilities by some Sport Federations and Organizations in Europe.

**Potential readers** - Rehabilitation specialists, physiotherapists, motor science graduates.

Human Locomotion

on Land, in Water and in Air

*Facts and Theories*

Pietro Enrico di Prampero

Italian edition - Volume 21 x 29.7 cm - Paperback - Pages 224 - Richly illustrated in colour
ISBN 978-88-7051-476-6 - Price € 38,00

Thirty years after the first edition, appreciated all around the world and translated also into Japanese, this new edition of professor Pietro E. di Prampero largely follows its track, leaving another fundamental contribution to human locomotion science. In this second edition, besides updating and expanding on several subjects of energetics and biomechanics of human locomotion, new topics are presented: energetic cost of running in acceleration and deceleration, energetic analysis of world records in swimming and flat running, construction of a structure that allows to achieve maximum absolute velocity on human-powered vehicles, analysis of natural gait in patients affected by neurological pathologies, or after hip or knee prosthesis. Whoever is curious about the mechanisms of locomotion finds in this book the essential notions on the extremely fascinating “human machine”: after a close examination of the fundamental biochemical and thermodynamic mechanisms of muscle contraction and energetics of muscle work, according to age and sex, the book discusses human locomotion on land, in water and in air (heel-and-toe walk and running, speed skating and cycling; swimming, rowing, canoeing, kayaking, gondola and bissa; human-powered flying).
Medical Physiology - vol.s 1 and 2
2nd edition

Fiorenzo Conti (ed)
Italian edition - Two volumes 21 x 29.7 cm - Hardcover

The warm reception given by students, lecturers and the scientific community to the first edition of Medical Physiology (2005) proved to be a major incentive to make the book even more up-to-date, complete and useful. The general structure of this second edition is exactly the same as the first, whereas important changes have been made to the content of the different sections. These changes are not restricted to updating, rebalancing of topics and improving and updating of figures: in some cases the content of the chapters has been redistributed and re-organised in order to achieve greater clarity, to highlight certain topics or to add new parts; in others, new cases have been added, devoted to extremely interesting areas that have seen major advances in recent years, such as brain plasticity, the physiology of emotions, the biomechanics of locomotion and aging; or to approach other topics, such as arterial circulation and the respiratory system, in a less conventional way.

Physiology
Egidio D’Angelo, Antonio Peres (eds)
Italian edition - Volume 21 x 29.7 cm - Paperback - Pages 800 - Richly illustrated in colour
ISBN 978-88-7051-378-3 - Price € 70.00

The aim of "Physiology", which draws on the experience gained in a larger work, is to offer students a compact reference source for studying the mechanisms underlying the functioning of living beings, particularly in the animal kingdom, focusing particularly on the fundamental processes that constitute the molecular and cellular bases of physiological functions even seemingly remote from one another.

The topics are dealt with in the following order: molecular and cellular bases, and their relative interactions, followed by an exploration of functions and organ systems. This progression from the microscopic to the macroscopic makes it possible to deal initially with a series of elementary processes which are subsequently re-encountered in action, contributing to the realisation of complex physiological functions.

The text is enriched by the dedicated website Virtual campus where it is possible to find numerous detailed and specific studies in different areas: molecular biophysics, comparative physiology, applied research, pathophysiology, history of science. These digital contents – divided into Topics, Labs, Tests, Lectures, Video/Media, Professor’s Area – can be adapted as appropriate, since they also include resources of different types linked to self-assessment tests, useful for evaluating the level of preparation.

Oral Physiology and of the Stomatognathic Apparatus
Diego Manzoni, Eugenio Scarnati
Italian edition - Volume 21 x 29.7 cm - Paperback - Pages 288 - Richly illustrated in colour
ISBN 978-88-7051-259-5 - Price € 60.00

This volume, which approaches the study of issues closely related to the orofacial area through a detailed treatment, aims to provide students with as complete a picture as possible of what happens in the oral cavity.

- **Physiology of the oral cavity**: secretory functions, physiology and defence mechanisms of the intraoral territory, dental eruption, plaque and dental deposits, metabolism of calcium and phosphorous.
- **Sensory aspects of the neurophysiology of the stomatognathic apparatus**: mechanoceptive, nociceptive and thermoceptive sensitivity in the oral and intraoral areas and in the pulp-dentin complex, taste and smell, sensory integration.
- **Motor aspects of the neurophysiology of the stomatognathic apparatus**: the mechanics and control of mastication, trigeminal reflexes, control of mandibular posture, swallowing and the gag reflex, protection of the airways, tongue movements, phonation.
This book covers a specific chapter of integrative physiology, which is usually neglected in physiology textbooks, and which has received little attention in the past as a dedicated subject of publication. Nice deep textbooks of altitude medicine or aviation and space medicine or diving medicine can be found, that cover the needs of highly specialised clinicians and investigators. However, to the best of our knowledge, this is the first time that the subject of human adaptation to special environments is proposed and treated in a comprehensive yet rigorous manner for the sake of a wider audience. The text acknowledges historical contributions, provides up-to-date information, describes separately basic and/or historical notions perhaps less treated than needed in classical textbooks, provides significant bibliographic material for a deeper study of the treated subjects, establishes continuous bridges between practice and physiological knowledge, and highlights special contributions from Italian investigators and institutions.
Clinical Stabilometry

Balance and Posture: Measurement and Evaluation

Riccardo Schiffer

Italian edition - Volume 21 x 27 cm - Paperback - Pages 208 - Richly illustrated in colour
ISBN 978-88-7051-480-3 - Price € 44.00

Stabilometric analysis allows for the evaluation and measurement of balance using a computerized platform: this examination is used for studying a subject’s posture, evaluating the distribution of vertical forces on the plane of support and measuring stability via the precision of postural control and energy used. This volume gives the reader an orientation to the procedures, techniques and protocols specific to this method. It provides an analysis of the balance and posture systems, the applicable principles for formulating an individual’s stability evaluation in erect and seated positions, and guidance for undertaking a fruitful clinical-diagnostic-therapeutic path based on the principles of postural disorders. Included are sections on:
• principal aspects of stabilometric analysis (statics, gravity, barycenter, posture, equilibrium and position)
• how to evaluate patients via postural indicators
• how to carry out the instrumental evaluation in order to implement a proper clinical-diagnostic-therapeutic course for the principal postural disorders
• 18 illustrated and annotated clinical cases, and a rich and original iconographic component.

Potential readers - Physicians specializing in physiatry, orthopedics, neurology, rhinolaryngology, optometry, gnathology, sports medicine, legal medicine and insurance, physical therapists and orthopedic technicians

Lymphatic Drainage

Theory, Basic and Applied Techniques & Decongestive Physiotherapy

Didier Tomson, Christian Schuchhardt

Volume 21 x 27 cm - Hardcover - Pages 384
Richly illustrated (580 figures) - Price € 90.00

Manual lymph drainage is a physikoniesitherapeutic method that offers a range of possible applications: it is designed to assist the body’s natural lymph drainage system, which works through the network of lymph capillaries, the lymphangiones and the main lymphatic vessels. In the first part of the book – The physical treatment of edemas: theory – the reader is given the basic information, anatomical, physiological, pathophysiological and clinical, needed in order to understand the lymphatic system and the pathological processes associated with it, the aim being to provide him or her with the instruments needed to develop an efficient therapeutic strategy. In the second part – The physical treatment of edemas: practice – the reader is provided with a wealth of illustrations, essential for gaining a full understanding of multilayered compression bandaging, decongestive exercises and, of course, manual lymph drainage techniques, and their practical application.

The volume is enriched by a video section – 23 videos – on manual lymph drainage and elastic compression bandaging techniques.

Potential readers - Specialists in rehabilitation medicine, physiotherapists, angiologists, mas-
seurs.

Idiopathic scoliosis

Conservative Treatment with Elastic Bands

Theoretical and Practical Handbook of the Rovatti Method®

Emanuele Rovatti – Marco Rovatti

Volume 21 x 27 cm - Paperback - Pages 144 - Richly illustrated in full colour - Price € 28.00

In the treatment of scoliosis, the Rovatti Method® provides therapeutic rehabilitation professionals with a method, starting from the same theoretical concepts as the Lyon treatment, that encourages active participation from the patient as a subject in the personal process of re-education and self-correction. The Rovatti Method® works with professional-quality elastic bands of different densities and levels of resistance which are capable of “wrapping” and shaping the spine as if they were the hands of a therapist. In this way, the limits of physiotherapeutic or kinesitherapeutic treatments imposed on the therapist-patient relationship can be exceeded. This type of treatment thus makes it possible to treat multiple patients simultaneously. This results in a double advantage: it offers younger patients a corrective method that’s “easier” to accept, while working as a team; the second motivating factor is economic in nature, for those families who are in need of a challenging therapeutic process. In addition the theoretical and practical handbook offers an anthology of exercises (about 80, explained and illustrated) which are essential and characteristic of the Rovatti Method®, exploring the modes of execution, principles, and corrective objectives. The exercises are organised into categories, according to their corrective goals, and offered to patients in relation to the risk of development of their scoliosis.

Potential readers - Rehabilitation specialists, physiotherapists, motor science graduates.
NeuroMuscular Taping

From Theory to Practice

David Blow

Volume 21 x 27 cm - Hardcover - Pages 384 - Richly illustrated in full colour
Price € 90,00

NeuroMuscular taping (NMT) is a technique in which adhesive strips are applied over and around muscles in order to contain and support them and to prevent excessive muscle contraction. Although it may look like traditional bandaging, NMT is based on a different philosophy where the aim is to ensure freedom of movement so that the muscular system can heal itself bio-mechanically.

In fact, this technique, while providing support, guarantees free range of motion and thus allows the individual to carry out any kind of physical activity; at the same time it prevents fatigue and excessive muscle contraction and promotes efficient lymphatic drainage 24 hours a day.

This book sets out the theoretical basis and different methods of NMT: adopting a mainly didactic approach, it analyses, step by step, NMT of different anatomical parts through a series of very detailed and clear colour photographs.

Potential readers - Specialists in physical medicine, rehabilitation specialists, physiotherapists, nurses, orthopaedic technicians, motor sciences graduates, trainers.

NeuroMuscular Taping

Treatment of Edemas, Hematomas, and Scars

David Blow

Volume 21 x 27 cm - Hardcover - Pages 432 - Richly illustrated in full colour
Price € 90,00

The text shows the modes of application and benefits of NeuroMuscular Taping in post-surgical and post-traumatic drainage of edemas and hematomas, as well as in the treatment of scars. An in-depth theoretical section on the lymphatic and circulatory systems supports and enhances the more than 90 practical content cards which, through the use of various images, analytically and thoroughly explain the correct method for applying decompression-lymphatic NeuroMuscular Taping on various parts of the body.

Considerable space is devoted to the techniques for applying NeuroMuscular Taping on edemas, hematomas, and scars, broken down by category and characteristics. Specific cards also illustrate the benefits of combining restricting lymphatic bandages with decompression taping. A detailed look at numerous clinical cases using NeuroMuscular Taping completes the work.

Potential readers - Specialists in physical medicine, rehabilitation specialists, physiotherapists, nurses.

NeuroMuscular Taping

Poster

David Blow

Italian edition - Three posters 50 x 70 cm - Price € 30,00
Functional Bandaging
in Orthopedic and Sports Traumatology

Claudio Zimaglia

Italian edition - Volume 21 x 27 cm - Paperback
Pages 296 - Richly illustrated in colour -
Price € 45,00

The functional treatment of trauma, with regard to immobilization produced by the use of plaster casts, promotes post-traumatic recovery and facilitates the practice of preventive treatments and musculoskeletal rehabilitation. It consists of restraint systems that use partial immobilisation braces or dynamic bandages capable of both protecting the injured motor structures, thereby reducing stress on the compromised area while preserving the normal functionality of the other segments, as well as eliminating the drawbacks of inactivity. The functional bandage, a dynamic restraint offering partial immobilisation capable of supporting and stabilising the various joint components, fully meets any practical needs, particularly in the sporting world. The main object of the functional bandage is the treatment of traumatic injuries with benign spontaneous evolution: the results of muscle injuries from indirect or direct trauma, distortive capsuloligamentous traumatic injuries, as well as tendon damage. The work describes more than seventy different examples of the application of functional bandages with extreme clarity and efficacy, illustrated by over a thousand images. The description of each bandage is accompanied by a detailed indication of the musculoskeletal structure receiving treatment, a clear and concise list of materials used for each technique as well as their characteristics, specific information on their indications for use, in particular in the field of prevention and rehabilitation in the sporting environment, and it is accompanied by extensive sequences of images to illustrate the individual steps used.

Potential readers: Specialists in rehabilitation medicine, orthopaedic specialists, physiotherapists.

Sports Massage & Complementary Techniques

Claudio Zimaglia

Italian edition - Volumes 21 x 27 cm - Hardcover
Pages 384 - Richly illustrated in full colour
Price € 60,00

Sports massage and complementary techniques is a theoretical and practical introduction to the application of basic massage manoeuvres in combination with complementary techniques, such as joint mobilisation, muscle release and myofascial stretching.

After a fascinating look at the history of massage, the book goes on to explore in depth aspects of anatomy, physiology and muscular pathology; the first part ends with a description of different aspects of sports massage: principles, mechanisms of action, properties, indications and techniques.

The second part, highly practical and illustrated with numerous series of photographs, is devoted to applied techniques and it is divided into sections for different body areas: each section covers both basic sports massage techniques and complementary joint mobilisation and stretching techniques.

The volume is enriched by a video section – 54 videos – on massage techniques.

Potential readers - Specialists in physical medicine, orthopaedics specialists, physiotherapists, nurses, masseurs.

Scars: A System of Treatment
Manual Approach

Bruno Davide Bordoni, Emiliano Zanier

Italian edition - Volume 17 x 24 cm - Paperback - Pages 136 - Richly illustrated in colour
Price € 24,00

Scars are the result of the healing process for any wound. In a considerable percentage of cases, they may lead to pathological conditions that cause pain, functional or psychological disturbances, and aesthetic damage, sometimes to a significant degree. Starting from these considerations, the text confronts the treatment of scars from a bodily systems perspective. It is fundamental to know how to manipulate discontinuities of the skin and understand its intrinsic connections.

The book includes professional figures that use their own manual skills to try and resolve the symptoms associated, directly or indirectly, with scars. Professionals will be able to learn numerous techniques for evaluating the different developments of the skin following changes, but above all for using effective treatments.

Potential readers - Physiotherapists, manual physical therapy specialists.
Female Urinary Incontinence

Donatella Giraudo, Gianfranco Lamberti

Italian edition - Volume 19.5 x 26 cm - Paperback - Pages 160 - Illustrated in full color
ISBN 978-88-7051-303-5 - Price € 39,00

Urinary incontinence is a disorder associated not only with embarrassment and a sense of shame, but also with a general lack of information and a reluctance to seek medical help.

This book focuses on the main form of incontinence, i.e. non-neurogenic stress incontinence, a disorder frequently observed in women. It covers the main approaches to assessment and rehabilitation, particularly clinical assessment with a view to the development of an effective rehabilitation programme. The book is richly illustrated and has numerous flowcharts which clarify the approach. Kinesitherapy should be regarded as the most important means at the disposal of the rehabilitation therapist. This is an approach that, in respect of the different and complex synergies between organs, systems and functions, demands the use of truly global therapeutic exercise. Kinesitherapy is supported by biofeedback techniques, particularly telemetric procedures, for the evaluation and treatment of functions in the context of daily life. Finally, the real significance of functional electrical stimulation is assessed.

Potential readers - Specialists in physical medicine, neurologists, gynecologists, physiotherapists, nurses.

Male Urinary Incontinence

Donatella Giraudo, Gianfranco Lamberti

Italian edition - Volume 19.5 x 26 cm - Paperback - Pages 160 - Richly illustrated in colour
ISBN 978-88-7051-402-5 - Price € 25,00

Urinary incontinence is a relevant difficulty for all who suffer from it. The physical unwellness created by the affliction is often accompanied by feelings of embarrassment, as well as by a general lack of information and a reluctance to talk about it with a doctor. In reality, it is important to change perspective: there exists no “syndrome” of incontinence, but rather a person affected by incontinence. In males, the most frequently encountered situation is incontinence following radical prostatectomy. The book, after discussing the anatomical characteristics of the male pelvic-perineal region, focuses in detail on the various phases of a person’s pre- and post-operative rehabilitation progress, beginning with evaluation methods and ending with treatment and rehabilitative exercises. Each of these topics is illustrated by a rich supply of images and flowcharts, which are indispensable for an effective and clear understanding of the method.

The text introduces varied instruments at the disposal of the rehabilitator, including biofeedback and functional electrical stimulation.

The volume is enriched by a video section dedicated to evaluation techniques and rehabilitation exercises (20 videos).

Potential readers - Rehabilitation specialists, urologists, physiotherapists, nurses.

Sitting in a Wheelchair

From the Biomechanics of Posture to the Mechanics of the Equipment

Alberto Lissoni

Italian edition - Volume 19.5 x 26.5 cm - Paperback - Pages 176 - Richly illustrated in colour
ISBN 978-88-7051-402-5 - Price € 25,00

The life of a disabled person entails many hours sitting in a wheelchair. If one is to successfully accept this condition, it is essential that he or she can remain seated for as long and as comfortably as possible, do the things one wants to do, move without impediments, feel less tired in the afternoon, and have less pain in one’s back, shoulders, neck, etc. In this theoretical-practical manual, the Author - a physiatrist with ‘a screwdriver in hand’ who has always strove to seek out practical solutions - summarises his years of experience and teaching on this subject, providing thorough explanations for the various issues in the search for possible answers for people in wheelchairs. The text clearly and comprehensively explains the biomechanical aspects of a “normal” seated position, in light of pathological conditions, and of the mechanics of wheelchairs and their functional units and components, which are affected by problems relating to mobility and means of propulsion. The volume contains schematic iconography of great practical use for clarifying the various topics it addresses, as well as two evaluation cards to guide you in the selection of the most appropriate wheelchair for a particular patient.

Potential readers - Physiatrists, physiotherapists, orthopaedic technicians.
Memo - Kinesiology

Vincenzo Pirola

Memo Kinesiology is a concise yet exhaustive treatise on the topics crucial to a good understanding of human movement: neurophysiology, biomechanics, functional anatomy, the assessment of joints and muscles. The book, which is intended to serve as a small but complete, “encyclopaedia of movement”, is divided into chapters that look, in detail, at the main districts of the human body. The book has over 830 illustrations (diagrams and drawings) of extraordinary quality and clarity; it also contains many tables, an essential bibliography on the topics covered, and an analytical index. In particular, Memo Kinesiology furnishes essential information for assessing the mobility of all the joints and the strength of the main muscles.

Sports Injuries

Clinical Practice and Treatment

Antonella Ferrario, Giovanni Battista Monti, Gian Paolo Jelmoni

This sports injuries handbook is aimed essentially at doctors working “on the field” and at the whole team looking after the athletes, to enable them to understand symptoms rapidly and put in place the correct diagnostic and therapeutic strategies to deal with sports injuries.

The book is divided into sections on the different districts of the body (spine; shoulder; elbow; wrist and hand; pelvis, hip and thigh; knee, leg, ankle and foot), examining the sports pathologies associated with each of them, the aetiopathogenetic mechanisms associated with the different sporting disciplines, immediate diagnosis on the field and instrumental diagnostic procedures to be undertaken in hospital, immediate and definitive therapies, rehabilitation, and criteria governing the athlete’s return to his or her sporting activities.

Potential readers - Orthopaedics specialists, specialists in physical medicine, physiotherapists, trainers.

Aortic Dissection

Patients True Stories and the Innovations that Saved their Lives

Germano Melissano and Roberto Chiesa (eds)

Aortic dissection is an exceptionally complex disease and remains one of the most misdiagnosed diseases across the globe. Therefore, it is more important than ever for physicians to build their knowledge base of this area. Although the aorta is one organ and aortic dissection is one disease, Type A aortic dissection is usually treated by cardiac surgeons, and Type B aortic dissection, by vascular surgeons. The book discusses both types for the benefit of both specialists. Moreover, the book provides a unique glimpse into the lives of the patients who suffer with this disease. In addition to scientific chapters written by the most prominent experts in the field, the book includes stories shared by aortic dissection survivors. The volume contains the most thorough and up-to-date information on this disease and its treatment. The authors have recruited as contributors all the world innovators and leaders who are advancing knowledge in the natural history and exciting new treatments of Types A and B aortic dissections. Their achievements are summarized and illustrated in this book.

Potential readers - Cardiac surgeons, vascular surgeons
Giampietro Farronato • Ravindra Nanda (eds)

Coeditor: Cinzia Maspero

Coauthors: Ersilia Barbato, Claudio Chimenti, Giancarlo Cordasco, Paola Cozza, Felice Festa, Umberto Garagiola, Aldo Bruno Gianni, Rosalia Maria Leonardi, Concepción Martín Álvaro, Letizia Perillo, Giulio Rasperini, Francesco Spadari

Two volumes 21 x 29.7 cm - Hardcover - Pages 1222 - Richly illustrated in colour - Price € 220,00

This volume is the passionate brainchild of many hands, featuring the work of members of several notable orthodontics schools, including Milan, Chieti, L’Aquila, Madrid, Naples and Messina. The contributions from professors Ersilia Barbato, Claudio Chimenti, Giancarlo Cordasco, Paola Cozza, Felice Festa, Umberto Garagiola, Aldo Bruno Gianni, Rosalia Leonardi, Letizia Perillo, co-editor Cinzia Maspero and so many other collaborators is greatly valued.

The content of this book is based on years of experience and research on the part of professionals from the 30-year-old Orthodontic School of Milan. Every effort is made to ensure the development of the fundamental principle on which this school is based - a concentration on a holistic approach to patient care, rather than relying on the purely mechanistic vision of most orthodontic philosophies. This volume is therefore entirely dedicated to this concept: it consists of a series of descriptive chapters focused on the global diagnosis of the different kinds of malocclusion, with detailed references to systematic relationships and to various therapeutic strategies.

The division of the chapters is meant to evaluate the evolutive progress of the orthodontic patient’s growth, investing in every step, including diagnosis, therapeutic and prognostic aspects. Particular attention is devoted to methodological innovations and the interdisciplinary aspects related to other areas of study, in addition to dentistry.

The entire book was conceived to offer a clear delineation of the knowledge it contains, and to support the work of those who are new to orthodontics, as well as seasoned professionals. The structured illustrative content enables users to efficiently understand the therapeutic choices available in both simple and complex clinical cases. The ultimate purpose is to provide a solid theoretical and practical basis on which the clinician can develop the mental flexibility to face daily challenges in a calm and serious manner.

Potential readers - Medical dentists, dental practitioners, orthodontists, odontostomatologists, dental technicians, dental hygienists, students of the respective degree courses and specialization.

Giampietro Farronato (ed)

Italian edition - Volume 21 x 29.7 cm - Paperback - Pages 144 - Richly illustrated in colour (300 images)

Clinical cases - ISBN 978-88-7051-427-8 - Price € 42,00

One of the most frequently occurring skeletal deformities in the craniofacial region is hypoplasia of the superior maxillary bone in the three spatial planes. In order to allow for the balanced development of the entire stomatognathic apparatus, it is recommended that this deformity be treated as early as possible. Palate expansion has been demonstrated to be a valid and effective technique. It not only allows the reestablishment of the proper transverse dimensions of the superior maxillary bone, but also corrects any dental and respiratory anomalies, guaranteeing proper execution of the multiple stomatognathic functions. The text focuses on the Transverse Sagittal Maxillary Expander (TSME), a device specifically designed for the treatment of superior maxillary hypoplasia. This piece of equipment works both sagittally and transversely, making dental alveolar movement at the premaxilla and the upper incisors, with a consequent decrease in vertical osseous substance of the maxilla and an increase in the same on the other spatial planes. The book demonstrates the versatility of this device, describing variants that may be carried out in relation to the specific needs of an individual patient.

Potential readers - Dentists, orthodontists.
Myofunctional Therapy and Orthodontics

Occlusion, Muscles, Posture, and Therapy for Postural Rebalancing

Sabina Saccomanno, Roberto Deli (eds)

A real understanding of the patient’s problems, leading to the preparation of an effective care plan, requires an attitude centred on a comprehensive approach: on this basis, the work examines the correlations between **orofacial functions, occlusion, and posture** in order to better understand what the correct diagnostic and therapeutic approach is to address problems of various natures and severities. Myofunctional therapy used in the treatment of the so-called **myofunctional disorders**, or abnormalities of the mobility and tone of the orofacial musculature. For this reason, in addition to **orthodontic treatment** emphasis is given to the use of **speech therapy**, **otolaryngology**, **posturology**, and **osteopathy**. The discussion also focuses on issues including various specific diseases or syndromes (secretory otitis media, obstructive sleep apnoea syndrome, Down syndrome, etc.), which are not obviously related to orthodontic problems, but which a cranio-facial specialist needs to know in order to achieve a multidisciplinary and holistic approach suitable for complex clinical problems. The work is completed by accompanying **multimedia presenting the speech therapy exercises** and by a clinical diary available to be given to younger patients.

Potential readers - Dentists, orthodontists, speech therapists.
pH

pH, a project of the Italian Society of Physiology (Società Italiana di Fisiologia, SIF), is an attempt by Italian physiologists to view their discipline in a broader context. So the topics are about history of science, neurosciences & culture and science & society. Available as paper and digital edition.

Bilingual (parallel text) English-Italian edition
Size 21 x 29.7 cm

Grafica d’arte


Italian edition - Size 22 x 30 cm

Edi.Erermes is a medical-scientific publisher both for academic textbooks and professional books. The web platform Virtual Campus offers a constantly updated opportunity for learning and navigating through interactive education material. Periodicals in the health sector are also proposed.

For several years now, Edi.Erermes has been investing considerable efforts and resources in the health sector training, both residential and distance (CME).

Edi.Artes, a branch of Edi.Erermes, is dedicated to fine arts.

This production places Edi.Erermes among the most representative Italian scientific publishers.

For further details contact:

edi.ermes srl
Viale Enrico Forlanini, 65 - 20134 Milan (Italy)
Phone: +39.02.70.21.121 - Fax: +39.02.70.21.12.83
e-mail: eeinfo@eenet.it
websites: www.ediermes.com - www.eenet.it

edi.ermes LLC
1944 Madison Avenue, 2s - New York, NY 10035 (USA)
website: www.ediermesamerica.com
light up your news
light up your lecture

Wide selection
of educational videos

Register
on the website
www.digivideo24.com
to be enabled
to download
video collections
for didactics
Your digital books enriched in extra-contents always with you
digibook24®
The interactive platform for your learning, updating and education... and much more... in progress

• A wide selection of electronic topics
  (video, gallery, hot topic...)

• Useful interactive tools
  bookmarks, textual and vocal notes,
  EasyReading® font,
  reading through voice over,
  sharing with the main social networks

Sign up for  www.digibook24.com!
You can
• buy your books in digital edition
  and read them
  from tablet and from desktop
• read your books also offline
• access to digital areas
  (Virtual campus, Learning on Cloud)