



Quintessenz
DENTAUUM

DYNAMICS  **Orthodontics**

A new dimension
in orthodontic training

The world of orthodontics becomes more transparent!

DENTAUUM

Glossary of Orthodontic Terms

Vol. 1

John Daskalogiannakis

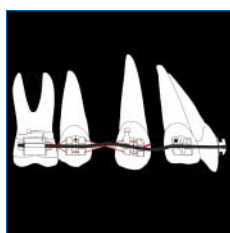
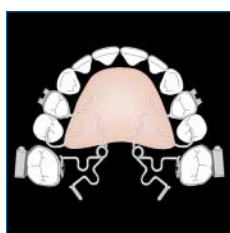
German edition:

R.-R. Miethke • H. G. Sergl • F. Sernetz



- 296 Pages
- 2.800 Terms
- 350 Illustrations
- Format 17 x 24 cm

The glossary is endorsed by seven associations:



A reference guide to orthodontics

With numerous illustrations and diagrams

This long-awaited volume (book and CD-ROM) contains over 2.800 definitions of terms and concepts used in orthodontics and related fields. The definitions are accompanied by numerous detailed diagrams, which clarify the information given.

The **Glossary of Orthodontic Terms** is an indispensable source of reference for orthodontists, orthodontic residents and dental students as well as for specialists in related fields of medicine who work in close collaboration with orthodontists. It clearly presents the most commonly used terms and clinically relevant and concise information in a single volume and is the ultimate reference book on current orthodontic knowledge.

This first volume of the "Dynamics of Orthodontics" project represents a major step forward in achieving international agreement on orthodontic terminology. Its publication in five other languages (German, French, Spanish, Italian and Portuguese) has set a global standard.

Glossary with CD-ROM for Windows or Macintosh (up to OSX 10.3)

Available in:



German



English



French



Spanish



Portuguese



Italian

Multilingual Glossary of Orthodontic Terms

Vol. 1a

John Daskalogiannakis

José Durán von Arx

Charles J. Bolender

R.-R. Miethke • H. G. Sergl • F. Sernetz

Francesca Ada Miotti

Kurt Faltin Júnior • Rolf Marçon Faltin

- Very easy to use
- Six languages
- Search in the headlines or throughout the whole text
- More than 4000 terms
- 350 Illustrations
- Comprehensive interactive user guide



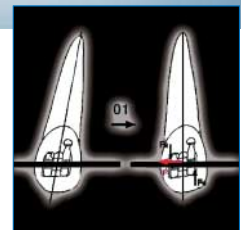
International orthodontic glossary

Interactive search function, available in six languages

The world of orthodontics is becoming transparent. The globalization of science and markets is having a great impact on all disciplines in medicine and dentistry. International understanding that ensures an optimum exchange of information and knowledge is the basis for active participation in future developments.

Even though English is becoming the international language of science, there are often problems of interpretation and translation, particularly with highly specialized terminology as used in orthodontics.

By using this multilingual glossary in six languages, terms can now be correctly translated from one language into any of the other languages. This multilingual glossary provides dentists, orthodontists and other specialists with an optimum aid for achieving perfect translations and understanding worldwide.



CD-ROM for Windows

Multilingual:



Facial Growth

Vol. 2a

Frans P. G. M. van der Linden
James A. McNamara, Jr.
Ralf J. Radlanski



- Prenatal development of the head
- Changes in proportion
- Bone and cartilage
- Development and function
- Skeletal growth and dentition



Stages in facial development

Simulation in innovative 3-D technology

An understanding of the possibilities and limitations of facial orthopedics requires knowledge of the basic processes involved in facial growth. This multimedia presentation describes the essentials of facial growth relevant to clinical orthodontics. This multimedia presentation explains the basics of face growth impressively in a highly instructive manner. The focus is on topics relevant to clinical orthodontists.

The biological basis of different growth patterns is clearly illustrated. Special attention is given to the effect of functional components on skeletal development. Comprehensive interactive user guide, very easy to use due to the presentation mode, unique videos of embryonic tooth development, 250 high-quality graphics, interactive 3-D animation.

The biologic factors underlying different growth patterns are explained, with special attention given to the role of functional components in skeletal development. Emphasis is placed on factors that determine the growth pattern, and on the causes of variations in growth. In addition, current views on facial growth are elucidated.

DVD-ROM for Windows

Multilingual:



Facial Orthopedics

Frans P. G. M. van der Linden
James A. McNamara, Jr.
Hans Pancherz
William R. Proffit

Vol. 2b

Orthodontics

- Mode of operation
- Animal experiments
- Treatment reports
- Clinical studies
- Long-term effects
- Role of the dentition



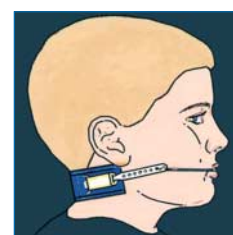
Audiovisual facial orthopedics

Methods and outcomes based on different case histories

In this DVD-ROM the functions of different facial orthodontic techniques are explained, elucidated using results from animal experiments and clearly illustrated with clinical examples. The relevant long-term results are expertly presented in detail and the importance of physiological intercuspation throughout the stages of occlusal development is explained.

Detailed case histories document the results of different treatment methods.

The contents of the data medium are organized systematically in the same way as in a book. Different chapters can be accessed via the list of contents.



DVD-ROM for Windows

Multilingual:



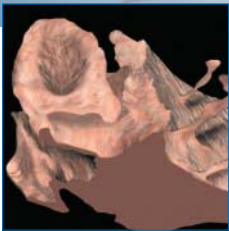
Normal Development of the Dentition

Vol. 3a

Frans P. G. M. van der Linden
Ralf J. Radlanski
James A. McNamara, Jr.



- Prenatal development
- Deciduous dentition
- First transitional period
- Intertransitional period
- Second transitional period
- Permanent dentition



Stages in the development of the dentition

Unique 3-D simulation of development

For the first time ever, the development of the dentition is presented in virtual reality using sophisticated computer technology. Three-dimensional views provide fascinating insights into this complex process. Factors that affect the way the dentition develops in the growing face are clarified, and the role of function is emphasized.

This exciting new DVD describes and illustrates the morphogenesis of the teeth with extensive new animated material. Variations in the arrangement of teeth at subsequent stages of development that still lead to a normal occlusion are shown. The relationship of the development of the teeth to the size of the jaws and to subsequent skeletal growth is explained. Associated abnormal conditions that occur during the development of the dentition are elucidated.

Malocclusions and Interventions

Frans P. G. M. van der Linden
Ralf J. Radlanski
James A. McNamara, Jr.

Vol. 3b

Orthodontics

- Class I malocclusion
- Sagittal deviations (Class II/1, II/2, and III)
- Vertical deviations
- Other malocclusions
- Premature loss of deciduous teeth



Description of different types of dysgnathia

Information for therapeutic treatment

This dynamic animated DVD presents the development of malocclusion, providing valuable information to those involved in clinical orthodontics. A basis is offered for efficient treatment protocols by describing the characteristics of various types of malocclusions, considering the etiology of these conditions as well as the associated deviations that develop. Emphasis is placed on abnormal development that can be interrupted by interceptive procedures, often leading to spontaneous corrections and favorable conditions for initiating orthodontic treatment. Detailed clinical examples of newly developed clinical procedures are provided as well.

A description of different malocclusions and of their symptomatology and etiology provides the practitioner with a valuable aid for ensuring efficient treatment. This volume focuses on dysplasia, its treatment by interceptive measures and orthodontic treatment.

Vol. 3a + 3b

DVD-Video

Multilingual:



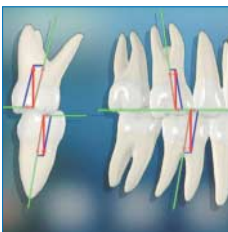
Orofacial Functions

Vol. 4

Frans P. G. M. van der Linden
William R. Proffit



- Oral aspects of breathing, swallowing, and speaking
- Tooth eruption and movement
- Effect of occlusion on tooth position
- Equilibrium concepts regarding the dentition
- Therapeutic procedures for abnormal oral behavior



Morphology of the orofacial system

Guidelines for successful treatment

Understanding the functional aspects of the orofacial region is a prerequisite for arriving at a proper diagnosis and planning treatment for orthodontic patients. The ultimate morphology of the skeleton and the arrangement of the teeth are mainly determined by facial growth and the development of the dentition, on which functional aspects have a large influence. The mode of breathing, the position of the tongue, lips, and cheeks, the interdigitation of the posterior teeth, and the forces exerted by the occlusion all contribute to the developmental process.

Functional aspects have a great effect on all orthodontic therapies as they limit their outcome and are closely linked to changes during and after the retention phase. This volume describes these aspects in detail.

DVD-Video

Multilingual:



German



English



French



Spanish



Portuguese



Italian

Facial Growth, Dentition and Function

Vol. 5

William R. Proffit
Frans P. G. M. van der Linden
James A. McNamara, Jr.
Ralf J. Radlanski
Hans Pancherz

Orthodontics

- Excellent means of learning and testing
- Integrated grading and assessment software
- Fully interactive user interface
- Contains 460 high-quality illustrations and diagrams
- Features 110 short video sequences

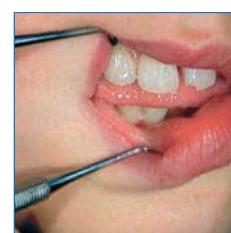
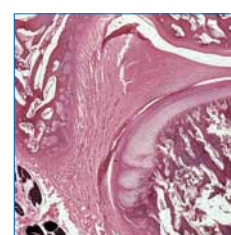
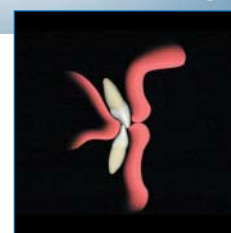


The world of orthodontics in an interactive tutorial format!

Test your knowledge on this DVD-ROM

An interactive computer-based tutorial (CBT) program, Facial Growth, Dentition, and Function combines the contents of earlier „Dynamics of Orthodontics“ modules (Volumes 2, 3, and 4) on a single DVD. Additionally, the tutorial package introduces new concepts related to the complex interactions between facial growth, tooth development, and function, making this program a one-stop, professional, state-of-the-art teaching and learning module.

Each section of the program begins with a brief introduction describing the topics that will be covered; a 30-question “clickand-learn” quiz follows to give users the opportunity to assess their personal level of understanding of these subjects. When the user selects one of the multiple choice answers, the program indicates whether it is right or wrong. Explanatory information specific to each question is available in a separate window. In addition, illustrations and short video sequences are presented for enhanced understanding of the subject matter and optimal learning.



DVD-ROM for Windows

Multilingual:



Dynamics of Orthodontics

Innovative, expert, international

This joint project of the **Quintessence Publishing Co.** and **Dentaurum** is unique in its presentation and range. It is unique in the width and depth of the factual content and also unique in its presentation of orthodontic knowledge and expertise.

The highly esteemed international reputation and expertise of the authors and also the focus on international understanding have resulted in a reference work that meets the highest standards of quality, practicability and user-friendliness. This project has successfully set a new standard in providing a greater understanding of orthodontics.

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	Description	REF	Quantity
Vol. 1	Glossary of Orthodontic Terms with CD-ROM, English	103-000-20	
Vol. 1a	Multilingual Glossary of Orthodontic Terms CD-ROM, in six languages	103-012-00	
Vol. 2a	Facial Growth DVD-ROM, in six languages	103-001-10	
Vol. 2b	Facial Orthopedics DVD-ROM, in six languages	103-002-00	
3a & 3b	Normal Development of the Dentition & Malocclusions and Interventions Both videos on one DVD-Video, in six languages	103-015-00	
Vol. 4	Orofacial Functions DVD-Video, in six languages	103-016-00	
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Poster 1	Poster for the dental offices (see over for design)	989-710-00	

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System requirements

CD-ROM for Windows:

Pentium-III 500 MHz, 128 megabytes RAM, Windows 98/ME/2000/XP, resolution 1024 x 768 pixels (High Color), CD-ROM drive with 8 x speed, 50 MB free space on the hard drive

DVD-ROM for Windows:

Pentium-III 500 MHz, 256 megabytes RAM, Windows 2000, XP, resolution 1024 x 768 pixels (High Color), DVD-ROM drive, 50 MB free space on the hard drive memory


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If you have any questions, please contact us.

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▶ Additional information regarding Dentaurem products can be found on the internet.

www.dentaurem.de

Poster 1

Tooth bud in a 6-week old embryo



Date of information: 07/06

Glossary Vol. 1 is recommended by seven orthodontic associations:



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