



Course invitation  
Clinical course

July 20 and 21, 2018  
Traben-Trarbach/Germany



# *Innovative concepts of modern anchorage systems and their application in the year 2018*

ORTH<sup>O</sup>easy<sup>®</sup>



*Dr. Björn Ludwig*

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**FORESTADENT**<sup>®</sup>  
GERMAN PRECISION IN ORTHODONTICS

## Aims of the course

*How to improve stability, versatility, and success rates using innovative mechanics and appropriate insertion sites.*

*TADS were one of the most frequently and intensively discussed topics of the last decade, experiencing an ever increasing interest over the last 10 years. Practitioners were enthusiastic about the possibility to counteract Newton's third law. More than ten years later, many clinicians are frustrated about high loss rates and non-working biomechanics.*

*The course will discuss the authors' evolutionary process from enthusiasm to frustration and finally to a realistic, reliable and valid everyday strategy.*

*Currently, the alveolar process still is the most preferred insertion site among most clinicians. However, due to the varying bone quality and the risk of root contact, the survival rate of implants inserted into the alveolar ridge, especially interradicularly, still needs improvement. Other regions, such as the anterior palate for miniscrews and palatal-implants or the mental region for miniplates, provide much better conditions for*

*screw insertion, since the amount and quality of the available bone is far superior. Implants with different types of abutments and connectors allow the construction of versatile appliances for a large variety of orthopedic and orthodontic applications. Utilizing TAD's in the anterior palate and the mental region eliminates the risk of root injury and takes the implants out of the path of tooth movement.*

*This course will show an overview of the up to date literature, current developments of screw design, appliance designs, main indications, placement techniques, and risk factors during placement and orthodontic treatment. It will especially focus on the success rate of mini-implants, palatal implants and miniplates and the biomechanics of the connected orthodontic appliance.*

*The course will give a detailed explanation, mostly by clinical cases of the clinical use of palatal mini-implants and various miniplates in the mandible. It will focus on well working biomechanics and main indications.*



## The speaker



**Dr. Björn Ludwig**

*Björn Ludwig maintains a private orthodontic practice in Traben-Trarbach, Germany. He is scientific coordinator and Assistant Professor of the University of Homburg/Saar, Department of Orthodontics. His focus of research work is cortical anchorage with mini-screws/miniplates*

*and their further clinical development. He has published numerous papers and is editor of two books. He is editor in chief of the Quintessence publication "Kieferorthopädie" (Orthodontics). He is also co-editor of the Journal of Clinical Orthodontics and Journal of Orthodontic Science.*

## Hotel information

Hotel Bellevue  
An der Mosel 11  
56841 Traben-Trarbach  
Tel. +49 6541/ 703-0  
www.bellevue-hotel.de



Room reservation is included in the package price.

## Meeting Schedule

### July 19, 2018

- 18.00 h Departure of the bus-shuttle from Frankfurt Rhein-Main-International airport (please book your flights accordingly)
- 20.00 h Arrival and check-in at the Hotel Bellevue, Traben-Trarbach, Dinner at the well-known restaurant "Claus Feist" at the hotel Bellevue, Traben-Trarbach (included in the package price)

### July 20, 2018

- 9.00 h Office Dr. Ludwig – Practical instruction and demonstration of palatal implants and miniplates
- 12.30 h Lunch at the restaurant „Schlemmerschlösschen“
- 14.00 h Practical instruction and demonstration of palatal implants and miniplates
- 17.00 h Return to the Hotel Bellevue
- 19.30 h Wine tasting (included in the package price)

### July 21, 2018

- 9.00 h Practical course – office Dr. Ludwig
- 12.30 h Lunch at the restaurant
- 14.00 h Palatal implants and miniplates
- 17.00 h Return to the hotel
- 20.00 h Dinner in the restaurant „Claus Feist“ (included in the package price)

### July 22, 2018

- 8.00 h Departure of the Bus-shuttle to Frankfurt Rhein-Main International Airport
- 10.00 h Approximate arrival at the airport

## Scientific program

### July 20, 2018

- Theoretical basics about the clinical use of the OrthoEasy® system, so as miniplates, including training on typodonts
- Theoretical basics about the clinical application of the most common used appliances in everyday treatment:
  - Molar Space closure with the "Space Jet"
  - Uprighting molars Space closure of missing laterals with the "mesialslider"
  - Distalisation of upper molars with the skeletal supported "Frog Appliance"
  - skeletal supported RPE and class III treatments
  - Intrusion of upper molars

Case discussion and group diagnosis so as team treatment planning for the Saturday patients.

### July 21, 2018

- Live insertion and placement of OrthoEasy® in small groups
  - Coupling with orthodontic devices at patients
  - Insertion and removal of miniscrews at patients
  - Theoretical case discussion (please bring also your future cases)
  - Practical workshop on typodonts about the appliances which were discussed during the course. Bending pliers are needed for this part of the course. Please consider to bring your own instruments.

## Registration, fees and cancellation



### **Package price:**

€ 1.350.- per participant

### **Including:**

- Bus shuttle Frankfurt airport – Traben-Trarbach – Frankfurt airport
- Hotel accomodation Hotel Bellevue July 19 - 22, 2018
- 2-course dinner on July 21, 2018
- Breakfast in the hotel on all days
- Attendance at the course on both days
- Coffee breaks during the course
- Lunch on July 20 and 21, 2018
- Wine tasting on July 20 and dinner on July 21, 2018

### **Registration:**

Kindly please register through the Forestadent representative in your country or directly with us at [Jochen.Escalante@forestadent.com](mailto:Jochen.Escalante@forestadent.com). The registration is confirmed after you will have completely prepaid your course fee. After registering you will receive an invoice either by us or by our business partner in your country. The maximum attendance will be 24 participants which will be booked according to the order of prepaid course fees.

### **Cancellation:**

Please kindly be informed that for any cancellation after June 1st, 2018 we will not be able to reimburse you. The arrival to Frankfurt Rhein-Main-Airport needs to be arranged by yourself. Furthermore, we reserve the right to cancel the course if we are not able to arrange a sufficient number of participants. As a matter of course, we will reimburse you for any effected payments in this case.

### **Certificate:**

A certificate of attendance will be provided at the end of the course

### **Official language:**

Course language is English.

**Registration** Phone +49 7231 459-158 • Fax +49 7231 459-102

You may fill in this form on your computer.

Dr. Björn Ludwig:

## **Innovative concepts of modern anchorage systems and their application in the year 2018**

Traben-Trarbach, July 20 and 21, 2018

Company .....

Name .....

Address .....

City .....

State .....

Zip Code .....

Phone Number .....

Fax Number .....

E-mail .....

Course Fee € 1.350,-

American Express

MasterCard

VISA Card

Remittance

Card Number ..... Security Code .....

Expiration Date ..... Credit Card Holder .....

Number of People attending .....

Name of People attending .....

Signature ..... Date .....

For more information contact [jochen.escalante@forestadent.com](mailto:jochen.escalante@forestadent.com)