



TWO-DAYS INTERNATIONAL COURSE BARCELONA

Rethinking Orthodontics: Where Aligners Meet Skeletal Anchorage

With Prof. Dr. Benedict Wilmes — Düsseldorf, Germany

DATES

5 – 6 March 2027

VENUE

Barcelona, Spain

FORMAT

Lectures & case-based discussion

LANGUAGE

English, with simultaneous interpretation

THE COURSE

Skeletal anchorage — the update for digital techniques and optimal a

Their small size allows mini-implants to be inserted in a variety of sites. Currently, the alveolar process is the most preferred insertion site. However, due to varying bone quality and the risk of root contact, the survival rate of implants inserted in the alveolar ridge still needs improvement. Other regions, such as the anterior palate and the mental region, provide much better conditions for TAD insertion, since the amount and quality of available bone is far superior.

Mini-implants with different types of abutments and connectors allow the construction of versatile and cost-efficient appliances for a large variety of orthopedic and orthodontic applications. Utilizing TADs 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.

Integration of recent advances in digital technology — virtual planning of TAD installation, insertion guides, CAD-CAM design and 3D metal printing of orthodontic appliances — broadens the options significantly. An increasing number of patients seek treatment with aligner therapy; orthodontic mini-implants help avoid anchorage loss and the high demand of elastic wear.

THE LECTURER

Prof. Dr. Benedict Wilmes

One of the most influential voices in skeletal anchorage, Prof. Wilmes is the developer of the Beneslider and the Benefit mini-implant system, and a leading authority on palatal TADs, digital insertion planning and CAD-CAM appliances. He lectures worldwide on combining mini-implants with aligner therapy to make complex tooth movements predictable.



PROGRAM

Two days of focused lectures

Day One 5 March 2027

09:00 – 10:30

- The rationale of using TADs in orthodontic practice
- Direct and indirect anchorage

10:30 – 11:00

- Coffee break

11:00 – 12:30

- Lower molar mesialization
- Mini-implants with abutments

12:30 – 13:30

- Lunch

13:30 – 15:00

- Upper molar distalization

15:00 – 15:30

- Coffee break

15:30 – 17:00

- Upper molar mesialization

Day Two 6 March 2027

09:00 – 10:30

- En-masse retraction
- Rapid palatal expansion and early Class III treatment

10:30 – 11:00

- Coffee break

11:00 – 12:30

- Molar uprighting
- Molar intrusion

12:30 – 13:30

- Lunch

13:30 – 15:00

- TAD insertion: rationale, biomechanics and case documentation
- Beneslider design, indications and orthodontic application

15:00 – 15:30

- Coffee break

15:30 – 17:00

- Alignment of impacted teeth
- Temporary pontics using TADs

PARTNERS

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REGISTRATION

600 Euro + VAT

Early-bird until 31 October 2026

750 Euro + VAT

Registration fee

Seats are limited — early registration is recommended.

To register, please visit: aligner-excellence-barcelona.lovable.app

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