

## Who's running the course?



Dr. Vittorio Cacciafesta trained at the University of Naples „Federico II“, Italy. He was Research Fellow at Humboldt University of Berlin, Germany. From September 1996 until August 1999, he was Orthodontic Resident at the Royal Dental College, Aarhus University, Denmark,

where he received the Specialty and the Master of Science in Orthodontics. He is 'Dottore di Ricerca' (Research Doctorate) in Biotechnology of Dental Materials.

Since September 1999, he has been Assistant Clinical Professor at the Department of Orthodontics, University of Pavia, Italy and Visiting Professor at the Department of Orthodontics, Aarhus University, Denmark. Since October 2002, he has been Assistant Clinical Professor at the University of Insubria, Varese. Since 2003 he is visiting Professor at the Department of Orthodontics, Temple University, Philadelphia, USA. Dr Cacciafesta has published over 70 refereed publications. He is editor and referee for various orthodontic publications.

He is actively involved in a number of european orthodontic societies Dr. Cacciafesta's main research interests are bonding materials, brackets, metallurgy and friction. His main clinical interests are biomechanics, lingual orthodontics and orthodontic treatment of adults, periodontally involved patients and orthodontic management of orthognathic surgical patients.

**To register please call 01908 227 851**

## Registration

Please fill in your details below and email to [info@forestadent.co.uk](mailto:info@forestadent.co.uk) to express your interest and we will call you back to provisionally hold a place. A place will only be guaranteed upon full payment\*. Alternatively call 01908 227 851 for more details.

Yes, I would like to participate in the course

26<sup>th</sup> January 2024 – London | £295 + VAT

Name

Address

Phone

Fax

E-mail

GDC no.

Date

Signature

Practice stamp

\*Cancellation policy - All bookings cancelled at least 6 weeks before the date of the course will be entitled to a 50% refund or a full transfer to an alternative date within the next year. Any cancellations made less than 6 weeks before the course will be entitled to a full transfer to an alternative date within the next year but will not receive any refund.

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

# 2D<sup>®</sup> Lingual Orthodontic Course



Easy  
2D<sup>®</sup> Lingual technique

**Speaker: Dr. Vittorio Cacciafesta**  
**Friday 26<sup>th</sup> January 2024, London**  
**£295 + VAT**



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

# Lingual Orthodontic Course – Easy Lingual

## What will I Learn?

Delegates who attend this lingual orthodontics course will be given the tools, techniques and confidence to immediately introduce lingual orthodontic treatment in their own practices.

You will learn how to screen your patients to select those cases suitable for lingual orthodontic treatment.

You will understand the importance of biomechanics in the various treatment phases and the principles and limitations of lingual brackets. Other practical advice and techniques which will be covered include:

- Direct bonding
- Lingual archwire mechanics
- Fabrication of Titanol lingual archwires

Lunch & refreshments will be provided.

## Course outline

Lingual orthodontics and Lingual brackets

Clinical difficulties in Lingual Orthodontics

Principles and limitations of Lingual brackets

- 3D Lingual bracket mechanics
- 2D Lingual bracket mechanics

## The 2D® Lingual System

- Main characteristics and Philosophy of 2D Lingual brackets
- Different designs and versatility of 2D Lingual brackets
- Clinical advantages and management
- Instruments and tools
- Opening and closing of 2D Lingual brackets (videos)
- Direct bonding: clinical procedure (videos)
- Indirect Bonding: clinical procedure (videos)

### Classical Mechanics

- Control of Rotations
- Control of Angulations
- Vertical Control

### Phase 0 – Direct vs Indirect Bond Up

- (video)

### Phase 1 – Alignment and Levelling

- Ideal and provisional bracket positions
- Which type of 2D bracket to select?
- Ni-Ti Archwire sequence – use of light forces and low-friction mechanics
- Lazo mechanics
- Double arch mechanics
- Use of esthetic buttons (video)
- Use of initial power chains
- The progressive slenderizing technique: rationale and tools (video)
- Intrusion of maxillary and mandibular front teeth
- Conventional and non-conventional Archwire curves and bends (video)

### Phase 2 – Simple cases

- Relapse-Retreatment
- Simple alignment-social six
- Vertical Control
- Comparison with Aligners
- Aligners cases finished with 2D Lingual brackets

### Phase 3 – Working Phase

- Archwire Bending protocols (videos)
- TMA round, squared and rectangular wires
- SS round, squared and rectangular wires
- Transverse coordination
- Use of intermaxillary elastics and Ni-Ti coils
- Rational use of power chains

### Phase 4 – Finishing Aligner Cases

- Rotational control
- Use of seating elastics
- Finishing Tips

### Phase 5 – Low Cost Lingual Systems vs Aligners

- Financial comparison of Aligners vs 2D Lingual
- Treatment time duration
- Number of brackets vs number of aligners
- Cooperation

### Indications to treatment

Case Reports with 2D Lingual brackets:

- Mandibular and maxillary arch crowdings
- Anterior and lateral cross bites
- Closure of spaces and anterior diastemas
- Intrusion of maxillary and mandibular front teeth
- Class II and Class III mechanics
- Extraction of a mandibular incisor
- Non extraction cases
- Complex cases: Impacted canines, Extraction cases, Maxillo Facial Surgery Cases, Multidisciplinary cases

### Titanol® Lingual archwire mechanics

Shape memory alloys

- Thermo-mechanical treatment of shape memory alloys.

Titanol® lingual archwire shapes

- How to choose the Titanol® lingual archwire shape (videos)
- How to fabricate individual Ni-Ti lingual archwires (videos)
- Use of Memory Maker (videos)

### Finishing archwires

- How to use and fabricate individual TMA and SS Lingual archwires (videos)

### Conclusions

## Contact person:

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## Practical session

In the afternoon you will learn to open & close clips on a typodont along with placing wires & power chain.

## What experts say:

„The 2D system is a cost effective aesthetic appliance. Patients like the discreet nature of the lingual bracket and having such a low profile the 2D bracket is well tolerated. As well as being the treatment of choice for many of my patients I have increasingly found the 2D system a useful tool in my armamentarium when dealing with other stubborn clinical situations e.g rotated teeth, especially lower incisors, that aligners or labial ceramic brackets have not successfully corrected.“

(Trevor Hodge)

