

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 fax to 01908 560 611/ email to 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

18th & 19th May 2012 – North London

12th & 13th October 2012 – Manchester.

Name

Address

Phone

Fax

E-mail

Date

Signature

Practice stamp

 **FORESTADENT® UK**
GERMAN PRECISION IN ORTHODONTICS

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Easy Lingual

Lingual Orthodontic Course

Course fee £1250+VAT*.
Earlybird offer - book before the end of February and get 10% discount!

18th & 19th May 2012, North London
12th & 13th October 2012, Manchester
Speaker: Dr. Vittorio Cacciafesta



 **FORESTADENT® 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

There will also be many opportunities for hands-on practical work on a Typodont.

Fee for this course: £1250 + VAT*. This includes 1 nights accommodation, evening meal, breakfast, lunch & refreshments on both days, all course materials and a free starter kit.

*For delegates bringing a 2nd member of staff both course fees will be charged at £1180+vat. Delegates not wishing to stay overnight will be charged £1180+vat

Course schedule

Day 1

9.00am – 1.00pm:

Aesthetics in orthodontics

- Patients' demands
- Clinicians' demands
- Invisible appliances
- Comfort
- Easy Clinical management

Our lingual orthodontic background

- History of lingual orthodontics
- Lingual pioneers (1971)
- Fujita: development of lingual bracket technique (1978)
- Ormco Task Force ('80)
- Nidoli and Macchi (1981)
- Laboratory systems for indirect bracket bonding

Long-term follow-up cases

- Possibilities and limits of lingual therapy
- Long-term stability

Orthodontic biomechanics

Orthodontic biomechanics: labial vs lingual

- Biomechanics, centre of resistance of each tooth
 - Control of intrusion
 - Control of extrusion
 - Control of rotations
 - Control of tippings
 - Control of torque
 - Levelling of curve of Spee
- The importance of biomechanics in the various treatment phases
- Step by step control of tooth movements
- Occlusal anchorages

Lunch

2.00pm – 6.00pm:

Lingual brackets

Principles and limitations of various lingual brackets available on the market:

- Lingual bracket dimensions
- Lingual bracket mechanics
- 2D lingual bracket mechanics
- 3D lingual bracket mechanics

The 2D lingual bracket

- 2D brackets with vertico-axial insertion
- Main characteristics of 2D lingual brackets
- Opening and closing of 2D lingual brackets
- Case selection
- Treatment indications
- Direct bonding: clinical parameters

Clinical Bonding

- Lingual surface initial prophylaxis
- Orthodontic composites and their adhesion on the tooth surface
- Problems related to direct bonding
- Moisture and blood contamination
- How to avoid mistakes in clinical bonding
- How to rebond a failed bracket
- Debonding procedures
- Speech problems
- Lingual archwire insertion
- Application of power chains and elastics

Practical part: Direct bonding of 2D lingual brackets on typodont.

8.00pm: Evening meal for those staying at the Venue



Day 2

9.00am – 12.30pm

Treatment mechanics

Simple arch mechanics:

- Levelling, aligning, control of rotations

Double arch mechanics:

- Tooth intrusion
- Impacted canines
- Space closure
- Impacted canines
- The use of Fiber Reinforced Composites (FRCs) for anchorage
- The use of miniscrews

Indications to treatment

Case Reports with 2D lingual brackets:

- Mandibular and maxillary arch crowdings
- Anterior cross bites
- Closure of spaces and anterior diastemas
- Deep bite cases
- Intrusion of maxillary and mandibular front teeth
- Impacted canines
- Extraction of a mandibular incisor
- Non extraction cases
- Extraction cases

Auxiliaries in the Insubria-System™ lingual technique

- MAC
- Torque control of a single tooth

Lunch

1.30pm – 4.00pm:

Titanol® lingual archwire mechanics

Metallurgy in orthodontics

- Stainless steel wires
- TM wires
- Ni-Ti wires

Shape memory alloys

- Martensitic – Austenitic phase
- Temperature transitional range.
- Thermo-mechanical treatment of shape memory alloys.

Titanol® lingual archwire shapes

- How to choose the Titanol® lingual archwire shape
- Fabrication of individualized lingual archwires
- Use of Memory Maker

Practical part on typodont: Fabrication of individualized Titanol lingual archwires. Treatment of a case on typodont.