

Registration Information

Course: Class II and III Malocclusions...Applying Modern Treatment Modalities to Avoid Old Complications

MODULE	Carlsbad, CA	New York, NY
Module 1 Dates	July 16-17, 2010	July 23-24, 2010
Module 2 Dates	September 17-18, 2010	September 24-25, 2010
Module 3 Dates	January 28-29, 2011	February 4-5, 2011
Module 4 Dates	April 1-2, 2011	April 8-9, 2011

CE Credits: 16 Hours/Session
Instructor: Dr. Pablo Echarri
Course Code: ECHA2A10
Hours: 8:30 a.m. - 5:30 p.m.
Tuition: \$995 Per Session
 Ask about our referral discount for **25% OFF** each referral.

Course Projects (required): \$200 includes typodont, manuals and all disposable products used in the hands on portion of the course.

First 10 Registrations will receive the Course Projects for Free! (a \$200 value)

Register Online

at www.StraightWireSeminars.com/CAL or NYC

or call **888.259.3606**

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ADA CERP® Continuing Education Recognition Program



This program offers 16 hours of FAGD/MAGD credit hours per session to all participants who complete the course series.

* At its sole discretion, CE Provider reserves the right to alter or cancel courses as needed. Please see full terms and conditions at straightwireseminars.com/termsandconditions.

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Straight Wire Seminars Presents:

Class II and III Malocclusions...Applying Modern Treatment Modalities to Avoid Old Complications

Featuring Pablo Echarri, D.D.S.

Education

Founded in 1979, *Straight Wire Seminars* has been a leading provider of continuing orthodontic education programs for over 30 years. We are a registered CE Provider with the California Dental Board and fully accredited by both the AGD and ADA. Our courses cover a wide array of topics that highlight the latest advancements in orthodontic products and techniques.

New Facility

Our new state-of-the-art 2,200 sq. ft. training facility incorporates seating for 70 attendees comfortably. Each attendee has access to electrical outlets at their work station for laptops or instruments, free WiFi internet, an integrated A/V system with built-in projector and 12 foot screen. We also maintain a full line of orthodontic products on display as well as portable table mounted typodonts available to facilitate hands-on courses.

Ortho Organizers® Headquarters

Nestled in the rolling hills of Carlsbad, California, the *Straight Wire Seminars* orthodontic training facility is located within the *Ortho Organizers* headquarters and manufacturing facility.

Time permitting; all courses include a tour of the *Ortho Organizers* 65,000 sq. ft. facility that showcases how orthodontic products are developed and manufactured. Tour includes:

- Metal Injection Mold (MIM) process to create brackets
- Tooling room
- Creation of elastomers and separators
- The welding process to create custom band assemblies
- Quality Control
- The *O² Orthodontic Laboratory™*



Ortho Organizers headquarters in Carlsbad, California.

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StraightWireSeminars.com



Pablo Echarri, D.D.S.

Class II and III Malocclusions...Applying Modern Treatment Modalities to Avoid Old Complications

- Module 1: Treatment of Class II Malocclusions
- Module 2: Treatment of Class III Malocclusions
- Module 3: Vertical and Transverse Problems
- Module 4: Case Finishing – Retention and Stability

Earn 16 CE Credits for each completed session

First 10 Registrations will receive Course Projects free! (a \$200 value)

(see inside for details)



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(see inside for details)

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Course Outline:

- Module 1: Treatment of Class II Malocclusions
- Module 2: Treatment of Class III Malocclusions
- Module 3: Vertical and Transverse Problems
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Orthodontic Education

Modern tools of orthodontics such as Temporary Anchorage Devices, Self-Ligating Brackets, Class II/III bite correctors and lingual appliances have revolutionized the Orthodontic industry by allowing increasingly complex cases to be treated in relatively short periods of time. To their detriment, clinicians often do little more than swap-out old technology for new without considering the fundamental change in biomechanical forces that will result. While the newer technologies alone may yield improvements over older technologies, treatment plans can only be optimized when all biomechanics are considered as a whole. Thus, a thorough understanding of how traditional and state of the art products function together can reveal beneficial and time-saving synergies.

These courses were created to help the clinician understand how to blend old technologies with new to achieve outstanding results while decreasing overall chair time. Additionally, Dr. Echarri will evaluate how to properly finish and retain cases to maximize orthodontic stability.

Module 1: Treatment of Class II Malocclusions

The learning objective of Module 1 will be using modern technologies in the treatment of Class II malocclusions in different modalities, including extractions, distalizations and mandible advancement.

- **Self-Ligating Class II malocclusions**
 - Definition and classification
 - Etiology
- **Early treatment in mixed dentition**
 - Treatment with C plate
 - Treatment with *Twin Block*®
- **Treatment in the permanent dentition**
 - Self-ligating bracket usage and mechanics
 - Extraction cases using microimplants
 - Distalization using pendulum-m or microimplants
- **Hands-on portion will include:**
 - Advancing the mandible using the *Twin Force*® Bite Corrector Device
 - Transverse correction using the Hyrax Appliance, Quad Helix and *Nitanium*® Palatal Expander²™ Appliance
- **Conclusions**
- **Q&A**
- **Case Consulting**



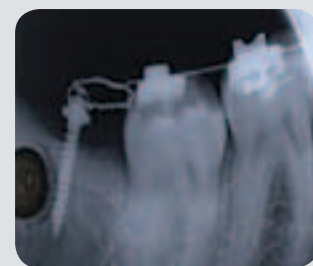
Module 2: Treatment of Class III Malocclusions

The learning objective of Module 2 will be the Treatment of Class III malocclusions in different modalities including extractions, distalization and maxilla advancement using face masks.

- **Class III malocclusions**
 - Definition and classification
 - Etiology
- **Early treatment in mixed dentition**
 - The modified McNamara Separator
- **Treatment in the permanent dentition**
 - Self-ligating bracket techniques
 - Extraction cases using microimplants for maximum anchorage in the lower arch and minimum anchorage in the upper arch
 - Distalization cases using microimplants
 - Advancing the maxilla using the face mask



- Transverse correction using Hyrax Appliance, Quad Helix and *Nitanium Palatal Expander*² Appliance
- **Hands-on portion will include:**
 - Where/how to insert microimplants in the mandible for distalization



- Extraction cases
- How to adapt and use face masks, *Nitanium Palatal Expander*² Appliance and hooks

- **Conclusions**
- **Q&A**
- **Case Consulting**

Module 3: Vertical and Transverse Problems

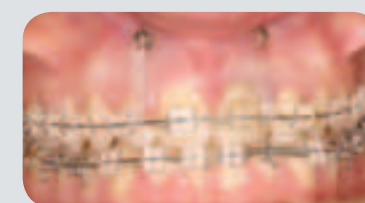
The learning objective of Module 3 will be using easy, predictable techniques to correct transverse and sagittal issues.

- **Diagnosis of facial type and treatment techniques for:**
 - Mesofacial
 - Brachiofacial
 - Dolichofacial
- **Oral/nasal breathers**
- **Treatment of vertical and transverse malocclusions in mixed dentition:**
 - Chin cap with vertical pull
 - McNamara Separation Appliance



- Active plates
- C functional plate

- **Diagnosis of asymmetries**
- **Quad-Helix**
- **Nitanium Palatal Expander² Appliance**
- **Lingual arch**
- **Hyrax separation appliance**
- **Asymmetric expansion using microimplants**
- **Treatment of deep bite cases**
 - Double arches
 - Molar extrusion

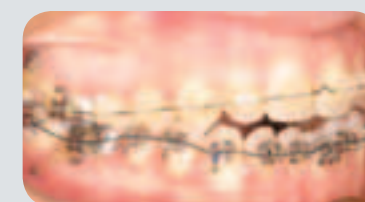


- Microimplants
- Canted occlusal planes

- **Interrelationships of the three planes in the malocclusions: sagittal, transverse and vertical**

Hands-on portion will include:

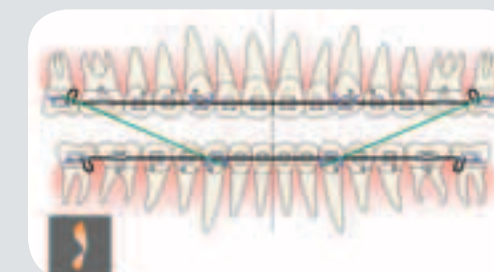
- **Double arches**
- **Activation of Quad-Helix and lingual arches**
- **Where to insert microimplants for open and deep bite case treatment**



Module 4: Case Finishing – Retention and Stability

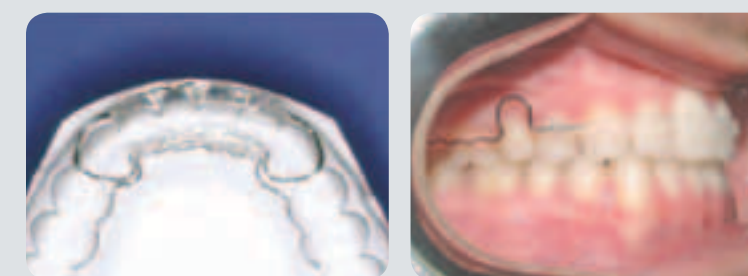
The learning objective of Module 4 will be the finishing touch techniques that separate the novice from the expert orthodontist.

- **Proper wire selection – Maximizing benefits of the wires in different stages of treatment**
- **Wires for case finishing**
- **The use of elastics**



- **Wire bends (1st, 2nd and 3rd order)**
 - Adjusting the occlusion
 - Adjusting the position of teeth
 - Root parallelization

- **Auxiliary springs**
- **Adjusting the torque**
- **Re-bonding techniques**
- **Retention planning according to the initial malocclusion**
- **Retention appliances**



Pablo Echarri, D.D.S.

Dr. Pablo Echarri has over 25 years of clinical experience in orthodontics and operates a private practice and a private education center in Barcelona, Spain. He obtained his D.D.S. from the University of Montevideo, Uruguay and is a collaborating professor in

Orthodontic Masters Studies at the Universidad Autónoma de Barcelona, Universidad de Sevilla, Universidad de Alcalá de Henares. He is a Diplomat Member of the European Society of Lingual Orthodontics (E.S.L.O) and the IberoAmerican Board of Orthodontists (I.A.B.O).

Dr. Echarri is President of the S.I.A.O.L. (Sociedad Iberoamericana de Ortodoncia Lingual), and of the Scientific Committee of the Catalanian Dental Association, Vice-President of the Scientific Committee of the Asociación Iberoamericana de Ortodoncistas as well as World Federation of Orthodontist Delegate, former President of the European Society of Lingual Orthodontics (E.S.L.O) and former Chairman of the World Society of Lingual Orthodontics. He has memberships with over 14 associations and societies including Sociedad Española de Ortodoncia (S.E.D.O.), the World Federation of Orthodontics (W.F.O.), the American Association of Orthodontics (A.A.O.), the Asociación Iberoamericana de Ortodoncistas (A.I.O.), the European Orthodontic Society (E.O.S).



Dr. Echarri has published ten books, including "Microimplants and Orthodontics," and written over 90 articles in orthodontic journals in Spain, the United States, Portugal, Argentina, France, Korea, Japan, Thailand and India.