

M.U.I.

THEORETICAL

**INTENSIVE ADVANCED
BIOMECHANICS
4 DAY COURSE (1)**

Send us to: info@susanapalma.com / +34 600 95 04 90



SUSANA PALMA
ORTODONCIA EXCLUSIVA

ABOUT DR. SUSANA PALMA

Here in Spain, Dr Susana Palma has been a pioneer in the technique of orthodontics with clear aligners.

She was among the first group of certified doctors who, in 2001, began to study and then to acquire an expertise in the use of aligners. She has helped to form thousand of doctors worldwide.

In 2015 Invisalign bestowed on her the first international award for excellence based on her results in biomechanical management of orthodontic techniques with aligners. Nowadays she has become one of the most recognized international speakers in terms of Clear Orthodontics.

In our courses, Dr Palma provides direct, face to face learning for every doctor in attendance.

You will learn not just about biomechanical protocols, enabling you to cope with the most complex cases, but also how to internalize the most appropriate planning process.

Flowing from this you will gain an understanding of the most effective way of communicating with the technicians.

Most importantly, you will learn how to reproduce the excellent results shown by Dr Palma in her patients' outcomes.



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INTENSIVE ADVANCED BIOMECHANICS 4 DAY COURSE (1)

MICROMOVEMENTS. CROWDING CASES

- Keys for a predictable 3D software.
- Attachments optimized vs conventional.
- Overcorrection. Building a working set up.
- Staging.
- Anchorage.
- Micromovements:
 - Rotation lateral incisors.
 - Anterior cross bite of lateral incisors.
 - Rotation and tipping of canines.

TRANSVERSAL DISCREPANCIES.

1. Diagnosis of transversal discrepancies.
2. Symmetric or Asymmetric expansion.
3. Design of the ideal arch form.
4. Tips for correction of unilateral posterior cross bites. Staging.
5. Posterior torque control.
6. Differential anchorage to correct posterior cross bite and for correction of transversal discrepancies without crossbite.
7. Scissor bite treatment strategies.
8. Mechanics for midline deviation.

INTENSIVE ADVANCED BIOMECHANICS 4 DAY COURSE (1)

VERTICAL DISCREPANCIES.

DEEP BITE :

1. Tips for increasing predictability on 3D software for deep bite correction.
2. Deep bite ethiology.
3. Diagnosis tips to consider for the correction.
4. Specific 3d Software features for deep bite correction.
5. G8 features when to use it.
6. Treatment plan strategies for 3D Software review in deep bite corrections.
7. Attachments.
8. Staging upper and lower incisors.
9. Staging for Spee curve correction. Different protocols.
10. Frog staging for intrusion, when and how.
11. Building posterior anchorage in our 3D Software.
12. Tip correction during vertical corrections.
13. Overtreatment and Overcorrection.
14. TADs for anterior intrusion.
15. Built ups and auxiliaries.
16. Strategies for posterior extrusion.
17. Retention.
18. 10 summary points for efficiency in deep bite.

Open bite :

1. Keys in diagnosis for open bite cases.
2. Open bite of transversal , sagittal and vertical cause. Different treatment plan approaches.
3. 9 steps of 3D Software revision for open bite correction.
4. Attachments for open bite cases.
5. Posterior torque control.
6. Posterior intrusion strategies.
7. TADs for molar intrusion.
8. Occlusal plane control for open bite corrections.
9. Double cable mechanics and its benefits for vertical cases.
10. Tips to control nasal breathing and positioning of the tongue for open bite correction stability.
11. 8 summary tips for efficiency in open bite correction.

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SAGITTAL DISCREPANCIES.

Class II corrections:

- Tips for increasing predictability in 3D Software for class II corrections.
- Class II subdivision ethiology and treatment strategies.
- Strategies for class II corrections in growing patients (Mandibular advanced)/class II division 1 /class II division 2).
 - Distalization protocols for class II in adults without TADs , with IZC TADs and with Tuberosity TADs.
 - Double cable mechanics when and how to apply it in class II cases (2 and 3 step protocol).
 - Class II subdivision maxillary cause.
 - Class II subdivision mandibular cause.
 - Attachments.
 - Protocol of use of class II elastics . Early sequential elastics pattern.
 - Frog staging protocol of retraction. When and how apply it.
 - The 12 steps to check in the 3D Software review for class II cases.
 - Cases and treatment plan to solve class II cases only by upper distalization vs only by lower mesialization.
 - Cases of class II solved with IZC screws / with inter-radicular screws and with tuberosity TADs.

Class III corrections:

- Tips for increasing predictability in 3D Software for class III corrections.
- Skeletal and functional class III diagnosis and treatment plan.
- Attachments.
- TADs or class III elastics. What can we expect with each one and treatment plan considerations.
- Indication for the technician for class III correction.
- Mesialization of upper arch when and how doing it with the aligners
- TADs in the retromolar zone. Double cable mechanics for class III cases.
- Class III cases without TADs mechanics.
- Class III cases with Buccal shelf TADs.
- Class III cases with retromolar TADs.
- Occlusal plane correction in class III cases.
- Common mistakes in the 3D Software in sagittal corrections.

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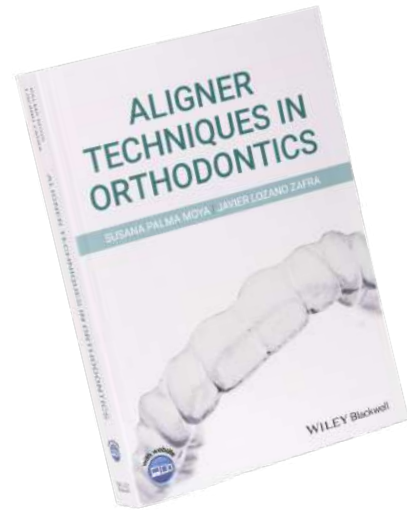
Final schedule and facilities to be confirmed.

Fee: €3950 per doctor.

We want to make payment easier for you, so
you can pay it in installments.

A deposit of € 900 is required to make your
reservation.

(45 days before the start of the course, the full
amount will be due).



Includes the book
"Aligner Techniques in Orthodontics"
by Dr. Susana Palma and Dr. Javier Lozano.



HOW CAN I SIGN UP?

Hello!, I'm **Belén Carrero**, the event coordinator
for Dr. Susana Palma .

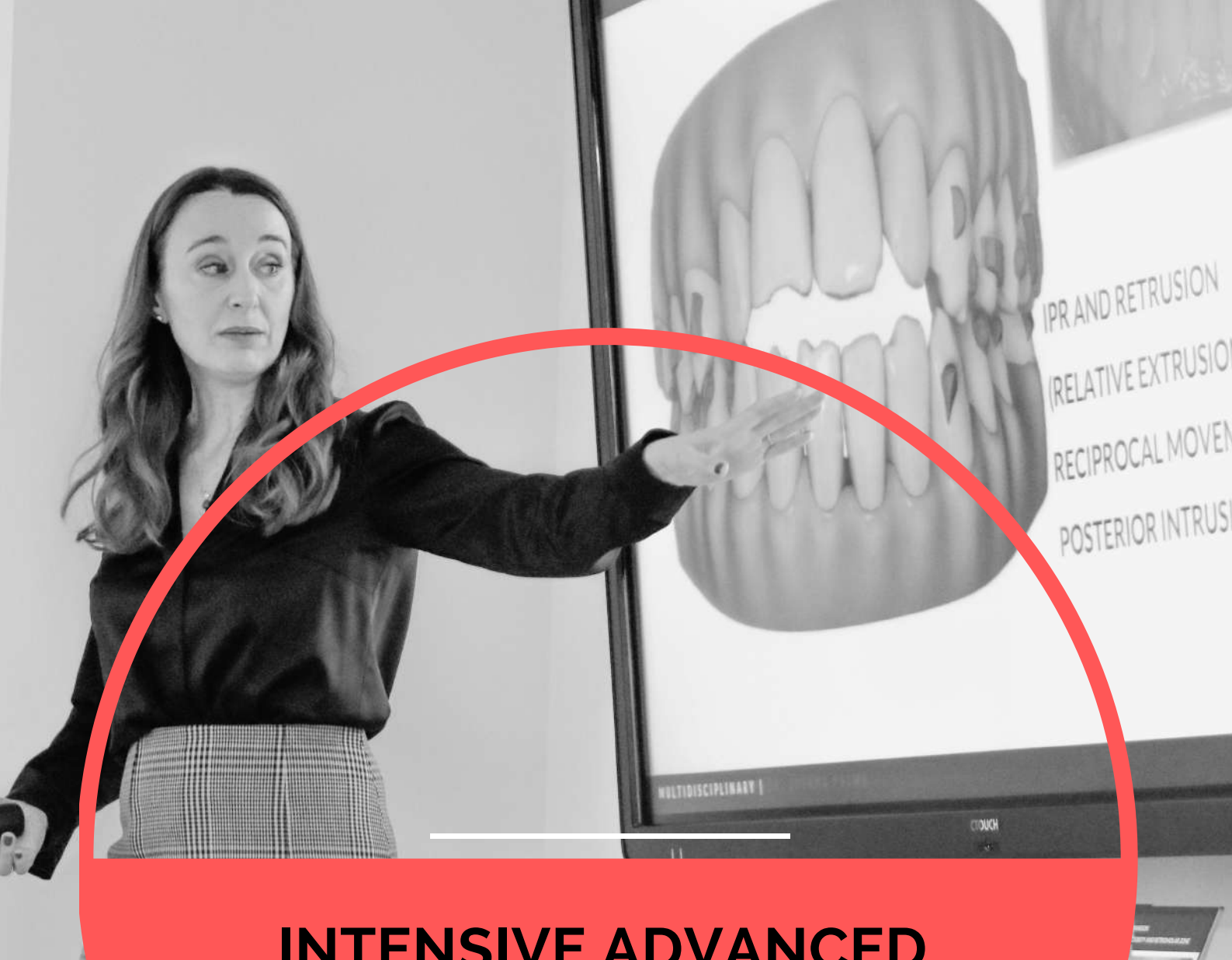
Send us an email to: info@susanapalma.com with the
following details: **Name and surname, telephone number.**

The In-house course you wish to sign up for.

On receipt of you email we will contact you with
information and availability of each course.

My telephone: **+34 600 95 04 90**

If you are a group of doctors interested in taking part, please contact with us at
info@susanapalma.com. We can organise this intensive course in any country throughout
Europe.



INTENSIVE ADVANCED BIOMECHANICS 4 DAY COURSE (2)

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INTENSIVE ADVANCED BIOMECHANICS 4 DAY COURSE (2).

1. BIOMECHANICS IN MULTIDISCIPLINARY PATIENTS WITH AND WITHOUT AUXILIARY TECHNIQUES.

Dynamic evaluation of the ClinChecks (Invisalign) and i-orthos (Angel Aligners)
Simultaneous/sequential and reciprocal movements.

-BIOMECHANICS WITHOUT AUXILIARY TECHNIQUES.

Biomechanics for transversal plane.

Biomechanics for sagittal problems.

Biomechanics for vertical problems.

-BIOMECHANICS WITH AUXILIARY TECHNIQUES.

TADs / Implants / Locatelli / Power arm

TROUBLE SHOOTING AND FINISHING.

- Open posterior bite. How to prevent it and how to solve it.
- Sagittal bowing.
- Transversal bowing.
- Extraction cases. Preventing bowing.
- Keys for outstanding finishing.

2. ASYMMETRIES CASES.

ORTHOPEDIC APPLIANCES

Effectiveness And Efficiency		TWIN BLOCK: HIGH EFFICIENCY AND EFFECTIVENESS Supplemental Mandibular Increase = 3.4 mm Average duration of treatment = 13 months Coefficient of efficiency = 0.26 mm/month
		HERBST: * HIGH EFFICIENCY AND EFFECTIVENESS Supplemental Mandibular Increase = 3.0 mm Average duration of treatment = 10 months Coefficient of efficiency = 0.28 mm/month
		ACTIVATOR: AVERAGE EFFECTIVENESS AND EFFICIENCY Supplemental Mandibular Increase = 2.7 mm Average duration of treatment = 18 months Coefficient of efficiency = 0.17 mm/month
		FR-2: LOW EFFECTIVENESS AND EFFICIENCY Supplemental Mandibular Increase = 2.0 mm Average duration of treatment = 23 months Coefficient of efficiency = 0.09 mm/month

DR. SUSANA PALMA

education@ortopalma.com

CTOUCH

INTENSIVE ADVANCED BIOMECHANICS 4 DAY COURSE (2).

3.COMPLEX BIOMECHANICS IN ADULT PATIENTS WITH TADs and ALIGNERS.

Protocols to prevent additional aligners in complex Class II cases.

Therapeutic strategies to maintain posterior anchorage.

Protocol to camouflage with orthodontic treatment skeletal class III cases.

Protocol to Level the Spee Curve and correct severe Deep bite.

Protocol to effective molars intrusion to close Open bites.

Protocol to management of impacted canines with aligners.

- For that purpose, we will address the uses of TADs to:

1. TADs to correct Class II. Upper simultaneous distalization.
 2. TADs to correct Class III. Lower simultaneous distalization.
- Use of TADs to provide posterior anchorage in simultaneous distalization in three different positions.
 - Three different options: IZC screw/Inter- Radicular/ Tuberosity or retromolar zone for double cable mechanics.
 3. To mesialize upper or lower arch.
 4. For Open Bite correction.
 5. To intrude molars due to lack of antagonist.
 6. To control bowing; extraction cases.
 7. To upright molars.
 8. To level the occlusal plane. Canting correction.



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This course will be held at Dr. Susana Palma's Office in Ciudad Real.

Theoretical and practical with real patients.

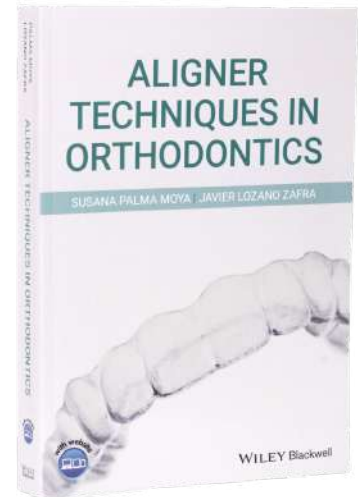
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