



Master Damon

Dr. Rafael García Espejo
Dr. Ramón Perera Grau

Specialization Course



Master Damon



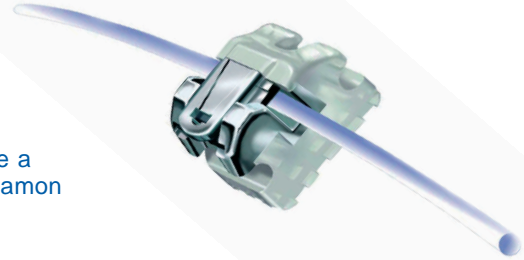
Introduction

Today, low friction has stopped being a promise of the future to become a solid reality in today's Orthodontics, and it is well represented by the Damon System.

Dr. Damon has been the first one to combine Passive Self Ligation with high tech wires, specially designed, and he has developed a protocol of a very simple and efficient treatment; working in a low friction environment and using very light forces, teeth move to physiologic positions determined by the equilibrium of all the estomatognathic system, and this gives us results that a few years ago were unthinkable.

The three basic columns in which this treatment stand on are **passive self ligating brackets**, **high tech wires** and an specific **protocol** that allow treatment of complicated cases with the change of only 3 or 4 arch wires in less time than other techniques and with a facial change that is really beautiful, always led by gnathologic principles of functional occlusion.

Besides, the mechanic system allows the simplification of the orthodontic technique avoiding the use of any auxiliary appliances such as expanders, transpalatal wires, distalizers, etc., it also eliminates all the limitations such as the anchorage management and it reduces drastically the need for extractions of permanent teeth and the need of surgery. All this, complemented with functional appliances, leads us to a new perspective, the promotion of the smile and the face driven treatment on top of any other objective.



Doctor García Espejo and Dr. Perera are well known Orthodontists that have a vast reputation not only as being excellent teachers but also for their efficiency in the final detailing of their orthodontic cases.

After working very hard training themselves in different Orthodontic techniques, they got together in 2001 in the Damon System and since then they were transformed and now are advocates of this System.

Since they visited Dr. Damon in his clinic in Spokane, Washington, USA in 2003, they have limited their clinic to the Damon System, since they believe it is the best System available in Orthodontics of the 21st. Century.

Dr. García Espejo and Dr. Perera are pioneers in this System, not only in Spain and Europe, but also in America where their experience has been known and they visit to exchange their ideas everywhere.

Dr. Damon himself supports them, since they have a very direct relationship with him, to discuss cases and to improve the system in every way possible.
For this reason, Dr. García Espejo and Dr. Perera have developed a program of Masters in the Damon System in regards to the following specifications:

1. A LARGE CLINICAL EVIDENCE: The experience gathered throughout the years has enable them to have a large number of clinical cases treated with the Damon System, they have over 1500 cases that can be followed with all their records and photographs, with all the sequences of treatment.

2. STARTING FROM THE BASIS: This will enable the student to evaluate the system step by step of the way without limitations.

3. CLINICAL ORIENTATION: There will be workshops and hands-on seminars that will enable the participant to develop the basic techniques, and the follow up of clinical cases directly at the doctors' office.

4. TREATMENT PROTOCOL: This will take the participant from the beginning to the end step by step of the way placing a special emphasis on the finishing procedures.

5. PLANNING THE TRANSFORMATION TO BECOME EXCLUSIVELY A DAMON SYSTEM USER:
This includes:

- a. Training the staff
- b. Office protocols and new administration
- c. Marketing



Dr. Rafael Garcia Espejo

Doctor in Surgery and Medicine from the University of Córdoba.
Specialist in Estomatology. University of Seville.
Master Degree in Orthodontics and Dentofacial Orthopedics from the University of Seville.
Professor of Dental Health. University of Córdoba
Author of several publications. **He has given courses and conferences both at national and international congresses.**
He has taught the Damon System in Spain, Europe as well as in USA and Latin America. He has shared the podium with Dr. Damon and other distinguished Damon followers in the different Forums held in Palm Springs, California, USA (2006) Monaco (2005, 2006), Barcelona (2007) and Rome (2008).
He is a Member of the SEDO, AESOR, AIO and WFO.
He is Academic Member of the Academy Pierre Fauchard in the Spanish Section.
His private practice is limited to Orthodontics in Córdoba, Spain.



Dr. Ramon Perera Grau

He studied his degree in Medicine and Surgery in the University of Barcelona.
Specialist in Estomatology from the University of Barcelona.
Postgraduate Degree in The European Center for Orthodontics in Madrid.
He got his Diplomate in the "Roth-Williams Center for Functional Occlusion".
He is a Member of the Spanish Society of Orthodontics (SEDO), since 1991.
He has taught courses on the Damon System in Spain, Monaco and Italy.
He participated in the II, III and IV European Damon Forum held in Monaco (2006), Barcelona (2007), Rome (2008).
He has published several scientific articles.
His practice is limited to orthodontics in Lleida and Tarragona, Spain.

Course Outline

GENERAL CONCEPTS

Introduction and objectives

Self ligating appliances: passive and active.

Historic evolution of Self-ligating appliances.

Clinical evolution of the conventional system to the Damon System.

Fundamentals of the low friction biomechanics.

Clinical management of the different brackets of the Damon System.

Differential torques. Indications.

Bracket bonding. Position of the brackets. Use of different materials to insure good bracket bonding.

Different techniques in bracket bonding: direct and indirect.

Auxiliary elements.

Phases of treatment.

Characteristics of the wires. Wire selection. Wire sequence.

Intermaxillary elastics. Potential use of elastics.

Tips and tricks and advises.

Emergency management.

Adapting the office to the Damon System.

Marketing strategies.

1. Dental Crowding

Non extraction treatment

- Mechanics
- Stripping
- 2 by 4: Indications (D-Gainer)

Extraction treatment

- Indications
- Space closure mechanics
- Extractions? No thank you
- Borderline cases, what is the limit?

TRANSVERSE PROBLEM

2. Posterior cross bite

- Posterior development of the arch "adaptation"
- Posterior cross bite without auxiliary appliances
- Limits to posterior expansion
- Failures

SAGGITAL PROBLEMS (AP)

3. Class II malocclusion

a. DENTAL: the power of the class II elastics and its differential effect in regards to conventional mechanics.

b. ESQUELETAL: orthodontic and orthopedic treatment combined with the Damon System.

Direct advancement of the mandible with functional appliances (Herbst, Klammt, twin block, bionator, activator, etc.)

Previous tooth alignment (Herbst, Forsus,...)

4. Class III malocclusion



VERTICAL PROBLEMS

5. Deep bite.
6. Open bite and miofunctional tongue dysfunction.
7. Treatment of periodontally involved patients.
8. Treatment with tooth impactions.
9. Treatment of patients with early losses or teeth congenitally missing. Treatment of the prosthetic patient.
10. The 70% group.
11. Treatment of the non-compliant patient. Rushed treatment.
12. Treatment of the "class IV patient".
13. Finishing and detailing the case: tips to get an excellent result.
14. Smile evaluation.
15. Retention. The "Damon Splint". The bonded retainers.

OPTIONAL

To develop the **clinic with live patients** to which participants must visit the Drs. Offices, in Córdoba and Lleida.

- Starting the case (direct end indirect bonding procedures).
- Following the case in the first phase.
- Follow up of the case in the second or intermediate phase.
- Follow up of case in the third and final phase.
- Finishing the case.
- Debonding.
- Retention, Damon splint, bonding of the lingual retainers.
- Case presentation by the participants.
- Closure and Diploma delivery.

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