

# MYOFUNCTIONAL ORTHODONTICS

## TRAINING SEMINAR 2012

Millions of children have malocclusion,  
now you can treat all of them without braces.



### Cases treated with MRC's appliance system



## Introduction

The demand for non-extraction, non-braces orthodontics is growing. The concerns over relapse after treatment with braces and the use of permanent retainers has caused many patients, parents and even dental professionals to question the long-term efficacy of orthodontics with fixed appliances (braces).

Myofunctional Research Co (MRC) have developed a complete range of myofunctional orthodontic appliances that not only treat malocclusion without braces, but also offer other benefits such as improved facial development and better stability.

The first MRC Clinic opened in 2010 and offered a new concept in practice management that delivered myofunctional orthodontic treatment more cost effectively to children of all socioeconomic groups. With many of these clinics opening world-wide and as a result of the high demand for this system, MRC has developed the Myobrace Certified Provider program.

This course will demonstrate how to be part of this program, and how to integrate MRC's appliances and comprehensive educational materials into your practice. This will assist you in profitably providing myofunctional orthodontic treatment to all children from 5-15 years of age.

Informed parents are increasingly concerned that the only way to ensure their child's orthodontic results are maintained for life is to use permanent retainers or to expect relapse and potentially the need for future re-treatment. Add to this the extremely high chance of root damage of up to 4mm of loss of root length. (Am J Orthod Dentofacial Orthop 2011;139:e495-e503)

Myofunctional orthodontics is a viable and effective treatment method that provides long-term benefits to both the patient and the doctor. This course will show how you can profit from this change.



### Dr Chris Farrell BDS Sydney

Dr Chris Farrell graduated from Sydney University in 1971 with a comprehensive knowledge of traditional orthodontics using the BEGG technique. Through clinical experience he took an interest in TMJ/ TMD disorder and after further research, Dr Farrell discovered that the etiology of malocclusion and TMJ Disorder was

myofunctional; contradicting the established views of his profession. Dr Farrell founded Myofunctional Research Co. (MRC) in 1989 to develop myofunctional appliances that would prove to be effective in early orthodontic treatment. His *Trainer* and *Myobrace* appliance systems are now used by orthodontists and dentists in over 100 countries.

## Regular Presenters



### **Dr John Flutter** BDS London

Dental Surgeon

Dr Flutter has practiced general dentistry and orthodontics for thirty-seven years, gaining his qualification as a dentist at Kings College Hospital Dental School at the University of London in December 1971 before moving to Australia in 1977. He now works exclusively in

dentofacial orthopaedic and orthodontic treatment for adults and children. He has been involved with *MRC* for over a decade, presenting lectures on myofunctional influences on facial growth and the dentition in 66 countries in the last twelve years.



### **Dr Barry Raphael**

Orthodontist

Dr. Barry Raphael has practiced orthodontics for 27 years. During this time, he has benefited from all the advances that modern orthodontic treatment has to offer, including functional orthodontics and low-force, low-friction techniques. Although Dr. Raphael has been practicing orthodontics for almost 3 decades, he has only recently begun to recognise the benefits of

myofunctional therapy in his practice. He also has first-hand experience with moving from a "tooth-centric" philosophy of orthodontic mechanotherapy to a "musclecentric" philosophy of orofacial development. Dr Raphael offers clinical insight into the changes he's made in his own practice and where he thinks orthodontic practice and education are heading.



### **Dr German Ramirez-Yañez**

Dr. German Ramirez-Yañez has over 20 years of experience in treating malocclusion in its earlier stages by using a functional approach. He has published more than 20 scientific articles in peer-review journals about functional appliances and the biological rationale for functional treatment. His book titled "Early Treatment of

Malocclusions: Prevention and Interception in Primary Dentition" takes an in-depth look at craniofacial growth and development, the patho-physiology of functional disorders in the craniocervico-mandibular system and how the craniofacial structures are modified by functional appliances.

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## Introductory course

- *MRC* - 20 years of education and appliance development.
- The limitations - of traditional orthodontics.
- Soft tissue dysfunction - diagnose the underlying causes of malocclusion.
- Myofunctional orthodontics - the way forward.
- Myofunctional orthodontic appliances - an introduction to *MRC*'s appliances.
- How to make it work - patient education brings a new dimension to your treatment and practice.
- Improving profitability - *MRC* runs its own clinics on a for-profit basis.

## Advanced course

- Review of the basics - myofunctional orthodontics.
- Myofunctional diagnosis - treat more effectively.
- *MRC*'s myofunctional orthodontic appliances - advanced appliance insight.
- Additional appliances - *Bent Wire System*, *Biobloc* and *Myolay*.
- Hands-on training - using clinical and educational tools.
- Better patient motivation - how to motivate the patient to be your best treatment modality.
- Implementing myofunctional orthodontics - putting it together for a win/win situation in your practice.

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