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R. BRUCE MC FARLANE

FUNDAMENTALS OF ORTHODONTICS IN THE GENERAL PRACTICE

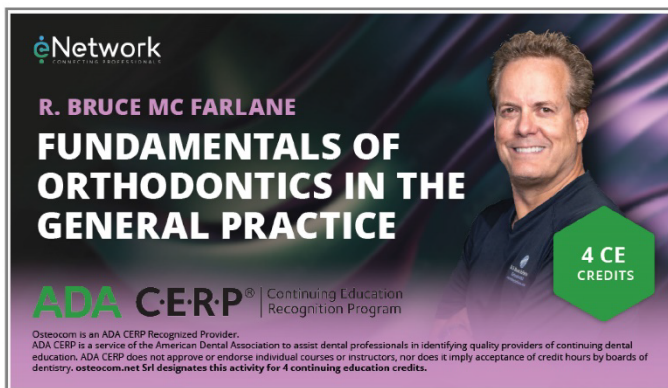
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Fundamentals of Orthodontics in general practice

by Bruce McFarlane D.M.D, B.Sc.D, MCID



SUMMARY



Topic:

Discover how to start treating orthodontic cases by following few, simple and effective indications.



Objectives:

At the end of this course you will be able to:

- Select orthodontic cases suitable for your particular skill set
- Be aware of severe orthodontic cases to not deal with
- Diagnose and plan cases to reach successful outcomes
- Understand orthodontic terminology and techniques
- Be comfortable with the appliance's selection and placement
- Manage appliance adjustments and archwire manipulation
- Utilize clear aligner confidently
- Manage case finishing and retention
- Make Orthodontics profitable for your general practice



About the author:

Dr. Bruce McFarlane is an American Board-Certified Orthodontist and a world-renowned lecturer. McFarlane's goal is to share his knowledge and experience with general dentists who want to start dealing with orthodontics.

LEVELS

Difficulty ●●●●
Theory ●●●●●
Practice ●●●

KEY INFO



English



On Demand



Orthodontics



4h 30min



8 theoretical video lectures

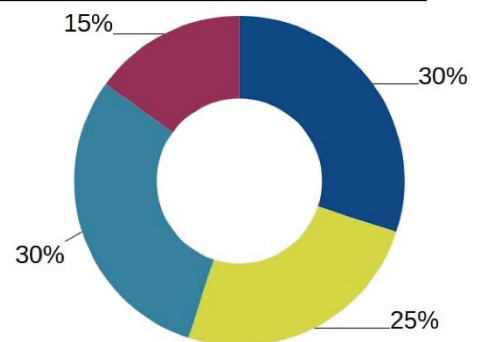


Surgery No



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SKILLS YOU WILL LEARN



- Clear Aligners Treatment Protocol
- Functional Analysis
- Orthodontic Opportunities for General Dentists
- Different Treatment Options



Why to enroll:

- There's a **huge demand for simple orthodontic treatments** and by attending this course you'll be able to **start including orthodontics in your general practice**.
- You will understand how to **plan, start, execute** and **finish simple orthodontic treatments** with the use of clear aligners or appliances.
- Dr. McFarlane will explain you the **proper orthodontic treatment timing** and **sequencing** in both mixed and permanent dentition.

Description of the course:

Dr. Bruce **McFarlane** and osteocom welcome you to “**Fundamentals of Orthodontics in the general practice**”, the new video course designed to **encourage general dentists** to approach **Orthodontics** and **boost their clinical activity** by opening up to a broader number of potential **patients**.

In fact, according to Dr. McFarlane, there has been a **huge increase in consumer demand** for simple and non-invasive orthodontic treatments and this, combined with the amazing **development of technologies** in the industry, has made the **incorporation of orthodontics** into the modern general practice **more accessible** than ever before.

This course will explore the fundamentals of Orthodontics to provide general dentist with the necessary set of theoretical and practical skills to tackle simple orthodontic cases by relying also on the **latest digital protocols** and **devices**.

Several clinical clips will be shown and commented and participants will have a clear understanding of the **process** to be followed to start treating orthodontic cases in a gradual, **profitable, safe**, and **predictable** way.

Main topics covered in this course:

- Careful **case selection** and treatment **timing** for predictable success
- Key points of orthodontic **diagnosis** and **treatment planning**
- **Records gathering** and interpretation
- How to **avoid devices** that require a lot of **patients' compliance**
- Case **initiation, execution** and **finishing**
- How to start **marketing orthodontics** for the general practice

At the end of this course, you will be able to:

- Confidently **select orthodontic cases** suitable for your skill set

- Be aware of severe orthodontic cases to **not deal with**
- **Diagnose** and **plan** cases to reach successful outcomes
- Understand **orthodontic terminology** and **techniques**
- Be comfortable with the **appliances selection** and placement
- Know the **sequence of appliance** adjustments and archwire manipulation
- Utilize **clear aligner** systems confidently
- Set up **cosmetic and prosthetic cases** for optimal results
- Understand case **finishing**

Download the online video course pack and full curriculum outline.

Who the course is for:

This course is recommended to all **general dentists** who are interested in safely and profitably **incorporating Orthodontics** into their daily clinical routine.

This course includes:

- **8** theoretical video lectures
- Several **clinical clips** with step-by-step commentary by the lecturer

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Learning Assessment and how to get CE credits:

This video course consists of 1 module. At the end participants are requested to take an on-line multiple-choice questionnaire. The purpose of the test is to provide a self-assessment mechanism on the achieved learning of the proposed topics. It is mandatory to answer correctly at least 75% of the questions, with a maximum of five attempts available, to pass the quiz. Completion of the course will be achieved after watching the video lessons in full, passing all the quizzes and completing the evaluation form. Participants who have watched all the video lessons in full and attempted all the quizzes at least once can download a verification of participation form attesting their participation in the course. If you would like to better explore a topic related to some questions, if you would like to receive feedback about the results or if you have any doubts related to the quiz, do not hesitate to write to ceprogram@osteocom.me.

Conflict of Interest Disclosure Statement:

Dr. Bruce R. McFarlane has no conflicts of interest associated with this course. He has no relevant financial relationships to disclose.

Interaction with the author / questions related to the scientific content of the course:

If you would like to raise a question, present a clinical case related to the topic of the course, or receive any other information regarding the scientific content of the course, please do not hesitate to write to ceprogram@osteocom.me.

Potential risks:

Participants must always be aware of the hazards of using limited knowledge in integrating new techniques or procedures into their practice. Only sound evidence-based dentistry must be used in patient therapy.

Technical assistance and support:

Please do not hesitate to send a message by writing into the green chat box on the right of the main screen if you need any technical assistance or support.



Video Lectures:

Video Lecture 1 - An introduction to the world of Orthodontics (20min)

Description:

In this introductory video lesson, Dr. McFarlane explains why general dentists should consider including **Orthodontics** in their **daily practice**. The key point of this presentation is to show which are the most important orthodontic treatment phases and which are the details to pay attention to in order to achieve optimal outcomes. For this reason, Dr. McFarlane focuses on the case selection, record gathering, treatment planning, execution, and finishing phases.

In particular, this lesson covers the following topics:

- An **overview** of the **main topics** treated in this course
- The importance of proper **case selection** based on your level of **expertise** and **confidence**
- Why should general dentists consider introducing Orthodontics in their daily practice?
- Why is Orthodontics an incredible opportunity for general dentists?

Video Lecture 2 - Case selection paradigms (20 min)

Description:

Understanding **which clinical cases to choose** is of fundamental importance for practitioners who want to take the **first steps in practicing Orthodontics**. It is important to begin this journey **step by step** to avoid serious consequences.

Dr. McFarlane show a series of **cases to be avoided**, as well as a series of clinical cases that are **perfect for a first-timer**.

In particular, this lesson covers the following topics:

- **Rules for general dentists** that want to introduce Orthodontics in their daily practice
- Ideal clinical cases for beginners vs clinical cases to avoid
- The need for predictable outcomes

Video Lecture 3 - Diagnostic procedures (1h)**Description:**

Proper diagnosis and treatment plan are key to success in Orthodontics.

In this lesson, Dr. McFarlane shows which **factors** to watch out for during **preliminary analysis of the treatment**, as well as how to **detect** different classes of **malocclusion** and other **orthodontic disorders**.

Dr. McFarlane also discusses the proper **diagnostic protocol** to be followed focusing on **facial analysis**, facial profile, nasolabial angle, dental relations, periodontal analysis, oral hygiene, and **functional analysis**.

In particular, this lesson covers the following topics:

- The **importance** of a **correct diagnosis**
- What to do depending on the **different stages** of the patient's **dental relations**, such as mixed dentition, overjet, overbite and crowding
- Understand the **limitations** that **periodontal diseases** put to Orthodontics
- The principles of **functional** and **aesthetic analysis**
- How to create a proper **consultation form** to examine the patients' clinical situation

Video Lecture 4 - How to collect records (12min)**Description:**

Dr. McFarlane presents a **step-by-step overview** of the proper **treatment planning pathway**. From **record gathering** to **pathologies detection**, every orthodontic treatment option is discussed in this complete video lesson.

In particular, the lesson focuses on panoramic **X-ray techniques**, **cephalometric radiography** and tracing, and **intra and extra-oral photographs** techniques.

This lesson covers the following topics:

- A focus on the **mechanical forces** that cause **teeth movement**
- How to collect the patient's **digital record**
- Early orthodontic treatment
- Orthodontic treatment in **adult patients** without **teeth extraction**
- How to avoid **root resorption** and **anchorage**

Video Lecture 5 - Treatment planning (1h 35min)

Description:

In this video lesson, Dr. McFarlane explains the importance of the **timing** and **sequencing** of the different phases of the orthodontic treatment with **clear aligners**. By attending this lesson, you will understand that you **don't necessarily have to treat severe cases** as you **can profit** from **easier** and more treatable ones.

In particular, this lesson covers the following topics:

- How to analyse a panoramic film paying attention to teeth condition
- Lateral cephalometric protocol
- Straight wire philosophy
- The proper molar relationship and the correct curve of Spee, spacing and tooth size
- How do teeth move?
- How to avoid root resorption

Video Lecture 6 - Case initiation, execution and finishing (40min)

Description:

In this video lesson, Dr. McFarlane describes the **workflow to be followed** after planning the orthodontic treatment. You will learn how to **place attachments** ensuring a full adaption with the **teeth enamel** and you will deepen your knowledge about **case finishing** and **retention** with customized devices.

In particular, this lesson covers the following topics:

- What to do on the clear aligner **delivery day**
- How to place high **aesthetic attachments** to match teeth enamel
- **Template tray** preparation
- **Home instructions** for the patient
- Aligner **fit issues** and their **causative factors**

Video Lecture 7 - Marketing key rules for Orthodontics (17min)

Description:

In this video lesson, Dr. McFarlane discusses some **online marketing tips** for your orthodontic practice, as well as the importance of taking care of **social media profiles** and **website** to enhance the **visibility of your clinic** and attract new patients.

Video Lezione 8 - Further education (4min)

Description:

This final lesson illustrates some possibilities for participants to **continue their educational journey** in the field of Orthodontics.



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