osteocom
The dental learning platform



Partial Extraction Therapy

by Dr. **Mark Bishara**

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The Course:

Dr. Mark Bishara and osteocom welcome you to "**Partial Extraction Therapy**", the online course dedicated to a revolutionary technique that offers long-term stability of soft and hard tissue around implants.

Hard and soft tissue resorption processes are strictly connected to the **loss of the periodontal ligament**, and they represent a key risk factor in the development of recessions.

Therefore, the idea of being able to **preserve the tissues** by maintaining - or better, partially maintaining - **the root of the tooth as a "shield" against resorption** may represent a paradigm shift in restorative dentistry.

The collection of clinical and theoretical videos portrayed in "**Partial Extraction Therapy**" offers a detailed overview of the reasons that led to the design and development of the **Socket Shield Technique.**

The course allows the learner to **review the scientific backbone** of the technique, analyze its **clinical application for direct implementation** and get a deeper understanding of the potential of this approach via **a series of commented clinical cases** with long-term follow up.

Format Description:
The course includes 4 CDE Hours credits (an e-mail with instructions on how to retrieve credits will be sent once the course is completed)

Learning Objectives:

- learn how to perform the Socket Shield technique in immediate implants
- get a better understanding of the Socket Shield therapy stages

- examine the preparation of the edge, the bevel design and the importance of the prosthesis
- analyse indications and contraindications of the Socket Shield technique
- explore sito-specific applications of the Socket Shield technique
- review the required surgical instrumentation and its usage

Lectures: 9

Video: FULL HD VIDEO

Language: English

Video Lectures:

Lecture 1: INTRODUCTION — A PARADIGM SHIFT

This first video introduces why Socket Shield technique should be used in immediate loading implant-supported restorations whenever possible.

Dr. Bishara examines possible alternatives and what are the key indications to proceed with customary socket preservation techniques.

This lecture analyzes the biological rationale behind this technique, and the reason why the Socket Shield technique guarantees predictable results.

Lecture 2: SOCKET SHIELD TECHNIQUE

In this lessons the technique used to create the Socket Shield, including the necessary instruments and the operative steps, will be reviewed by the author.

Different variants of the technique are discussed, including the different possible heights of the Shield with regard to the bone and the implant fixture.

Key factors such as the preparation of the edge, bevel design, the role of the prosthesis and the distance between implant and Shield — gap or no gap are explored.

Lecture 3: SOCKET SHIELD CASE

During this lesson, Dr. Mark Bishara reviews a full clinical case discussion, covering all the stages of the application of the Socket Shield technique and describing the mandatory criteria.

Lecture 4: HISTORY OF THE SOCKET SHIELD TECHNIQUE

When was this technique first described in the literature?

Who are the authors who first began using it?

As a conceptual variant using the biology of the Socket Shield does exist, but only with the purpose of maintaining the volume of the alveolar ridge, Dr. Bishara analyzes both the root submergence teachnique and the Pontic Shield described by Glocker in 2014, in addition to the same idea of creating a proximal Socket Shield, as described by J. Kan. A study by M. Salama and H. Gluckman about the types of failures is also reviewed.

Lecture 5: INDICATIONS AND CONTRAINDICATIONS

As with any technique, the SS is indicated for some cases and contraindicated for others. These cases are analyzed in detail to help determine the correct application in accordance with the objectives of the technique — to maintain the buccal cortical plate without resorption due to the dental extraction.

Lecture 6: DIFFERENT POSSIBILITIES

This Lecture examines the different possibilities involved in the SS concept: proximal SS, the Pontic Shield (PS), orthodontics plus SS, SS in molars, SS and simultaneous apicoectomy and SS on deciduous teeth.

Lecture 7: COMPLICATIONS

In this lecture Dr. Bishara will discuss the early and late complications that may arise when using the Socket Shield technique and their correct management.

Lecture 8: HISTOLOGY

The lecture presents a set of histologies and introduces a series of unpublished images: the direct contact between the dentin and implant without bone mediation, a transformation of the Shield via ankylosis, and a bone bridge that covers the Shield.

Lecture 9: PET Consensus

In November 2017 in Madrid, during the "Jornada Total de Implantología" (JTI), clinicians from all over the world gathered to reach the first PET Consensus. This final chapter presents the results: the height of the Shield, position of the implant, separation of the implant, filling of the gap, etc.

Dr. Mark Bishara

Completed his undergraduate studies in medical biophysics, at the University of Western Ontario and was a gold medal recipient as top graduate of his program. He went on to complete his Doctor of Dental Surgery degree at the Schulich School of Medicine and Dentistry. Since graduating, he practices in the Durham region with a focus on digital workflow, dental implants, bone grafting material regeneration and tissue regeneration. He currently collaborates with members of the Miron Lab in the United States on tissue regeneration utilizing Platelet Rich Fibrin(PRF). He is a published author on PRF , immediate dental implants and clinical applications. He is the President and founder of the Canadian Implant Dentistry Network (CIDN), Canada's largest dental implant community focused on advancing implant dentistry .




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