6TH EDITION FROM BDA

DLS BAHRAIN
INTERNATIONAL DENTAL CONFERENCE & EXHIBITION
مؤتمر و معرض البحرين لطب الأسنان

6CME

PHYSICAL WORKSHOP
FROM IMPLANT DIGITAL PLANNING TO FINAL PROSTHETIC LOADING: THE KEYS TO SUCCESS

Prof. Christian Makary

6 NOVEMBER IN-PERSON

THE ART HOTEL & RESORT | KINGDOM OF BAHRAIN

9:00 am to 3:00 pm

REGISTRATION FEES:

Early fees, before 5/11	85 BD / 850 SR +VAT
Late fees, after 5/11	95 BD / 950 SR +VAT

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INTRODUCTION:

Implant treatment planning is the key for a successful rehabilitation. Recent technological advances, such as 3D radiographic images and digital impressions, revolutionized implant dentistry and simplified case planning and execution. Cone beam computed tomography (CBCT) is a radiographic examination that allows detailed 3D imaging of bone structure and gives the practitioner a new dimension in exploring bone anatomy. Intra oral scanners (IOS), are new devices aiming to capture direct optical imaging of the crest. This digital impression is saved in a digital format and can therefore be superimposed to radiographic digital images through specific softwares. These innovative implant diagnostic softwares can help us analyze the oral condition (hard and soft tissue) as well as the occlusal function. Detailed implant virtual planning can then be performed, and an accurate surgical guide can be prepared accordingly. This guide will allow through an implant guided surgery kit accurate implant placement.

Following implant placement, stability represents a pre-requisite for immediate and early loading protocols. Different parameters such as bone density, implant geometry and surgical technique play a major role in achieving an optimal implant primary stability. Recently an implant presenting a specific geometry and different thread diameters was introduced. Adapting thread diameter to bone density helped attain an optimal implant stability in any bone type. This enhanced and maintained stability along with a favorable bone response to implant macro design and surface treatment can lead to predictable accelerated loading protocols.

During this workshop, step by step digital case planning will be developed, and a clinical and scientific rationale will be presented in order to give the clinician the tools to predictably decide on immediate or early loading protocols.

During the hands-on session participant will learn to use innovative case planning software and manipulate implant surgical instruments to drill and adapt implant thread geometry to bone density. Participants will also be able to test ensuing primary stability by measuring insertion torque and ISQ values of implants in different bone densities.

OBJECTIVES:

- Understand how bone density, implant geometry and implant site preparation technique can affect implant primary stability.
- Comprehend the biological bone response following dental implant placement and its clinical implications.
- Understand the rationale behind the choice of dental implant loading protocols.
- Learn to accomplish complete treatment planning using innovative implant planning software.
- Understand the advantages and learn how to perform a fully guided implant surgical placement.

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BAH/KSA Time	Agenda
9:00 AM - 10:30 AM	Implant primary and secondary stability: Effect of bone density, implant geometry and implant site preparation technique.
10:30 AM - 12:00 PM	Implant digital planning and fully guided implant placement.
12:00 PM - 1:00 PM	Lunch Break
1:00 AM - 3:00 PM	**Hands-on session:** - Measuring insertion torque values and ISQ values variabilities in different bone densities after placing Anyridge implants into bone blocks of different densities. - Digital planning using R2Gate implant software and implant placement following fully guided surgery;
	Discussion / Q & A

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