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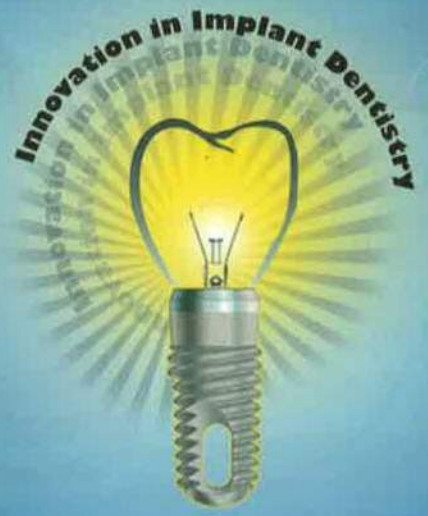
University of Dammam
College of Dentistry
8th Annual Dental Symposium
In Collabration with Saudi Dental Society

تحت رعاية معالي مدير الجامعة
الدكتور / عبدالله بن محمد الربيش

Under the Patronage of
Dr. Abdullah bin Mohammed Al-Rubaish



Innovation in Implant Dentistry

www.DentalSymposium.com/8th

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Message from the Organizing Committee Chairman

It gives me great pleasure and honor to welcome you all to the College of Dentistry, University of Dammam.

Our aim when we set up this august event is to advance oral health science by disseminating up to date clinical and scientific knowledge of dentistry. This year's theme entitled "Innovation in Implant Dentistry" will give the clinicians an opportunity to understand cutting-edge surgical techniques, prosthetic techniques, graft materials and new products available in the field of implant dentistry.

The Scientific Program planned to deliver to all dental professionals the latest in dental technology, advancing skills and expertise through continuing education and obtaining long-term patient relationships. There will be distinguished international and prominent local speakers to share with the participants the latest trends and developments in various dental specialties.

I would like to thank those who undertook the arduous task of planning, collecting and organizing to ensure that the best and finest symposium will be delivered to all participating dental professionals. Last but not the least our sponsors; this symposium cannot be successful without your participation.

I am convinced that every participant will gain an enormous deal of new knowledge from their attendance and be able to put into their practice.

Dr. Fahad Al Harbi
Dean
College of Dentistry
University of Dammam

College of Dentistry

Overview

The Kingdom of Saudi Arabia (KSA) has, throughout its history, taken utmost pride in the number and variety of its academic programs.

With the passing of each new decade the Kingdom has witnessed the development of new scientific disciplines and the establishment of more colleges and universities. Most of these universities and colleges are vibrant and rich in ideas, contributing not only to our student's education but also to the regional growth and prosperity.

The College of Dentistry at University of Dammam fosters the dissemination of knowledge to all disciplines and promotes development in dental education, treatment, and research.

This will translate the values of the university from theory to practice utilizing the assets of openness, respect, commitment, integrity, and intellectual honesty in a milieu of consensus among students, faculty, and the professionals.

College Vision:

The College of Dentistry at University of Dammam is to be recognized nationally and internationally for excellence in the tripartite mission of:

- **Dental Education**
- **Providing Dental and Oral Heath Services**
- **Research in the Dental and Oral Health Ethics**

College Mission:

The vision of the College of Dentistry is to achieve professional excellence in dentistry in accordance with Islamic morality, expecting to build a generation of highly qualified dentists, who will be able to meet the needs of the community, and thereby overcoming the challenges of the 21st century and beyond.

The Eighth Annual Dental Symposium

"Innovation in Implant Dentistry"

INTRODUCTION:

Since the introduction of the dental implant in the late 60s, dental implants play a major role in restoring the dentition. Treating patients with dental implants has become an essential treatment modality in dental practice. There have been more than 200 dental implant types in the global market that might make dental professionals uncertain about "Which system to select".

For achieving optimum results there are several factors to be considered such as patient approach, treatment planning and techniques for implant placement and restorations.

AIM:

The aim of the symposium is to expose audience to different dental implant systems and the latest updates related to the success of dental implant supported restorations.

OBJECTIVES:

At the end of the meeting participants shall:

- Be oriented about strategies and sequencing for planning treatment with dental implants.
- Be exposed to strategies for managing compromised cases with dental implants.
- Acknowledge the different techniques for restoring different unusual prosthetic conditions.
- Have the chance to participate in hands on training on new advanced techniques in restoring dental implants.
- Have the opportunity to attend live surgeries.
- Learn about new trends in restoration with dental implantology.
- Be exposed to new dental implant systems and techniques that make the professional career easier and enjoyable.
- Obtain professional knowledge from experts in the field.
- Be exposed to current restorative materials that facilitate managing different conditions.

Scientific Program Schedule May 26, 2010

Basic Dental Implant Session

Chairperson of First Session: **Dr. Asim Al Ansari**
Co-Chairman: **Dr. Mohammed Maghdi**

8:00 – 8:40	History and Evolution of Dental Implants **Dr. Hamad Al-Harthy**
8:40 – 9:20	Basic Assessment and Treatment Planning for Dental Implants **Dr. Ali Al-Ghamdi**
9:20 – 10:00	Series of Simple Dental Implant Cases (including treatment planning and management) **Dr. Carlos Sabrosa**
10:00 – 10:40	***Opening Ceremony*** **Coffee Break**
10:40 – 11:20	Undergraduate Dental Implant Education, A Contemporary Reality **Dr. Esam Tashkandi**
11:20 – 12:00	Implant Facts [Dimensions-Insertion (Immediate, Delayed Immediate, Delayed)] **Dr. Khalid Al- Hezaimi**
12:00 – 12:40	Sinus Graft Surgery **Dr. Kamal Busaidy**
12:40 – 14:00	**Lunch Break and Prayer**

Advanced Dental implants Session

Chairperson of Second Session: **Dr. Manal Al Mohaisen**
Co-Chairman: Dr. Rasha Alsheikh

14:00 – 14:40	The Concept of Socket Preservation and Guided Bone Regeneration **Dr. Kamal Busaidy**
14:40 – 15:20	Bone grafting for Dental Implants **Dr. Badr Al Jandan**
15:20 – 16:00	Esthetic Zone Assessment **Dr. Mohammed Bahanshal**
16:00 – 16:30	Buccal Bone Remodeling Following Tooth Extraction **Dr. Khalid A. Al-Hezaimi**

Scientific Program Schedule May 27, 2010

Special Consideration, Treatment Modification, Controversies and Complications

Chairperson of First Session: **Dr. Basma A. S. AlMaghlouth**
Co-Chairman: **Prof. Amr Mahrous**

8:30 – 9:10	Series of Implant Advance / Complex Cases **Dr. Sami Al farsi**
9:10 – 9:50	Implant Site Radiographic Assessment **Dr. Raed Al-Sadhan**
9:50 – 10:30	Implants in Patient with Advanced Periodontal Disease **Dr. Mohammed Al-Zahrani**
10:30 – 10:50	**Coffee Break**
10:50 – 11:30	Immediate Placement and Loading **Dr. Carlos Sabrosa**
11:30 – 12:10	Implants in Medically Compromised Patients (HTN, DM, BRONJ) **Dr. Hamad Al-Harthy**
12:10 – 13:30	**Lunch Break and Prayer**

Chairperson of the Second Session: **Dr. Alabbas Hammidudin**
Co-Chairman: **Dr. Moataz ElGezawi**

13:30 – 14:10	Complications of Dental Implants **Dr. Ali Al-Ghamdi**
14:10 – 14:50	Soft Tissue Management for Dental Implant Patients **Dr. Ahmad Al-Yamani**
14:50 – 15:40	Implants in Growing Patients **Dr. Adeeb Al Omrani**

Workshop Schedule

May 26, 2010

Dental Implant Placement
By: Dr. Carlos Sabrosa (Brazil)
Implant dentistry is a reality today. General dentists should be exposed to both surgical and restorative phases to incorporate implant dentistry into their practices as well as help treatment planning complex cases together with a specialist.
This workshop session will help understanding of the clinical surgical procedures to place dental implants. Participants will be able to place implant "dummies" into acrylic mandibles following desirable protocols for implant placement.

May 27, 2010

Prosthetic Steps for Dental Implants
By: Dr. Carlos Sabrosa (Brazil)
Implant dentistry is a reality today. General dentists should be exposed to both surgical and restorative phases to incorporate implant dentistry into their practices as well as help treatment planning complex cases together with a specialist.

This workshop session will help understanding of the clinical prosthetic procedures to restore dental implants. Participants will be able to handle different implant components as well as make a final impression of the implant and fabricate a screw-retained provisional restoration over a dental implant.

Organizing Committee Members

Chairman: Dr. Fahad Al Harbi

Members:

Dr. Adel Al Agl

Dr. Badr Al Jandan

Dr. Fawzia Al Freihi

Prof. Hala Bahgat

Dr. Afaf Tawati

Dr. Yousif Al Dulaijan

Dr. Muhanad Al Hareky

Dr. Sulaiman Shahin

Dr. Faisal Al Qarni

Mr. Khalid Hamad

Mr. Saeed Al Bayat

Mr. Saeed Mayed

Mr. Nasser Al Kaabi

Dental Assistants / Dental Technicians

Dr. Carlos Sabrosa

Brazil

Dr. Carlos Sabrosa graduated from Universidad Estadual do Rio de Janeiro in 1992. After which he finished his Master Degree of Science Biomaterials / Prosthodontics in Boston University Goldman School of Dental Medicine. Apart from the many achievements of Dr. Sabrosa, he is the Director of Postgraduate Program in Prosthodontics in Universidad Veiga de Almedia and an Associate Dean for Clinical Affairs. Since 2000 Dr. Sabrosa initiated a private practice in Rio de Janeiro, Brazil specializing in Prosthodontics and Oral Rehabilitation.

Series of Simple Implant Cases (including treatment planning and management)

May 26, 2010 (9:20-10:00)

IMMEDIATE PLACEMENT AND LOADING

May 27, 2010 (10:50-11:30)

Over the past 15 years, dental esthetics has been important issues in implant dentistry, pointing out for the need of a thorough analysis of several parameters during treatment planning. Many factors are of importance in the search for an ideal esthetic outcome, such as tri-dimensional positioning of the implants, anatomy of the alveolar ridge, periodontal phenotype, restorative materials used, and the dimensions of the edentulous space.

Moreover, immediate loading has become an important topic in implant dentistry especially when immediate placement after extraction is a possibility.

The objective of this lecture is to review the literature regarding immediate loading and immediate placement after extraction. Furthermore it will discuss techniques to extract existing teeth, immediate placement of an implant as well as immediate loading of implants.

Dr. Hamad Al-Harthy
Oman

Dr. Hamad Mohammed Al-Harthy is the current president of the Oman Dental Society. He is also a senior consultant for Oral and Maxillofacial Surgery in Al Nahda Hospital since 2009 and a senior lecturer for Sultan Qaboos University and Oman Dental College.

Dr. Hamad Mohammed Al-Harthy is a graduate from Dental School, Glasgow University, United Kingdom in 1996. Dr. Al-Harthy obtained his fellowship in 2007 for International College of Dentistry and in 1999 he became he obtained his fellowship Dental Surgery (Omfs/Oral Med) from Royal College of Surgeons of England, U.K.

History and Evolution of Dental Implants
May 26, 2010 (8:00 – 8:40)

Historically the findings from the mayan civilization in Honduras was the first evidence of the use of endoessous implants in the world. However, dental implant has undergone rapid changes in the resent years from the initial description in 1952 till it's practical applications as an osseointegrated implant in 1965 with emergence of the many internationally acceptable dental implant systems.

This lecture will highlight the history and development of dental implant with the different types of systems and implants used over the years along with bone and soft tissue physiology including osseointegration and wound healing.

Implants in Medically Compromised Patients
May 27, 2010 (11:30 – 12:10)

Success of any dental implant is fundamentally based on case selection many medical conditions play an important role in patient selection for long term success of dental implants. Local and systemic condition may be a relative or absolute contraindication for the dental implant procedures. Some of these common conditions will be discussed with highlights and emphasis on the most frequent medical conditions encountered in general dental practice in the region.

Dr. Kamal Busaidy
USA

Dr. Kamal Busaidy is a specialist in Oral and Maxillofacial Surgery. He received a BDS degree from the University of London, U.K. in 1992. Thereafter, Dr. Busaidy successfully completed Oral and Maxillofacial Surgery residency training at the University of Texas Health Science Center in Houston, graduating in 2002. A significant part of Dr. Busaidy's clinical practice is devoted to orthognathic surgery and reconstruction. Dr. Busaidy is a Diplomate of the American Board of Oral and Maxillofacial Surgery. Currently Dr. Busaidy is Associate Professor of Oral and Maxillofacial Surgery at the University of Texas Health Science Center at Houston and Clinical Assistant Professor of Head and Neck Surgery at the M.D. Anderson Cancer Center, in Houston, Texas. Dr. Busaidy is a Fellow of the American Association of Oral and Maxillofacial Surgeons and a Fellow of the American Dental Society of Anesthesiology.

Sinus Graft Surgery
May 26, 2010 (12:00 – 12:40)

This lecture will cover techniques and materials for bone grafting to the maxillary sinus, and present a comparison of outcomes between immediate implant placements in sinus grafts versus delayed. In addition, chronic sinusitis will be discussed, particularly in relation to treatment planning for sinus grafting. Finally, complications related to sinus grafting will be discussed.

The concept of socket preservation and guided bone regeneration
May 26, 2010 (14:00 – 14:40)

This lecture will cover techniques for preservation of alveolar bone after dental extraction, including extraction technique, socket grafting and use of membranes.

Dr. Adeeb Al Omrani

King Faisal Specialist Hospital and Research
Riyadh

Dr. ADEEB N. AL OMRANI is a Consultant Prosthodontist.
Dr. Al Omrani has a Bachelor Degree in Dental Surgery from King Saud University, Saudi Arabia, 1994, Prosthodontic Certificate-Postdoctoral Fellowship in Restorative Dentistry, 2001, Doctorate of Medical Science (DMSc) in Oral Biology from Harvard School of Dental Medicine, Boston, MA, USA 2001, and Fellowship in Implantology, from Periodontic Department, University of Texas Health Science Centre at San Antonio, USA, 2003.
Dr. Alomrani is a fellow of the International Congress of Oral Implantologists- ICIO
Dr. Alomrani is a Consultant Prosthodontist, Director of the Rare Dental Disorder and Dental Implant Conjoint Clinics at the Department of Dentistry, King Faisal Specialist Hospital & Research Centre, Riyadh. He is also a Coordinator for the Saudi Board of Prosthodontics Program.
Dr. Alomrani is a member of; American College of Prosthodontics , American Dental Association, Academy of Osseointegration, American Association of Dental Research, European Association for Osseointegration.

Implants in Growing Patients

Dr. Adeeb Al Omarni

May 27, 2010 (14:50 – 15:40)

Dental implants can be an extraordinary means of replacing missing teeth in adult patients and had achieved high success rates. In the partially anodontic child, due to the developmental changes in jaw growth and dental maturation exist in relation to static implants, implant treatments should be delayed until skeletal growth is completed.

However, early implants treatment an advantage in that it may help prevent bone atrophy or a lack of development of the alveolar process. As well as support the transitional prosthesis during growth to restore form, function and esthetic in young patient.

In principle, this type of treatment requires close cooperation among pedodontist, orthodontists, prosthodontists and maxillofacial surgeons, The team's primary areas of concern are the early consideration of final therapy, for example the optimal placement of abutment teeth, and the provision of temporary prosthetic solutions that will meet the esthetic and functional needs of the patient during the individual's growth.

The aim of this presentation is to describe the management of young patients with dental implants to provide improved esthetics, function, and emotional development.

The treatment was planned in a multi-disciplinary clinic at KFSH&RC involving pedodontist, orthodontist, prosthodontist and oral maxillofacial surgery for future dental habilitation and rehabilitation. A specially designed overdenture, a removable prosthesis of osseointegrated implants was constructed. Periodic recall visits were advised to monitor the dentures of implants during period of growth & development, and eruption of the permanent teeth.

Dr. Ali Al Ghamdi

King Abdulaziz University
Jeddah

Dr. Ali Saad Ali Thafeed Al-Ghamdi is a graduate of King Abdulaziz University with honor degree in 1997. Dr. Al Ghamdi completed his Master of Science in Dental Sciences and Certificate of Proficiency in Periodontics from the State University of New York. He is presently an Assistant professor and Consultant in Periodontics and Implant Dentistry, Faculty of Dentistry in King Abdulaziz University, Jeddah. Dr. Al-Ghamdi has lectured in periodontics and implant dentistry in many national & international scientific meetings.

He published many articles in well respected international journals.

Basic Assessment and Treatment Planning for Dental Implants

May 26, 2010 (8:40 – 9:20)

The main goal of modern dentistry is to restore the patient to normal esthetics, function, speech, and health regardless of the atrophy or disease. As a result of continued research in treatment planning, implant site preparation, implant design, material and techniques, predictable success is now a reality for the rehabilitation of many challenging clinical situations. Proper case selection, examination, diagnosis and planning are the keys for successful implant therapy.

In this presentation I will discuss methods for assessing dental implant patient. Case selection, diagnosis, and treatment planning will also be discussed. I will also show some clinical cases and discuss treatment options for these cases and what treatment did I choose and why.

Complications of Dental Implants

May 27, 2010 (13:30 – 14:10)

Today the dental implant is a routine method for rehabilitating partial or total edentulism. Implant therapy based on osseointegration has expanded remarkably in its application to dentistry due to several factors, including higher patient acceptance, increasing number of clinicians receiving education in implant therapy, and higher success rates in the more challenging cases. Despite the high success rates and stability of dental implants, failures and complications do occur. In this presentation, I will discuss dental implant complications and its consequences. Guidelines that will help in diagnosis and management of ailing, failing, and failed implants will be also discussed.

Dr. Ahmad Al Yamani

King Abdulaziz University
Jeddah

Dr. Ahmad Alyamani is an Associate Professor and Consultant of Oral and Maxillofacial Surgery, Faculty of Dentistry and King Abdulaziz University Hospital, King Abdulaziz University Jeddah, Saudi Arabia. Dr Alyamani has undergone a 4 years Oral and Maxillofacial Surgery residency at the combined Tuft/ Boston University, MA, USA that was completed on June of 2000. Dr.Alyamani is currently a Diplomat of the American Board of Oral and Maxillofacial Surgery. In addition of being a Fellow of the Faculty of Dentistry, Royal College of Surgeon of Ireland. Moreover, in 2002 Dr. Alyamani has completed a Doctor of Science in Dentistry, Boston University, USA. Dr. Alyamani is a member of the American association of oral and maxillofacial surgery.

Soft Tissue Management for Dental Implant Patients

Dr. Ahmad Al Yamani
May 27, 2010 (14:10 – 14:50)

Often times complex dental implant cases require specials attention to both soft and hard tissues, in order to achieve a successful long term outcome. This lecture will focus on special scenarios that may face general dentist that require special attention for soft tissue enhancement and rehabilitation.

Dr. Badr Al Jandan

University of Dammam
Dammam

Dr.Badr Al-Jandan is a consultant in Oral and Maxillofacial Surgery. He received a Bachelors of Dental Science degree from King Saud University, Riyadh, Saudi Arabia in 1998. In 2001 his training then took him to Canada were completed a Multidisciplinary Dental Residency Program at the Montreal General Hospital, Montreal, Quebec. Thereafter, Dr.Al-Jandan was enrolled in the Oral and Maxillofacial Surgery Residency Program at the McGill University Health Center (MUHC), this was followed by a Clinical Fellowship Program in Orthognathic Surgery and Dental Implantology at the MUHC. In addition Dr.Al-Jandan has completed a Master's of Science program at the Faculty of Dentistry, McGill University, Montreal, Quebec. A significant part of Dr. Al-Jandan's training was devoted to Dental implantlogy, orthognathic surgery and conscious sedation.

Currently, Dr. Al-Jandan is an assistant professor and chairman of Oral and Maxillofacial Surgery unit, college of dentistry, Dammam University (formally known as King Faisal University). in addition Dr.Al-Jandan is a consultant in oral and maxillofacial surgery at King Fhad Hospital of the University , Al-Khobar , Saudi Arabia .Furthermore , Dr. Al-Jandan is an adjunct professor at the Faculty of Dentistry , McGill University, Montreal , Canada. He is a member of the Canadian and American Associations of Specialists in Oral and Maxillofacial Surgery. Dr. Al-Jandan is a Diplomate of the American Board of Oral and Maxillofacial Surgery, in addition to being a Fellow of The Royal College of Dentist Of Canada.

Bone Grafting for Dental Implants

Dr. Badr Al Jandan

May 26, 2010 (14:40 – 15:20)

Frequently, dental implant placement is complicated by the absence of sufficient alveolar bone volume in the jaws. In order to overcome this problem, bone grafting procedures have been developed to reconstruct various types of bone defects.

This lecture is intended to provide a general overview on bone grafting, including physiology, types of bone grafting materials that are available for clinical use, in addition to different philosophies that are used to address various types of bone deficiencies in the jaws. Moreover, this lecture will provide a step by step guide that can aid in the proper selection of bone grafting materials in common clinical scenarios that can face any general dental practitioners.

Dr. Esam Tashkandi

King Saud University
Riyadh

Dr. Essam Ahmed Tashkandi graduated from King Saud University College of Dentistry. In 1993 Dr. Tashkandi obtained his Master of Science and Certificate of Clinical Specialty in Prosthodontics from University of Michigan, USA. After which Dr. Tashkandi finished his postgraduate program in Implant Dentistry in 1994 in the same institution. Dr. Essam Tashkandi is a Doctor of Philosophy in Oral Health Science. Aside from his roster of credentials Dr. Tashkandi is currently working as an Associate Professor and Director of the Nobel Biocare University Partner Program at the College of Dentistry in King Saud University.

Undergraduate Dental Implant Education, a Contemporary Reality

Dr. Esam Tashkandi
May 26, 2010 (10:40 – 11:20)

Many recent surveys of graduating dental students worldwide have shown that when the graduates are asked about the area in dentistry which they wished that they had received more training in, the number one consensus is dental implants. Traditionally the young graduating dentist has to rely on short CE courses offered by the manufacturing companies to acquire the necessary skill and knowledge in this field. King Saud University College of Dentistry realized its role as the pioneering dental school in the region should embark on the task of integrating dental implant education in its undergraduate curriculum. This presentation aims to share with the participants the experience of this project over the last two years.

Dr. Khalid Al-Hezaimi

King Saud University
Riyadh

Dr. Khalid Al Hezaimi is an Endodontist / Periodontist and an assistant professon in King Saud University, Riyadh. Dr. Al Hezaimi graduated in 2003 from University of Southern California with and Endodontic certificate and in 2008 from Tufts University; Dr. Al Hezaimi obtained his Master of Science in Periodontology. Dr. Khalid Al Hezaimi is member of several local and international association concerning dental healthcares such as, Royal College of Dentist in Canada and a Diplomate for American Board of Periodontology.

Implant Facts [Dimensions – Insertion (Immediate, Delayed Immediate, Delayed)]

May 26, 2010 (11:20- 12:00)

Experimental animal researches and clinical studies demonstrated a successful osseointegration and clinical ridge fixation could be achieved with immediate implant placement. An important benefit is that the treatment time is reduced. However, recent studies demonstrated that immediate implant placement may jeopardize the final esthetic outcomes if certain prerequisites were not followed. The objective of this presentation is to identify in which situation immediate placement maybe indicated or if staging approach is the ultimate choice.

Buccal Bone Remodeling Following Tooth Extraction

May 26, 2010 (16:00 – 16:30)

Often times complex dental implant cases require specials attention to both soft and hard tissues, in order to achieve a successful long term outcome. This lecture will focus on special scenarios that may face general dentist that require special attention for soft tissue enhancement and rehabilitation.

Dr. Mohammed Al-Zahrani
King Abdulaziz University
Jeddah

Dr. Mohammad Al-Zahrani is a specialist in periodontics. He received a BDS from King Abdualziz University (KAU) in 1994 and completed a MSD and a certificate in Periodontics at Case Western Reserve University (CWRU), USA in 2000. Thereafter, Dr. Al-Zahrani has successfully completed a PhD at CWRU in 2004. A significant part of Dr. Al-Zahrani was devoted to periodontics and implant dentistry. Dr. Al-Zahrani is a diplomate of the American Board of periodontology . Currently, Dr Al-Zahrani is an associate professor and head of periodontics division at KAU. Dr. Al-Zahrani is a member of the American academy of Periodontology.

Implant in Patient with Advanced Periodontal Disease

Dr. Mohammad Al-Zahrani
May 27, 2010 (9:50 – 10:30)

Implant therapy in partially edentulous patients has proven to be a predictable procedure with a high implant survival rate. The success rate in patients with a history of aggressive periodontitis, however is still unclear. The objective of this presentation is to clinically review the available research on the survival of implants in patients with aggressive periodontitis; and to discuss factors influencing a clinician's decision to retain a priodontally involved tooth or to extract an affected tooth and place an implant.

Dr. Mohammed Bahanshal
King Abdulaziz Medical City
Jeddah

Dr. Mohammed Ahmed Bahanshal is a Prosthodontist. Dr. Bahanshal received his Bachelor of Dental Surgery degree from King Abdulaziz University in 2000 and completed a Clinical certificate (CAGS) in prosthodontics, September, 2007 and Master of Science in Prosthodontics (MSD), September, 2007 at boston university on 2007. Dr. Bahanshal Currently work as associate consultant at King Abdulaziz Medical City in Jeddah. He is Member of the American Academy of Prosthodontics.

Esthetics Zone Assessment
Dr. Mohammed Bahanshal
May 27, 2010 (15:20 – 16:00)

Replacing of Missing anterior teeth with implant-supported restorations is one of the most difficult procedures to be done. Bone resorption following anterior teeth extraction often compromises gingival tissue levels for the implant restoration. The greater the amount of bone and soft tissue loss, the more difficult it becomes to produce an ideal aesthetic result. In the last 10 years the focus has shifted from osseointegration, to creation of an implant borne restoration, which is in harmony with the surrounding hard and soft tissue. Complete reconstruction of tooth and gingival related aesthetics remains the primary objective and in some instances can be very difficult to achieve. In the lecture I will address the fundamental considerations related to implant treatment in the anterior maxillary esthetic zone, using both theory and case examples.

Dr. Raed Al Sadhan

King Saud University
Riyadh

Dr. Ra'ed Al-Sadhan is an Associate Professor and Consultant in Oral & Maxillofacial Radiology.

He received a BDS from King Saud University in 1996 and completed a Master of Dental Sciences from the University of Connecticut, USA in 2002. He became a Diplomate of the American Board of Oral and Maxillofacial Radiology in 2001.

Currently Dr. Al-Sadhan is the Vice Dean for Administrative Affairs, College of Dentistry, King Saud University.

Implant Site

Dr. Ra'ed Al-Sadhan
May 27, 2010 (9:10 – 9:50)

Diagnostic imaging is an essential component of implant treatment planning. The basic imaging principles of dental implant radiology are reviewed. An overview is presented of anatomically salient features in the maxilla and mandible relevant to implant imaging, specifically to cross-sectional imaging for endosseous implants. Imaging modalities, including intraoral, panoramic, coned beam CT (CBCT), and multidetector CT are discussed in light of the imaging data needed to select optimum implant solutions. Additionally, implant treatment planning software will be demonstrated.

The aim of this lecture is to provide recommendations in various clinical situations that will ensure essential diagnostic information is obtained with as low as reasonably achievable radiation exposure (ALARA principle). Attention will also be drawn to the special responsibilities and knowledge that is a prerequisite for the application of imaging techniques.

Dr. Sami Farsi

King Fahad General Hospital
Jeddah

Dr. Sami Farsi is a consultant in prosthodontics. He received a BDS from Alexandria University, Egypt in 1996 and completed a certificate in advanced graduate studies in esthetic dentistry from Boston University, USA in 2001, and another certificate in advanced graduate studies in prosthodontics from Boston University in 2006. Thereafter, Dr. Farsi has successfully completed a doctorate of science in biomaterials from Boston University in 2006.

A significant part of Dr. Farsi was devoted to full mouth rehabilitation.

Currently Dr. Farsi is a consultant in prosthodontics King Fahad General Hospital, Jeddah, KSA since 2006.

Series of Implant Advanced / Complex Cases

Dr. Sami Farsi
May 27, 2010 (8:30 – 9:10)

For many years there was only a single option of treatment for completely edentulous patients. In addition to discomfort, conventional complete dentures have many disadvantages including reduced biting forces, reduced sensation and enhanced ridge resorption. With the introduction of dental implants and the increased popularity over the last two decades several treatment modalities are now available to help those patients overcome many of the short comings of the conventional treatment.

This lecture is designed to shed light on the different treatment options that can be offered using implants together with the indications, advantages and disadvantages of such treatments.

CME Information

This symposium is accredited by the Saudi Council for Health Specialties. The number of CME Credits is **12** hours for the symposium; Council Eligibility Number **12017/2010** dated **26-27/5/2010**.

Each limited attendance course has a separate accreditation number:
Dental Implant Placement – **12018/2010 (5 CME Hours)**
Prosthetic Steps for Dental Implants – **12019/2010 (5 CME Hours)**

Certification of Attendance Distribution

Certificates of Attendance for the symposium and workshop will be available by the end of each session, ONLY upon completion of the survey form. Certificate of Symposium Attendance can be collected at the Registration Area

Acknowledgements

The Organizing Committee acknowledges the assistance of the College Faculty Members, Staff, Printing Press, Public Relations, Transportation, Maintenance, and Housing and all who contributed.

Mark you calendar for the 9th Annual Dental Symposium

May 2011

This symposium is accredited by the **Arab Academy for Continuing Dental Education**. The number of CDE Credits is **17.5** hours for the symposium; Council Eligibility Number **0005/2010** dated **17/5/2010**.

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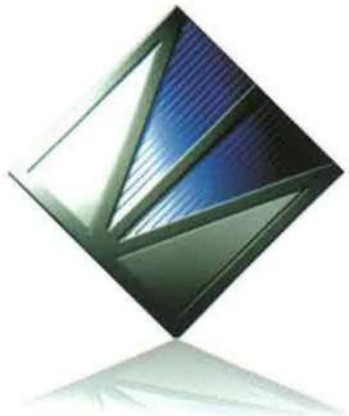

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