The 6th Annual Update on

Restoration of the Dentition

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KING FAISAL UNIVERSITY
COLLEGE OF DENTISTRY

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Under the Patronage of
HRH Prince Mohammed bin Fahad bin Abdulazziz Al Saud

The 6th Annual Update on "Restoration of the Dentition"

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The Sixth Annual Update "Restoration of the Dentition"

Message from the Chairman of Organizing Committee:

On behalf of the College of Dentistry at KFU, it is indeed a pleasure to welcome you to the venue of our growing dental college for our Annual Meeting. Our challenge was to create a scientific program that would warrant your interest and participation. We have selected an outstanding cadre of speakers who will gear their topics towards periodontal and prosthodontic common practices under the title of "Restoration of the Dentition".

Hands-on training courses on common periodontal restorative and prosthodontic practices will be provided. Training courses for popular implant systems will be demonstrated. Latest innovation products from manufacturers will be demonstrated in our special exhibition venue.

The multidisciplinary make up of the program encourages dental professionals from the specialists, general dentist, academicians, lab technicians and other auxiliary personnel to come together in a learning experience that provide a refreshing opportunity for an interdisciplinary approach.

So bring your questions and get set to enjoy an outstanding scientific program.

Venue:

Medical Education Center – Site I	-	Symposium venue
KFU, College of Dentistry	-	Workshop Venue

Audience:

Symposium is intended to address dental professionals including: dentists, dental assistants, dental nurses, dental technicians and students.

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 King Faisal University fosters the dissemination of knowledge to all discipline 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 Mission

The College of Dentistry in King Faisal University is to be recognized nationally and internationally for excellence in the tripartite mission of dental education, dental and oral health care, and research.

College Objective

The institutional objective will include:
Train oral and health care professionals to acquire the necessary knowledge, skills, and attitude to become competent professionals.

The Sixth Annual Update "Restoration of the Dentition"

Introduction:

Dental caries and periodontal disease are the main causes for tooth loss and the consequent compromise of the dentition. Restoring the compromised dentition has to be commenced by restoring the periodontium followed by state-of-the art prosthetic restorations. Replacing missing teeth with conventional partial dentures is not the first choice anymore. Patients can enjoy better quality of life with current advances in dental treatment. The College of Dentistry as a leader in dental education has selected the topic of "Restoration of the Dentition", with the essential focus on periodontics and restorative dentistry.

Aim:

Reinforcing the concept of attaining periodontal health as an initial pathway, followed by a comprehensive restorative treatment for achieving restoration of function.

Objectives:

At the end of the meeting, participants shall:

- Be updated on the importance and techniques for achieving periodontal health.
- Have better understanding of educational methods in comprehensive clinical dentistry.
- Be exposed to strategies for managing compromised cases.
- Acknowledge the different techniques for restoring different prosthetic conditions.
- Have the chance to participate in hands on training on the new advanced techniques in Restoring the Dentition.
- Learn about new trends in implant restorations.
- 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 and procedures.

Program May 7, 2008

07:00 – 09:00	Reception and Registration Chairmen: Prof. Ahmed Massoud Dr. Abdulhadi Abanmy
08:30 – 09:10	Dental Education and Practice: The Impact of Communication and Information Technology Prof. Nathanael O. Salako
09:10 – 09:50	Periodontal Restorative Relationships Prof. Steven M. Morgano
09:50 – 10:00	Discussion
10:00 – 10:20	Coffee Break / Opening of the Exbihition
10:20 – 11:00	Nano Technology: The Future of Restorative Materials and Procedures Dr. Tarik S. Al Juhani
11:00 – 11:30	Prosthodontics in the Evidence – Based Practice Era Dr. Asim Al Ansari
11:30 – 11:40	Discussion
11:45 – 13:10	Lunch and Prayer
13:15 – 14:00	Implant – Supported Fixed Restorations: Screw – Retained vs Cement – Retained Prof. Steven Morgano
14:00	Shuttle Bus Transfer to College of Dentistry for Workshops

Program May 8, 2008

Chairmen:

Dr. Fahad Banasr

Dr. Asim Al-Ansari

08:30 – 09:20	Implant Esthetics; Surgeon View Prof. Terrence Griffin
09:20 – 10:00	New Trends in Dental Implantology Prof. German Roman-Gomez
10:00 – 10:15	Discussion
10:15 – 10:30	Coffee Break
10:30 – 11:10	Bisphosphonate – Induced Osteonecrosis of the Jaws: Etiology, Prevention and Treatment Dr. Bader Al Jandan
11:10 – 12:00	New Developments in Periodontal Plastic Surgery Prof. Terrence Griffin
12:00 – 12:10	Discussion
12:15 – 13:15	Lunch and Prayer
13:20 – 14:00	Complications of Dental Implants Prof. German Roman-Gomez
14:00	Shuttle Bus Transfer to College of Dentistry for Workshops

For more information,
please call: (03) 857-4928 ext. 200, 201, 116 & 255

Program May 7, 2008
Workshop

14:30 – 20:00

Workshop 1:

Suture Materials and Techniques in Dental Surgery
Prof. Terrence Griffin

Workshop 2:

Layering technique in Composite, a perfect recipe for success
Dr. Tarik Al Juhani

Program May 8, 2008
Workshop

14:30 – 20:00

Workshop 1:

Advances in Fixed Prosthodntics
Prof. Steven M. Morgano

Workshop 2:

Placement and Restoration of Friadent Dental Implants
Prof. German Roman-Gomez

Nathanael Salako
BDS (Hons), MSc, FDSRCPS, FMCDS, FWACS

Prof. Nathanael Salako graduated with a Bachelor of Dental Surgery (BDS) in 1974 with honors from University of Lagos, Nigeria. He had his postgraduate program in Pediatric Dentistry from the University of London, UK and several fellowship awards which includes Fellow of the Royal College of Physicians and Surgeons) UK, Fellow of the National Postgraduate Medical College, Nigeria and also Fellow of the West Africa College of Surgeons, West Africa. He has worked in different parts of the world such as Nigeria, Britain, Saudi Arabia, Kuwait and the USA, as an academic staff and consultant in Pediatric Dentistry rising to the rank of Professor in Pediatric Dentistry. He held many academic and administrative positions in various dental faculties in different parts of the world. He has published many papers in peer reviewed local and international journals. His research interest is in Oral Microbial Metabolism, Salivary Diagnostics and Dental Education.

Currently, he is the Interim Dean of Faculty of Dentistry, Kuwait University.

Dental Education and Practice in the 21st Century: The Impact Communication and Information Technology (CIT)

Prof. Nathanael O. Salako

Information Technology has made the world a global village.

The enhanced connectivity of countries, multinationals, and most importantly individuals has opened up wide varieties of human interaction.

This new technology is making tremendous impact on all aspects of human endeavors including education.

In this lecture, I will try to explore how this technology is impacting on dental education and practice.

The role that communication and information technology can and is playing in improving patient-doctor relationship and teacher-student relationship will be explored.

The changing profile of the 21st Century dental patient and dental student and how this will impact dental education and practice will be addressed.

The lecture will end with some predictions of possible trend in the relationship of this technology with dental education and practice.

Terrence J. Griffin
DMD

He completed his D.M.D from Tufts University School of Dental Medicine. He received his Certificate of Advanced Graduate Studies in Periodontology after two years in the program.

He was named Chair of the Department of Periodontology in 1997. Since 1999, he has also served as Director of Postdoctoral Periodontology. In addition, Dr. Griffin is currently a Professor at the Forsyth Institute of Dental Research in Boston, and the Department of Implantology at the University of Rome "La Sapienza".

Dr. Griffin is a Diplomate of the American Board of Periodontology. He has served on many committees and chaired activities for the American Academy of Periodontology. For the past ten years, he has been Treasurer and a member of the Executive Board of the Massachusetts Periodontal Society. In the past, he has also served as the President, President-Elect, and Secretary of the same organization. He is currently Senior Ambassador of the American Foundation for Periodontology. He holds the national office of Trustee of the American Academy of Periodontology.

He is also an active member of the International College of Oral Implantologists and the Academy of Osseointegration. Dr. Griffin is a Fellow of the International College of Dentists.

Dr. Griffin is well known as a lecturer in Periodontology and implant therapy both nationally and internationally. To date, he has lectured in nineteen foreign countries. He has published articles and scientific abstracts in several different journals. He is very active in research and currently has projects on-going in bone grafting, sinus augmentation, and implant therapy. He is particularly involved in cosmetic surgery including the use of platelet cell concentrate or freeze dried dermis in soft and hard tissue grafting.

Dr. Griffin currently maintains a large private practice in Boston, Massachusetts specializing in periodontics, oral diagnosis, and implantology.

New Developments in Periodontal Plastic Surgery
Prof. Terrence Griffin

Recent improvements in plastic surgical techniques based on clinical research in the Department of Periodontology will be demonstrated.

New developments in root coverage, reversal of biotypes, esthetic and preprosthetic crown lengthening, and stain removal will be discussed.

Implant's Esthetics; Surgeon View
Prof. Terrence Griffin

Prof. Griffin will discuss the correct three dimensional placements of implants and how this can influence the esthetic capabilities of the restorative dentist. He will also demonstrate how infection, trauma, and congenital abnormalities can cause problems which can be treated with new materials and techniques. These principles will be illustrated with surgical cases and prosthetic results.

Steven M. Morgano
DMD

Dr. Morgano is professor of Restorative Sciences and Biomaterials and director of the Division of Postdoctoral Prosthodontics at Boston University School of Dental Medicine. He is a Diplomate of the American Board of Prosthodontics and a member of the Editorial Review Board of The Journal of Prosthetic Dentistry. Dr. Morgano is a fellow of The Academy of Prosthodontics, The American College of Prosthodontists, The American Academy of Fixed Prosthodontics, and The Greater New York Academy of Prosthodontics. He has published over 50 articles in the refereed dental literature and is co-editor of the current edition of Tylman's Theory and Practice of Fixed Prosthodontics. He has lectured internationally in 13 different countires.

Periodontal Restorative Relationships
Prof. Steven Morgano

Periodontics and prosthodontics work in concept to provide state-of-the-art patient care. This presentation will review the interrelationships between these two specialties. Topics to be discussed include the following:

- Lengthening of the clinical crown: surgical vs. orthodontic intervention.
- Periodontal plastic surgical procedures for management of the unesthetic smile.
- Periodontal aspects of removable partial dentures: Do these prostheses really contribute to periodontal breakdown of abutments?

Implant-Supported Fixed Restorations: Screw-Retained vs. Cement-Retained
Prof. Steven Morgano

This presentation will review the historical development of methods of attachments of implant-support fixed restorations. Screw retention and cement retention will be reviewed and illustrated. Advantages and disadvantages of each approach will be discussed.

German Gomez-Roman
Prof. Dr. med. dent., DDS, Mscs, PhD

Prof. Gomez-Roman studied in the Dental School, University of Tubingen / Germany, Scholarship holder of the Spanish Queen Sofia in 1981 - 1986. He completed postgraduate studies in the Department of Conservative Dentistry and Endodontics, in University of Tübingen / Germany (1988). He completed postgraduate training in the Department of Oral Surgery and Periodontics at University of Tübingen (1996). He is a member in the Special Research Section of the German Society of Research SFB 175 "Implant Dentistry". He received the Award for the best Publication in the Austrian Journal of Dentistry (1995). In 2000, Prof. Gomez –Roman earned his PhD. In 2002 Prof. Gomez-Roman received the Annual award for best article published in the International Journal of Prosthodontics. In 2004 Prof. Gomez-Roman received an Award for the best Lecture at the Annual Congress of the Society of Dental Technology. Prof. Gomez-Roman was Professor of the Dental School, University of Tübingen in 2006. Currently, Prof Gomez-Roman is a Professor at the Dental School in the University of Tübingen, Germany.

Complications in Oral Implantology
Prof. German Gomez-Roman

From the selection of the patient, planning of the treatment, surgical insertion of the implants to the definitive prosthesis inappropriate decisions can be made that could lead at the end to a complication or even a failure. Fortunately, most of the patients don't have any complications, but sometimes problems appear.

In this lecture the topics of problems, complications and failures such as surgical complications, early implant loss, prosthodontic problems and later implant complications like bone loss will be presented and discussed.

The new trend in Implantology: Predictable esthetic in single-tooth implants in the frontal region of the maxilla.
Prof. German Gomez-Roman

Function was the important aim at the beginning of the implant treatment. The loss of stability of a full prosthesis in the lower jaw was the most treated problem.

The free-end situation followed as one of the most indicated concept for implant prosthodontics in order to avoid a removable prosthesis.

Single tooth replacement is today the treatment that younger patients demands. The problem is that in many cases a predictable esthetic result is difficult to reach.

This lecture will demonstrate a concept to make clinician able to reach predictable esthetic results especially in difficult cases. How to preserve the papillae? How to position the implant correctly? What soft tissue management is predictable? What prosthodontic possibilities can be used in individual patient?

Tarik AL-Juhani
BDS, AEGD, FCID

Dr. Tarik Al-Juhani is a graduate of King Abdulaziz University, Faculty of Dentistry in Jeddah (1996). He obtained advance education In General Dentistry at Texas University in Dallas, USA (2000). He obtained a fellowship of Cosmetic and Implant Dentistry from Baylor College of Dentistry in Dallas, Texas, USA. He also worked as a general dentist in Saudi Aramco Medical Services and participated in several dental committees. Currently, he is a consultant of advanced general dentistry and the acting chairman of the dental department at King Faisal Specialist Hospital and Research Center in Jeddah since 2007

Nano Technology: The future of Restorative Materials and Procedures

Dr. Tarik Al Juhani

Nano technology has become the buzz new word in science; it is yet one of the least understood emerging technologies in the world of dental science. The promises of this technology in the now and near by future are endless and the possibilities are vast and wondrous.

For the last 5 decades composite has been the main material in the arsenal of the restorative dentist where the ability to reconstruct tooth structure in a tooth coloured restoration had given dentists by far the aesthetic advantage, and as the generations of this miraculous material evolves it is becoming harder and harder to catch up with the progress in the technology and what is available in the market.

With the introduction of Nano Technology in Dental Materials specially resin based materials the face of restorative dentistry is changing though oblivious to many the advance technology which is on a one billion of a millimeter in scale can be overlooked by many.

In this lecture a view on this emerging technology with scientific background and medical and dental application then the focus of the lecture will be treated to the composite materials with Nano particles and the marketing of them with some hints on clinical insight related.

Asim Al-Ansari
BDS, MDSc, DSc

Dr. Asim Al-Ansari obtained his Bachelor of Dental Surgery (BDS) from King Saud University, College of Dentistry in 1990. He has obtained Master of Dental Sciences (MDSc) in Prosthodontics, from Lund University, Centre for Oral Health Sciences, Malm, Sweden in 1998. In 2002, he obtained Certificate of Advanced Graduated Study and Doctor of Science in Dental Public Health from Boston University School of Dental Medicine, Boston, USA. He has several presentation and publications in the field of Dental Public Health and Evidence-Based Dentistry on the national and international levels. Currently, he is the chairman of Ethics and Research Committee and a consultant in prosthodontics and dental public health in Armed Forces Hospital in Dhahran, Saudi Arabia.

Prosthodontics in the Evidence-Based Practice Era

Dr. Asim Al-Ansari

Evidence-based dentistry (EBD) or Evidence-based dental practice is not a new branch of dentistry. Rather it is just a different way of finding, evaluating, and applying knowledge (i.e., evidence) to our practice. Although it sounds logical, many dentists are not aware of its importance and value. In the first part of this presentation the audience will be introduced, very briefly, to the concept is so related to Prosthodontics by giving some important clinical examples which will show that EBD is not a "theoretical" approach but a very clinically-oriented one.

Badr Al-Jandan
BDS, MSc, MRCP (Glasgow), Dip. ABOMS

Dr.Badr Al-Jandan is an Oral and Maxillofacial Surgeon at King Fahad Hospital of the University, Al-Khobar , Saudi Arabia. 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 he completed a Multidisciplinary Dental Residency Program at the Montreal General Hospital, Montreal, Quebec. Thereafter, Dr.Al-Jandan was enrolled in an Oral and Maxillofacial Surgery Residency Program at the McGill University Health Center (MUHC), 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. Furthermore, Dr.Al-Jandan is an Adjunct Professor at the Faculty of Dentistry, McGill University, Montreal, Canada. He is also an active member of the Canadian and American Associations of Specialists in Oral and Maxillofacial Surgery. He is a diplomate of the American Board of Oral Maxillofacial Surgery.

Bisphosphonate-Induced Osteonecrosis of the Jaws: Etiology, Prevention, and Treatment

Dr. Badr Al-Jandan

Bisphosphonate-Induced Osteonecrosis of the jaws (BIONJ) is a condition that was first identified in 2003 by Dr. Robert Marx, Miami, Florida, USA. This condition is limited to the jaws, presenting as exposed bone. This lecture is designed to help dentists and specialists to identify patients that are at risk of developing BIONJ, and highlights the most recent staging and treatment protocols.

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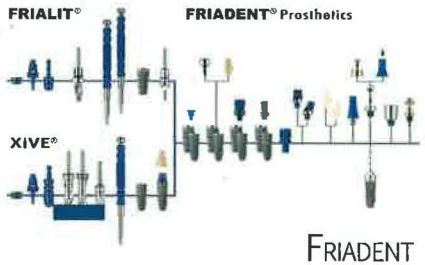

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Acknowledgements

The Organizing Committee acknowledges the assistance of the College Faculty, Staff, Printing Press, Public Relations, Transportation, Maintenance and Housing and to all our Sponsors.

Certification of Attendance

Certificates of Attendance will be available by the end of the second day of the Symposium, ONLY upon receipt of the completed evaluation form. Please collect your certificate from the Symposium Registration Desk before you leave.

Smoking Policy

Symposium Venue:
Medical Education Center – King Fahad Hospital of the University recognizes the negative implication of smoking. Therefore, our policy is "NO SMOKING" in the Auditoriums, the exhibition Hall, registration Areas, Dinning Hall and/or Restrooms.

Workshop Venue:
It is our policy in King Faisal University – College of Dentistry to not allow SMOKING within the premises of the college.

Thank you for your cooperation.

Information about CME's

This Conference is accredited by the Saudi Council for Health Specialties. The number of CME Credits is 10 hours for the symposium, Council Eligibility Number **2008/4747** and dated **2008-2-24G**.

Each Limited Attendance Course is accredited with 4 CME hours:
Suture Materials and Techniques in Dental Surgery – **2008/4749**
Layering technique in Composite, a perfect recipe for success – **2008/4750**
Advances in Fixed Prosthodontics – **2008/4751**
Placement and Restoration of Friadent Dental Implants – **2008/4748**

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