

The Jack Kent Oral and Maxillofacial Surgery Foundation
presents

ORAL AND MAXILLOFACIAL SURGERY PEARLS XI

at The Westin New Orleans
Saturday, April 13, 2024

PEARLS FOR THE MODERN DAY ORAL AND MAXILLOFACIAL SURGEON

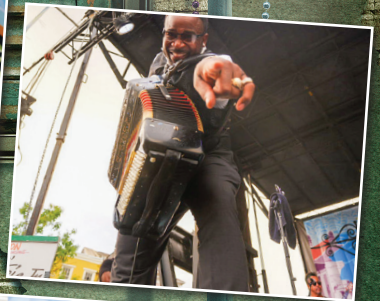
Continuing Education by Day... The French Quarter at Night
2024 French Quarter Fest is April 11-14



Osteo Science
Foundation

Research • Education • Improved Care
Shaping the Future of Regeneration

Oral and Maxillofacial Surgery Pearls XI, Pearls for the Modern Day Oral and Maxillofacial Surgeon is presented in cooperation with the JKOMS Foundation and Louisiana Society of Oral and Maxillofacial Surgeons. Pearls XI is a collaboration with Osteo Science Foundation.



ORAL AND MAXILLOFACIAL SURGERY

PEARLS XI

PEARLS FOR THE MODERN DAY ORAL AND MAXILLOFACIAL SURGEON



In-Office TMJ Surgical Treatment: Keys to Safe and Successful Outcomes ...And Why We Do It!

John Nale, DDS, MD

This lecture will review surgical procedures used to treat internal derangements and degenerative joint disease. Historically these procedures have been done in a hospital setting, but over a decade of experience has shown the procedures to be safely performed in an “in-office” setting. A special emphasis in this discussion will be placed on techniques used to achieve desired outcomes. Secondly, there will be a focus on safety, both perioperatively and post-operatively, to comfortably allow patients to go home as an outpatient. Lastly, we will review the many benefits of performing the surgeries outside of the hospital.

Non-Surgical Treatment of TMJ Disorders

Rana Almudamgha, DDS

This lecture, delivered by a distinguished orofacial pain and temporomandibular disorder (TMD) specialist, explores the multifaceted realm of nonsurgical management of TMD through a comprehensive lens. This presentation delves into a diverse array of conservative therapies, emphasizing the pivotal role of behavioral modification and lifestyle adjustments in the holistic treatment of these disorders. The discussion spans a spectrum of interventions, encompassing physical therapy, stress reduction techniques, targeted massage, prescription drugs, oral appliance therapy, patient education, transcutaneous electrical nerve stimulation (tens units), trigger point injections, dietary modifications, jaw exercises, psychotherapy, and thermal therapy.

Through a systematic overview, the lecture aims to elucidate the intricate interplay between these conservative treatments and their integration into the broader landscape of surgical options and alternatives. Attendees will gain insights into how these nonsurgical interventions can synergistically contribute to alleviating TMD symptoms, enhance patient outcomes, and potentially serve as standalone therapeutic approaches. The presentation not only highlights the efficacy of each modality but also explores their collaborative impact in addressing the complexities of temporomandibular disorders. This comprehensive perspective is essential for clinicians seeking a nuanced understanding of TMD management, fostering an informed and patient-centric approach to treatment decisions.

The Role of Nutrition in Maxillofacial Healing

Teresa Biggerstaff, DDS, MD

Bone grafting and soft tissue grafting techniques have become more and more sophisticated over time due to the innovative development and use of biomaterials. These regenerative procedures allow for dental rehabilitation utilizing dental implants. Careful patient selection, surgical technique, and selection of appropriate biomaterials and sound functional design are the foundational principles of predictable outcomes. But sometimes, even when all of these guiding principles are followed, we still see failure of the regenerative procedure or failure of the dental implant. Increasing evidence suggests that a lack of certain

micronutrients may contribute to these failures. We will review the effects of micronutrients on bone health, bone grafting, periodontal health, soft tissue healing, implant osseointegration and immune regulation and discuss strategies to optimize serum levels of micronutrients to prepare for regenerative procedures. As our society continues to rely more and more on processed foods and fast foods that are less nutrient-dense, we are seeing an increase in micronutrient deficiencies, especially in our patients who are more advanced in age. These patients tend to be the ones most commonly seeking dental rehabilitation with dental implants.

Anesthesia Update - Incorporating DEXmedetomidine into the Office-based Anesthesia Model Provided by the Oral and Maxillofacial Surgeon

Jeffrey James, MD, DDS, MBA, FACS, FAACS

This lecture delves into the strategic incorporation of DEXmedetomidine within the framework of office-based anesthesia, aligning with the guidelines set forth by the American Association of Oral and Maxillofacial Surgeons (AAOMS). The session commences with a meticulous review of the essential parameters of care defined by AAOMS, emphasizing the significance of adherence to these standards in the context of office-based anesthesia.

Moving forward, the lecture transitions to a detailed examination of DEXmedetomidine, shedding light on its mechanism of action, wide-ranging indications, and the nuances associated with optimal dosing protocols. Attendees will not only acquire a profound understanding of the pharmacological aspects but will also gain practical insights into the application of DEXmedetomidine in the specific context of office-based Oral and Maxillofacial Surgery anesthesia.

The lecture is designed to bridge theoretical knowledge with actionable takeaways, offering attendees a robust foundation for implementing DEXmedetomidine into their anesthesia practices. Through real-world scenarios and cases, the presenter will provide practical guidance, enabling participants to navigate the challenges and capitalize on the benefits associated with DEXmedetomidine utilization in the evolving landscape of office-based OMFS anesthesia. Overall, this session aims to equip practitioners with the knowledge and skills necessary to enhance patient care and optimize outcomes within the dynamic field of oral and maxillofacial surgery anesthesia.

Full Arch Digital Implant Workflow. Alternative Implant Strategies

David Bulot, DDS, MD, Steven Nelson, DDS, MD, Thomas Kiebach, DDS, MsD

As implant dentistry continues its rapid evolution, clinicians regularly encounter new treatment trends and concepts. Success is dependent on the ability to decipher between the myths and realities through careful evaluation of both treatment modalities and new technologies. This presentation will address a range of treatment concepts and implant technologies through a combination of clinical research review and real-world experience.

OMS PEARLS XI • FACULTY AND SPEAKERS

Rana Almudamgha, DDS

Rana Almudamgha, BDS, FAAOP is an Assistant Professor Clinical in the division of the Comprehensive Dentistry Department at LSU School of Dentistry. She serves as a Program Director of the developing Advanced Education Program in Orofacial Pain and a Director of the Temporomandibular Disorders and Orofacial Pain Clinic. At LSU School of Dentistry, she provides Orofacial Pain patient counseling and teaches pre-doctoral and post-doctoral dental students in the field of Orofacial Pain. Before assuming the position, Dr. Almudamgha served as Gratis faculty at the LSU Health Sciences Center New Orleans. Dr. Almudamgha holds a Bachelor of Dental Surgery degree from the University of Baghdad, College of Dentistry. Leveraging her lifelong passion for dentistry and holistic patient care, she completed her Advanced Education Program in Orofacial Pain at the Eastman Institute for Oral Health at the University of Rochester in 2019. Before arriving in the United States, Dr. Almudamgha completed her general practice residency in Iraq and then worked as a general practitioner in private practice in Amman, Jordan. Dr. Almudamgha is board-certified by the American Board of Orofacial Pain, a fellow of the American Academy of Orofacial Pain, and a member of the American Dental Association, American Dental Education Association, and the Louisiana Dental Association.



Teresa Biggerstaff, DDS, MD

A native of Washington State began her training at the University of California, San Francisco School of Dentistry. She completed her Oral and Maxillofacial Surgery training and medical school at LSU in New Orleans. Training at LSU allowed Dr. Biggerstaff to evaluate and treat the entire spectrum of oral and maxillofacial problems. Following completion of residency, she moved to North Carolina for a fellowship in Facial Cosmetic Surgery before joining a private practice in Winston-Salem and has been in private practice in North Carolina ever since. She enjoys private practice and hosting and teaching residents in the Osteoscience Observership program. She maintains a very busy oral surgery and facial surgery practice in two locations and owns and directs a medical spa as well. Dr. Biggerstaff is one of two speakers for the International Association of Oral and Maxillofacial Surgeons annual Webinar. She speaks on Nutrition and Healing. This is broadcast to all IAOMS members with an audience of over 300 registered people. She has become a recognized authority on this topic and the only OMS who speaks on this topic. Dr. Biggerstaff serves on the executive committee of the NC Society of Oral and Maxillofacial Surgeons and serves on multiple committees for the Southeastern Society of Oral and Maxillofacial Surgeons.



David Bulot, DDS, MD

A native of Louisiana. He attended Nicholls State University for his undergraduate studies. He received both his Doctorate of Dental Surgery and his Doctorate of Medicine degrees from Louisiana State University Health Sciences Center in New Orleans, Louisiana. He earned his Board Certification in Oral and Maxillofacial Surgery in 2013. He has a special interest in teaching the LSU dental students a comprehensive approach to the dental patient and regularly teaches at LSU Dental School. He also sponsors and leads annual continuing education courses in Baton Rouge with a special interest in comprehensive implant dentistry and well as the "Oral Surgeon Advantage" for wisdom tooth extraction.



John Wesley (Wes) Emison MD, DDS

A Clinical Assistant Professor at Louisiana State University Department of Oral and Maxillofacial Surgery, Dr. Emison completed his undergraduate education at California Western University in San Diego, California. He received his D.D.S. from the UCLA School of Dentistry. Dr. Emison then completed his residency in Oral and Maxillofacial Surgery (OMFS) at Charity Hospital of New Orleans with the renowned Louisiana State University (LSU) Department of Oral and Maxillofacial Surgery training program. He subsequently attended medical school at the LSU School of Medicine, becoming the first dual-degree OMFS in Louisiana. Following medical school, Dr. Emison completed his general surgery internship at Ochsner Hospital of New Orleans. Dr. Emison was in the private practice of OMFS in Los Gatos, California for 34 years where he was the Medical Director of the QUAD A accredited ambulatory surgical facility known as Los Gatos Oral and Maxillofacial Surgery. Additionally, Dr. Emison was Chair of the Division of Oral and Maxillofacial Surgery in the Department of Surgery at Good Samaritan Hospital in San Jose, California for 25 years. Dr. Emison is now a Clinical Assistant Professor and attending surgeon at University Medical Center New Orleans. He is a founding member and the current President of the Jack Kent Oral and Maxillofacial Surgery Foundation.



Jeffrey James, MD, DDS, MBA, FACS, FAACS

Dr. James is the Peltier Endowed Chairman and Head of the Oral and Maxillofacial Surgery Department at Louisiana State University (LSU) Health Science Center in New Orleans. He is a full Professor of Tenure at LSU and has over 10 years of private practice and academic surgery experience. Dr. James continued his education at the University of Oklahoma where he completed a fellowship and obtained a Certificate in Cleft and Craniofacial Surgery. He also trained at the Arnold Palmer Children's Hospital in Orlando to expand his expertise to include cranial vault and fronto-orbital reconstruction for craniofacial dysmorphologies. Dr. James then trained at Cosmetic Surgery Affiliates furthering his competency as a facial cosmetic surgeon. Most recently, Dr. James graduated top of his class at the Hull College of Business and earned a Master's in Business Administration (MBA). Dr. James is dual board certified. He is Board Certified in Oral and Maxillofacial Surgery as well as Facial Cosmetic Surgery. He also currently serves as a Board Examiner for the American Board of Facial Cosmetic Surgery. Dr. James is a Fellow of The American Association of Oral and Maxillofacial Surgeons, The American College of Surgeons, and the American Academy of Cosmetic Surgeons. He has maintained membership in the American Cleft Palate-Craniofacial Association, American Academy of Cosmetic Surgeons, American College of Surgeons, American Association of Oral and Maxillofacial Surgeons, American Medical Association, and the American Dental Association. Dr. James is proud to have served his Country in the United States Air Force Reserves as a staff surgeon for the Air Force and Army Maxillofacial Surgery Training Program for 10 years.



Thomas Kiebach DDS MSD

A Prosthodontist born and raised in Baton Rouge. He attended Louisiana State University for his undergraduate studies and received a bachelor's degree in biological sciences with minor concentrations in psychology and chemistry. He received his Doctor of Dental Surgery (DDS) degree from LSUSD in New Orleans. After dental school, he worked in private practice as a general dentist for several years before returning to LSUSD, where he completed a 3-year residency in the department of prosthodontics. He received extensive training in full mouth rehabilitation, implant prosthetics, occlusion, TMD, dentofacial esthetics, advanced treatment planning, and advanced digital dentistry. As part of his residency, he received a Master's of dental science degree. This extensive training allows Dr. Kiebach to provide a variety of comprehensive restorative treatment options, utilizing the most advanced technology available. Dr. Kiebach has a special interest in the use of digital technology to provide enhanced diagnostic and treatment planning capabilities, create synergy between the clinical team and the laboratory, and ultimately provide superior patient experience. His passion is in simplifying the process of creating a virtual patient (digital clone) through the fusion of multiple streams of data coming from various digital technologies such as computed tomography (3D X-rays), digital photography, *3D facial scanners, intraoral scanners, 4D jaw motion tracking, digital CAD design software, and 3D printers. Armed with the superior diagnostic data achieved with the virtual patient creation, our interdisciplinary team of specialists can create customized surgical and prosthetic treatments in a fraction of the time.



John Nale, DDS, MD

John Nale has been a surgeon at Carolinas Center for Oral and Facial Surgery in Charlotte, NC for over 13 years. He practices full-scope oral surgery with a concentration in TMJ Surgery. He has authored chapters on the management of TMD patients and the management of orthognathic patients with TMD. He was also the instructor for TMJ surgery at both the Denver and LSU Oral Surgery review courses.



Steven Nelson, DDS, MD

An oral and maxillofacial surgeon who was raised in Baton Rouge. He attended Louisiana State University for his undergraduate studies and received a bachelor's degree in biological sciences. He received his Doctor of Dental Surgery (DDS) degree from Louisiana State University School of Dentistry in New Orleans, Louisiana. In addition to graduating at the top of his dental school class, he was bestowed the Horace Wells Excellence in Dental Anesthesia Award, and the Excellence in Implant Dentistry Award. He was also inducted into the C. Edmund Kells and OKU Dental Honor Societies. Dr. Nelson has a special interest in orthognathic surgery, bone grafting, soft tissue grafting, and dental implant surgery. Along with his well-trained office staff, he can provide his patients with the most updated and accurate methods of care using in-office CT scans and the latest digital equipment.



OMS PEARLS XI • OBJECTIVES

Dr. John Nale

In-Office TMJ Surgical Treatment: Keys to Safe and Successful Outcomes...And Why We Do It!

- Review of TMJ surgical techniques used in an In-Office setting
- Describe perioperative and postoperative management of the TMJ surgical patient
- Define the benefits of performing outpatient TMJ surgeries in the office

Dr. Rana Almudamgha

Diagnosis and Treatment of Orofacial Pain

- Define the wide variety of types of pain that present in the facial region
- Identify the main categories in a differential diagnosis of facial pain
- Differentiate between neurologic and muscular pain

Dr. Teresa Biggerstaff

The Role of Nutrition in Healing of Maxillofacial Surgery

- Define how certain micronutrients can influence wound healing
- Discuss the role of nutrition and immune function on bone and soft tissue regeneration and dental implant osseointegration
- Outline how certain micronutrient deficiencies can be corrected

Dr. Jeffrey James

Anesthesia Update - Incorporating DEXmedetomidine into the Office-based Anesthesia Model Provided by the Oral and Maxillofacial Surgeon

- Review parameters of care set forth by AAOMS regarding office-based anesthesia
- Review DEXmedetomidine mechanism of action, indications, and dosing
- Provide practical insight regarding DEXmedetomidines use in office-based OMS

Drs. David Bulot, Steven Nelson and Thomas Kiebach

Dental Implants

- Recognize new technology, both instrumentation and grafting materials that are useful in managing complications
- Identify therapies that are based on appropriate scientific evaluation as opposed to anecdotal reports
- Organize surgical practices to incorporate the most current and scientifically proven approaches to the management of implant surgical cases

JACK KENT ORAL & MAXILLOFACIAL SURGERY FOUNDATION



Executive Director
Jeffrey James
MD, DDS, MBA, FACS FAACS



Co-Executive Director
John Wesley (Wes) Emison
MD, DDS



Program Coordinator
Teresa Biggerstaff
DDS, MD



Program Coordinator
Brian Farrell
DDS, MD, FACS

The Louisiana Society of Oral and Maxillofacial Surgeons and The LSU Oral and Maxillofacial Surgery Alumni Associations in conjunction with Osteo Science Foundation are proud to join the Jack Kent Oral and Maxillofacial Surgery Foundation (JKOMSF) in sponsoring OMS Pearls XI. The Osteo Science Foundation is also jointly providing this activity with the LSOMS and LSU OMS to provide CDE/CME credit.

The LSU OMS Alumni Association, through the efforts of a core group of concerned alumni, formed the Jack Kent Oral and Maxillofacial Surgery Foundation (JKOMS Foundation) in 2010 for the purpose of supporting the teaching, research, and service goals of the LSU OMS department in New Orleans. The foundation is a 501(c)(3) organization, and all donations are tax-deductible.

PEARLS XI

Friday, April 12, 2024

5:30 pm Welcome Reception

Saturday, April 13, 2024 • Academic Course Schedule

Total Hours CME 7.0 (420 Minutes)

- 7:00 am -7:45 am **Sign-In / Registration / Coffee and Refreshments**
- 8:00 am -9:30 am **In-Office TMJ Surgical Treatment: Keys to Safe and Successful Outcomes...And Why We Do It!**
John Nale, DDS MD FACS
- 9:30 am - 11:00 am **Diagnosis and Treatment of Orofacial Pain-Non-Surgical TMJ Treatment**
Rana Almudamgha, DDS
- 11:00 am -12:00 pm **The Role of Nutrition on Healing in Maxillofacial Surgery**
Lunch & Learn
Teresa Biggerstaff, DDS MD
- 12:00 pm -1:30 pm **Anesthesia Update- Incorporating DEXmedetomidine into the Office-Based Anesthesia Model Provided by the Oral and Maxillofacial Surgeon**
Jeffrey James, MD, DDS, MBA, FACS, FAACS
- 1:30 pm-3:00 pm **Full Arch Digital Implant Workflow. Alternative Implant Strategies**
David Bulot, DDS MD, Steven Nelson, DDS MD, and Thomas Kiebach, DDS MSD

BOOK YOUR HOTEL

The Westin New Orleans is the host hotel for OMS Pearls XI.



Book your stay soon! We've reserved a group rate but you must reserve your room(s) by Wednesday, March 13, 2024.

The Westin New Orleans
Group ID: Oral & Maxillofacial Surgery Pearls
100 Iberville Street • New Orleans, LA 70130
504-566-7006



Continuing Education Credits

Up to 7.0 CDE and CME credits will be provided for full attendance at this meeting.

Accreditation and Designation Statements • Oral and Maxillofacial Surgery Pearls XI

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of PeerPoint Medical Education Institute and the Osteo Science Foundation. PeerPoint Medical Education Institute is accredited by the ACCME to provide continuing medical education for physicians.

PeerPoint Medical Education Institute designates the live format for this educational activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.



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This activity is presented for educational purposes only. Participants are expected to use their own expertise and judgment while engaged in the practice of oral and maxillofacial surgery. Attendees should check specific details such as drug doses, contraindications, etc., in standard sources prior to clinical application. The content of presentations is provided solely by presenters who have been selected because of their recognized expertise.

The OMS Pearls Conference is presented and managed by the Jack Kent Oral and Maxillofacial Surgery Foundation. The express purpose of this conference is to provide continuing education in the field of oral and maxillofacial surgery for those in attendance. The statements, ideas, and opinions expressed in this conference are those of the individual participants and in no way should reflect the statements, ideas, and opinions of any specialty certifying organization; any OMS professional or alumni organization; LSU Health New Orleans School of Dentistry; LSU Health Sciences Center in New Orleans and Shreveport; the LSU Department of Oral and Maxillofacial Surgery; or others involved in this activity.

EDUCATION + ENTERTAINMENT

FRENCH QUARTER FESTIVAL

LARGEST SHOWCASE OF LOUISIANA MUSIC IN THE WORLD

After your day of continuing OMS education, you will want to head to the French Quarter and soak up one of our city's best kept secrets: the 2024 French Quarter Festival. The event kick off Thursday, April 11 and ends after dark on Sunday, April 14. Presented by Chevron, the festival offers local music, food, crafts, and special events, all presented in a one-of-a-kind neighborhood—the historic French Quarter.

More than 20 stages throughout the French Quarter celebrate local music and represent every genre from traditional and contemporary jazz to R&B, New Orleans funk, brass bands, folk, gospel, Latin, Zydeco, classical, cabaret, and international. There's even a musical stage for children. You'll also have a chance to sample from food and beverage booths featuring authentic local cuisine from renowned area restaurants and shop for local crafts and art.

Visit www.frenchquarterfest.org for more information, to sign up for the festival's mailing list, and to receive updates when the music schedule is announced.



REGISTRATION FORM

Please duplicate this form as needed.

OMS PEARLS XI • NEW ORLEANS • APRIL 13, 2024

CONFERENCE TUITION: OMS \$599 • All Residents & Fellows \$299

Includes coffee, refreshments and lunch

Need More Information?

Call or email Michele Holmes, 504.941.8211, mjaco2@lsuhsc.edu

In compliance with the Americans with Disabilities Act, if special accommodations are needed, please notify Michele Holmes at 504.941.8211 no later than Monday, March 18, 2024.

WAYS TO REGISTER:



Online:

<http://tinyurl.com/OMSPearlsXI>



Michele Holmes
LSUSD, Dept. OMS
1100 Florida Ave.
New Orleans, LA 70119



Call 504.941.8211



Fax 504.941.8197

Name _____

DDS DMD MD OMS RD Fees \$ _____

Please check here if you will attend the Friday 5:30 PM Reception.

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Method of Payment: Check (payable to JKOMS Foundation)

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This conference is presented by the
Jack Kent Oral and Maxillofacial Surgery Foundation

CANCELLATION AND REFUND POLICY: Jack Kent Oral and Maxillofacial Surgery Foundation reserves the right to cancel this conference should circumstances warrant such action, and your tuition will be refunded. If you must cancel your registration for this conference, the Foundation will refund your tuition (minus an administrative fee) if written notification of your withdrawal is received by the Foundation 15 working days prior to the start of the conference. Notification of withdrawal received after the conference begins will result in forfeiture of your entire tuition. The Jack Kent Oral and Maxillofacial Surgery Foundation Conference cannot be held responsible for the cost of a nonrefundable airline ticket, flight charge, or hotel reservation in the event this conference is canceled or rescheduled. **EQUALITY OF EDUCATIONAL OPPORTUNITY:** The Jack Kent Oral and Maxillofacial Surgery Foundation is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, age, or disability.

NO RECORDING DEVICES WILL BE ALLOWED IN THE LECTURE ROOM.

NEW ORLEANS APRIL 13, 2024

ORAL AND MAXILLOFACIAL SURGERY PEARLS XI

PEARLS FOR THE MODERN DAY ORAL AND MAXILLOFACIAL SURGEON

**REGISTER
TODAY!**



PRESENTERS:

- Rana Almudamgha, DDS
- Teresa Biggerstaff, DDS, MD
- David Bulot, DDS, MD
- Jeffrey James, DDS MD, MBA, FACS, FAACS
- Thomas Kiebach, DDS, MsD
- John Nale, DDS, MD
- Steven Nelson, DDS, MD

JACK KENT
ORAL & MAXILLOFACIAL SURGERY FOUNDATION

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APRIL 11-14, 2024**

