

ايدك AEEDC DUBAI

OMFS



AEEDC Dubai World Oral and Maxillofacial Surgery Conference

"Conventional vs. Technologies in Oral and Maxillofacial Surgery"

7-8 FEB 2024

Dubai World Trade Centre

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His Highness Sheikh Mohamed bin Zayed Al Nahyan
President of the United Arab Emirates



His Highness Sheikh Mohammed bin Rashid Al Maktoum
Vice-President and Prime Minister of the United Arab Emirates and Ruler of Dubai

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Message from the **Executive Chairman**



His Excellency Amb. Dr. Abdulsalam AlMadani

Executive Chairman of AEEDC Dubai and Global Scientific Dental Alliance - GSDA

We are delighted to welcome you all to the 9th edition of the AEEDC Dubai World Orthodontic Conference of 2024!

The significance of oral health in our lives cannot be overstated, as recent years have witnessed a remarkable rise in awareness about oral health, with orthodontists positioned at the forefront of this movement. We now know that 33% of the global population has undergone orthodontic treatment in their lifetime, reinforcing the necessity of organizing this conference. It serves as an essential part in comprehending the ongoing expansion and ensuring that dentists are equipped with the latest information and technology to meet the increasing demands of our time.

Over a two-day period held under the theme, Conventional and Futuristic, we promise to deliver an expansive educational program curated by leading specialists, exploring the most advanced orthodontic topics that will leave you enriched in the world of orthodontic dentistry.

As we move forward, our combined efforts and commitment to excellence are a sure contribution to the dynamic evolution of orthodontics, where we are sure to benefit from for years to come.

We look forward to your presence at this innovative event and wish you an unparalleled experience at the 9th edition of the AEEDC Dubai World Orthodontic Conference!

Message from the Honorary Chairman



Dr. Tariq Khoory

**Honorary Chairman - AEEDC Dubai
Consultant - Dubai Dental Services,
Dubai Health Authority**

We are delighted to welcome you all to the AEEDC Dubai 2024 World Oral and Maxillofacial Surgery Conference, where the evolution of oral and maxillofacial surgery unfolds and cutting-edge technologies redefine traditions.

This year's central theme, 'Conventional vs. Technologies in Oral and Maxillofacial Surgery,' invites us to explore the dynamic relationship between traditional methods and modern innovations, raising crucial questions about effectiveness, safety, and patient outcomes. This conference is a profound journey of exploration, critical analysis, and a holistic understanding of integrating both models to enhance surgical techniques and provide optimal patient care.

Over the course of this specialized two-day event, immerse yourself in keynote lectures and case-based discussions led by international experts, offering fresh perspectives on the evolving challenges in this field. Despite being one of the most dynamically developing surgical fields, oral and maxillofacial surgeries continually encounter new challenges. That is why we've meticulously crafted a highly interactive learning environment where we'll delve into critical controversies, share experiences, and collectively overcome challenges.

We express our gratitude for being part of this journey toward a deeply insightful conference. Together with specialists from around the world, let us nurture our skills and contribute to constructive progress in oral and maxillofacial surgery!

Message from the **Executive Director**



Dr. Mohammad Abedin

DMD, Facharzt,
Consultant Oral & Maxillofacial Surgery Dep- DAHC
Scientific Vice Chairman, AEEDC Dubai
Executive Director

I would like to start by thanking all the colleagues who participated in any way in organising this important annual scientific meeting and for the successful results, the continuous efforts of so many have translated into new horizons.

Additionally, I thank all the delegates for being a part of this event. Without every single participant, the event would not be possible.

Welcome to AEEDC World Oral and Maxillofacial Surgery Conference 2024.

Message from the Scientific Chairman



Prof. Dr. Dr. Majeed Rana

Scientific Chairman
AEEDC Dubai World Oral and Maxillofacial Surgery Conference 2024

It gives us a great pleasure to invite you to the AEEDC Dubai World Oral & Maxillofacial Surgery Conference 2023, which is scientifically endorsed by the International Association of Oral and Maxillofacial Surgeons (IAOMS). This event will be a present event with face to face interaction. The focus of this conference is to diagnose and treat the most difficult part of craniomaxillofacial deformities. To consider functional and aesthetical appearance for corrective procedures is one of the most challenging parts of interdisciplinary work on the hard and soft tissue of the face. It is a highly complex area that challenges dealing with this region in term of individual aesthetical appearance and functional outcome. Target participants are all those involved in the management and surgical treatment of patients with orthognathic deformities, defects created by trauma and malignancy and a special focus on aesthetical disturbances of the mandible and orbital region. This two day lasting course is composed of lectures, panel discussions and case demonstrations and is designed for surgeons and surgical trainees of all levels. It will include lectures held by high profile international speakers with strong emphasis given to pitfalls and complication management. The IAOMS faculty and regional faculty are world leaders with a huge experience in the management of craniomaxillofacial deformities. We hope to expand your knowledge and surgical skills in this fascinating area of craniomaxillofacial surgery.

Acknowledgement



**AEEDC Dubai World Oral &
Maxillofacial Surgery Conference**

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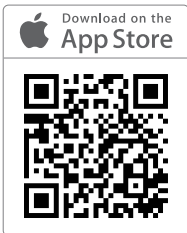
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Dr. Bader AlHashmi

BDS, MSc, PhD
Previous Chairman of the AOCMF Middle East Board
Consultant Oral & Maxillofacial Surgeon
Abu Dhabi - UAE



Dr. Dr. Jurgen Ervens

Vice Chairman, Dept. of Maxillofacial and Plastic Facial Surgery, Charité - Universiaetsmedizin Berlin
Campus Benjamin Franklin
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Dr. Wail Kinani

Consultant Oral & Maxillofacial Surgery at Diriyah Hospital, Riyadh , Saudi Arabia.
Craniofacial subspecialty Fellow at Regensburg University Hospital.
Visiting Consultant at Regensburg University Hospital, Germany.
Head of Scientific Activity of Saudi Board in 1st sector.



Dr. Dr. Ahmed Al-Dam

FEBOMFS, Head of Department of Maxillofacial Surgery and Dental, SKGH, Umm Alquwain, UAE.
Assist. Prof. RAK University UAE



Prof. Amir Elbarbary

MD, MSc, PhD, Craniofacial fellowship UCLA
Chair, AOCMF Middle East & Northern African Board
Professor of Plastic & Craniomaxillofacial Surgery, Faculty of Medicine, Ain Shams University, Cairo-Egypt



Dr. Mohammed Abdulla Al-Muharraqi

MBChB, BDS, MSc, FRCS, FDS RCS, FFD RCSI, FDS RCS, FDS RCPS, MFDS RCS
Senior Consultant Maxillofacial, Head & Neck Surgeon (Head of Department), Royal Medical Services, Bahrain Defence Force (RMS-BDF), Bahrain, Head of Clinical & Scientific Research, Crown Prince Centre for Training & Medical Research (CPCTMR), Bahrain
Associate Editor (Senior Section Editor), British Journal of Oral & Maxillofacial Surgery (BJOMS), UK
International Dental Ambassador for the Middle East & North Africa at the Royal College of Surgeons (RCS) Edinburgh, UK

Scientific & Organising Committee



H. E. Amb. Dr. Abdulsalam Al Madani
Executive Chairman
AEEDC Dubai and Global Scientific Dental Alliance



Eng. Anas Al Madani
Vice Chairman & Group CEO,
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Prof. Dr. Dr. Majeed Rana
MD, DDS
Vice Director, Department of Oral and Maxillofacial and
Plastic Facial Surgery, Heinrich Heine University Dusseldorf
Scientific Chairman, AEEDC Dubai World Oral &
Maxillofacial Surgery Conference



Dr. Mohammad Abedin
DMD, Facharzt,
Consultant Oral & Maxillofacial Surgery Dep- DAHC
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Guest Speakers



Prof. Amir Elbarbary - Egypt

MD, MSc, PhD, Craniofacial Fellowship UCLA
Chair, AOCMF Middle East & Northern African Board Professor of Plastic & Craniomaxillofacial Surgery, Faculty of Medicine

Ain Shams University



Dr. Fadi Zibdeh - Jordan

MD
Consultant Plastic & Reconstructive Surgeon, Owner, and Director

Private Practice



Prof. Faisal A. Quereshy - USA

MD, DDS, FACS
Professor, Residency Program Director, Course Director, Medical Director, Oral-Facial & Cosmetic Surgeon

Case Western Reserve University School of Dental Medicine



Prof. Federico Hernández-Alfaro - Spain

MD, DDS, PhD, FEBOMS
Full Professor & Chairman Dept. of Oral & Maxillofacial Surgery, Director. Instituto Maxillofacial and Barcelona Intensive Course in Orthofacial Surgery

Universitat Internacional de Catalunya



Prof. K. Gopal Krishnan - India

BDS, MDS, FDSRCS (Eng)
Senior Professor, Senior Consultant, Chairperson AOCMF Asia Pacific Region, Adjunct Professor, Member Board of Studies (Postgraduate)

S.D.M. College of Dental Sciences & Hospital, Shri Dharmasthala Manjunatheshwara University

Guest Speakers



Prof. Dr. Dr. Majeed Rana - Germany

MD, DDS, MBA

Senior Consultant, Deputy Clinic Director, Specialist in Oral and Maxillofacial Surgery, Plastic and Aesthetic Surgery, Specialist in Oral Surgery

Scientific Chairman, AEEDC Dubai World Oral & Maxillofacial Surgery Conference

Heinrich-Heine-Universität Düsseldorf



Prof. Manlio Galie' - Italy

MD, DMD, FEBOMFS

Clinical Professor, Specialist Oral and Maxillofacial Surgeon, Head of the Department of Cranio Maxillo Facial Surgery, President Elect 2022 - 2024 of EACMFS

Sant'Anna Ferrara University Hospital



Dr. Mohammed Nadershah-Saudi Arabia

BDs, MSc, MD

Residency Program Director, Consultant & Associate Professor in Oral and Maxillofacial Surgery

King Abdulaziz University Dental Hospital



Prof. Dr. mult. Robert Sader - Germany

MD, DDS, PhD

University Professor, Clinical Director, and Academic Chair

Carolinum University Dental Institute, Goethe-University Frankfurt



Dr. Sapna Vaderra - India

BDS, MDS (Oral and Maxillofacial Surgery)

Consultant Facial Plastic & Facial Cosmetic Surgeon

Private Practice

Guest Speakers



Dr. Wail Sami A. Kinani – Saudi Arabia

BDS, SB-OMS, UKRF

Consultant in Oral and Cranio-Maxillofacial Surgery

Ad Diriyah Hospital



Prof. Dr. Xudong Wang – China

DDS, MD

Professor and Director Department of Oral and Craniomaxillofacial Surgery, Vice President

Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine

Accreditation

ACCREDITATION

AEEDC Dubai World Oral and Maxillofacial Surgery Conference 2024 has received the following CME Accreditation

13.75 CME Points - Accredited by



Accreditation # DHA/MTS/ACC/24-0173/A



The International Congress For Health Specialties – ICHS certifies that the scientific program titled AEEDC Dubai World Orthodontic Conference 2024, held on February 7-8, 2024 is awarded **16 ICHS CME Credits**. Accreditation Number **ICHS-24-59**



CDE/PD Accredited Hours: 15 – CDE/PD Hours
Accreditation Number: 0022/2022

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CONFERENCE PROGRAM

DAY
ONE

MON
07

DAY
TWO

TUES
08

FEBRUARY
2024

Conference Program
DAY ONE  **WED**
07 Feb 2024

09:00 - 09:15



Welcome & Introduction
Mohammad Abedin, Majeed Rana

MODULE I - ORTHOGNATHIC SURGERY

09:15 - 12:30

Scientific Moderator:

Mohammed Al Muharraqi

Chairperson:

Mir Asad Ali

09:15 - 09:45



The Art of Orthognathic Surgery
Federico Hernández-Alfaro

09:45 - 10:15



Sequencing in Orthognathic Surgery:
Mandible vs. Maxilla First
Faisal A. Quereshy

10:15 - 10:45



Optimizing Sequencing of Orthognathic
Surgery to Achieve Aesthetic Results
Mohammed Nadershah

10:45 - 11:15



Facial Asymmetry
Majeed Rana

11:15 - 11:35



Simultaneous Orthognathic Surgery and Fibular Free
Flap Reconstruction for Dentomaxillofacial Deformities
Caused by Long-Term Mandibular Defect
Xudong Wang

09:00 - 09:15



Emerging Technologies in Orthognathic
Surgery vs. Conventional (30 min)
Expert Panel Case-based Discussion (25
min) Complex Cases & Complications
Federico Hernández-Alfaro (Presenter)
Mohammed Nadershah, Xudong Wang
(Panelists)

12:30 - 14:00



LUNCH BREAK

Conference Program
DAY ONE  **WED**
07 Feb 2024

MODULE II - AESTHETICS IN ORTHOGNATHIC SURGERY 14:00 - 17:35

Scientific Moderator:
Shehzana Fatima

Chairperson:
Amir Elbarbary

14:00 - 14:50



Aesthetical Adjuncts in Orthognathic Surgery (20 min), Expert Panel Case-based Discussion (20 min)

Majeed Rana (Presenter)
Sapna Vadera, Robert Sader (Panelists)

14:50 - 15:10



Genioplasty: Indications and Variations
Xudong wang

15:10 - 15:50



Aesthetical Complications in Orthognathic Surgery: How to Avoid and Overcome? (20 min), Expert Panel Case-based Discussion (20 min)

Mohammed Nadershah (Presenter)
Federico Hernández-Alfaro, Xudong Wang, Robert Sader, Manlio Galie' (Panelists)

15:50 - 16:20



Rhinoplasty Considerations in Orthognathic Surgery
Amir Elbarbary

Conference Program
DAY ONE  **WED**
07 Feb 2024



16:20 – 17:20

How to Avoid Complications in Rhinoplasty
(20 min)
Expert Panel Case-based Discussion (30 min)

Wail Sami A. Kinani (Presenter)
**Faisal A. Quereshy, Amir Elbarbary, Fadi
Zibdeh (Panelists)**

17:20 – 17:35

Q & A

Conference Program
DAY TWO  **THU**
08 Feb 2024

MODULE III - FACIAL AESTHETICS

09:00 - 12:30

Scientific Moderator:
Farzad Al Awadhi

Chairperson:
Ahmad Al Dam

09:00 - 09:30



Non-surgical Facial Rejuvenation
Fadi Zibdeh

09:30 - 10:00



Facial Aesthetics: Minimal Invasion, Artistic Transformation
Sapna Vaderra

10:00 - 10:30



How to Avoid Complications in Facial Rejuvenation?
Faisal A. Quereshy

10:30 - 11:40



How to Prevent Complications in Managing Periorbital Soft Tissues? (40 min), Expert Panel Case-based Discussion (30 min)

Amir Elbarbary (Presenter)
Sapna Vaderra, Fadi Zibdeh, Manlio Galie' (Panelists)

11:40 - 12:20



Surgical vs. Non-surgical Facelift
Faisal A. Quereshy

12:20 - 12:30

Q & A

12:30 - 14:00

 **LUNCH BREAK**

Conference Program
DAY TWO  **THU**
08 Feb 2024

MODULE IV – FACIAL TRAUMA & RECONSTRUCTION

14:00 – 17:30

Scientific Moderator:
Emad Omar

Chairperson:
Wael Kinani

14:00 - 14:40



Approaches to the Lower Face: Tips & Tricks
Wail Sami A. Kinani

14:40 - 15:20



Condylar Fractures: Challenges & Controversies
K. Gopal Krishnan

15:20 - 16:00



How can Emerging Technologies Improve My Results in Secondary Orbital Trauma?
Manlio Galie'

16:00 - 16:40



Medical Canthopexy: Tips & Tricks
Amir Elbarbary

16:40 - 17:10



Pediatric Trauma Complications
K. Gopal Krishnan

17:10 - 17:20

Q & A

17:20 - 17:30

Closing Remarks

ABSTRACTS

DAY | WED
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FEBRUARY
2024



09:00 - 12:30

MODULE I - ORTHOGNATHIC SURGERY



Prof. Federico Hernández-Alfaro

The Art of Orthognathic Surgery

09:15 - 09:45

Abstract:

Orthofacial surgery, a specialized field within oral and maxillofacial surgery, plays a critical role in the restoration and enhancement of facial aesthetics and function. This lecture aims to provide an insightful overview of orthofacial surgery, its evolution, and its impact on patients' lives. Attendees will gain a comprehensive understanding of the principles, techniques, and recent advancements in this field.

Learning Objectives:

1. Explore the Fundamental Principles: Understand the fundamental principles of orthofacial surgery, including the diagnosis, treatment planning, and surgical techniques involved in correcting various craniofacial deformities.
2. Recognize the Multidisciplinary Approach: Recognize the importance of collaboration with other healthcare professionals, such as orthodontists and prosthodontists, in achieving optimal patient outcomes and the role of each discipline in the treatment process.
3. Stay Updated on Technological Advancements: Learn about the latest technological advancements in orthofacial surgery, including the use of #D imaging, computer-aided surgical planning, and minimally invasive techniques, and their impact on surgical precision and patient recovery.
4. Appreciate the Life-changing Impact: Gain and appreciate for the life-changing impact of orthofacial surgery on patients' quality of life, both in terms of improved facial aesthetics and functional outcomes, through real patient case studies and testimonials.



09:00 - 12:30

MODULE I - ORTHOGNATHIC SURGERY



Prof. Faisal A. Quereshy

Sequencing in Orthognathic Surgery: Mandible vs. Maxilla First

09:45 - 10:15

Abstract:

The sequencing of bimaxillary orthognathic surgery has been a subject of debate for decades. Even within many training institutions, philosophical differences in sequencing exist among many of the educators. The goal of this topic is to determine whether sequencing in orthognathic surgery, specifically maxillary lefort osteotomy versus mandibular osteotomy, matters.

Learning Objectives:

1. Review the historical aspects of orthognathic surgery
2. Appreciate the use of advance technologies in planning of surgery
3. Learn the various key factors to consider planning and executing orthognathic surgery
4. Discuss the advantage of maxillary first surgery
5. Discuss the advantage of mandibular first surgery



09:00 - 12:30

MODULE I - ORTHOGNATHIC SURGERY



Dr. Mohammed Nadershah

Optimizing Sequencing of Orthognathic Surgery to Achieve Aesthetic Results

10:15 - 10:45

Abstract:

To achieve optimal and stable aesthetic results in orthognathic surgery, multiple ancillary procedures may be required. This includes facial implants liposuction/lipofilling, TMJ procedures, and rhinoplasty. This presentation will discuss different procedures and case example to achieve aesthetic and stable outcomes.

Learning Objectives:

1. List different ancillary surgical procedures to orthognathic surgery.
2. Describe the role of TMJ in orthognathic surgery.
3. Demonstrate use of facial implants in orthognathic surgery.
4. Analyze the sequence of these adjunct procedures in orthognathic surgery.
5. Appraise the pertinent literature.



09:00 - 12:30

MODULE I - ORTHOGNATHIC SURGERY



Prof. Dr. Dr. Majeed Rana

Optimizing Sequencing of Orthognathic Surgery to Achieve Aesthetic Results

10:15 - 10:45

Abstract:

Facial asymmetry can significantly impact an individual's self-esteem and quality of life. This presentation explores the surgical procedures and new technologies designed to address facial asymmetry and enhance patient outcomes. Surgical interventions ranging from orthognathic surgery to facial implants vary in their outcomes and long-term stability. These procedures aim to restore facial harmony by adjusting the underlying skeletal structures or augmenting specific facial features.

Advancements in medical technology have revolutionized the field, offering innovative solutions to further improve patient outcomes. Three-dimensional imaging and computer-assisted planning tools enable surgeons to meticulously analyze facial asymmetry and plan precise interventions. This tailored approach enhances surgical accuracy and reduces the risk of postoperative complications. Moreover, the integration of virtual reality and augmented reality technologies allows surgeons to simulate procedures in a virtual environment, providing a valuable tool for preoperative visualization and patient communication.

Additionally, the utilization of 3D printing technology in the creation of custom implants and surgical guides has contributed to the personalization of facial asymmetry correction procedures. These patient-specific solutions ensure a tailored fit and improved aesthetic results.

In conclusion, the combination of traditional surgical procedures and cutting-edge technologies represents a comprehensive approach to addressing facial asymmetry. The integration of new technologies not only enhances surgical precision but also expands the range of treatment options available to patients, ultimately contributing to improved aesthetic outcomes and patient satisfaction.

Learning Objectives:

1. Enhance Surgical Precision through Advanced Imaging Techniques to analyze facial asymmetry surgical results.
2. Optimize Patient-Specific Solutions with 3D analyzing and printing technologies.
3. Facilitate Virtual Surgical Simulation for Preoperative Visualization and implement virtual reality (VR) and augmented reality (AR) technologies to simulate facial asymmetry correction procedures.
4. Evaluate Long-Term Patient outcome stability following facial asymmetry correction procedures.



09:00 - 12:30

MODULE I - ORTHOGNATHIC SURGERY



Prof. Dr. Xudong Wang

Simultaneous Orthognathic Surgery and Fibular Free Flap Reconstruction

11:15 - 11:35

Abstract:

Simultaneous treatment of long-term mandibular deficiency and the resulting dentofacial deformities is an exceptionally challenging task. Leveraging years of experience in digital surgical techniques, the Department of Oral and Maxillofacial Surgery at the Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, has successfully formulated a well-organized aesthetic restoration and reconstruction workflow to address such cases. This workflow involves the integrated application of orthodontics, simultaneous orthognathic surgery, and microsurgical reconstruction utilizing a fibular free flap. The results highlight the successful completion of treatment for all patients, with a notable improvement in both facial aesthetics and functionality postoperatively.

Learning Objectives:

1. The developmental process of dentofacial deformities arising from long-term mandibular deficiency.
2. The importance of aesthetic restoration in dentofacial deformities arising from mandibular deficiency.
3. The workflow of aesthetic restoration and reconstruction for dentofacial deformities arising from long-term mandibular deficiency.
4. Surgical key considerations in aesthetic restoration and reconstruction for dentofacial deformities arising from long-term mandibular deficiency.
5. Postoperative outcomes of aesthetic restoration and reconstruction for dentofacial deformities arising from long-term mandibular deficiency.



09:00 - 12:30

MODULE I - ORTHOGNATHIC SURGERY



**Prof. Federico
Hernández-Alfaro**

Panelist



**Dr. Mohammed
Nadershah**

Panelist



**Prof. Dr. Xudong
Wang**

Panelist

**Emerging Technologies in Orthognathic Surgery vs. Conventional
Expert Panel Case-based Discussion (30 min)
Complex Cases & Complications**

11:35 - 12:15

Abstract:

Orthognathic surgery, a specialized branch of oral and maxillofacial surgery, has evolved significantly over the years. This lecture will delve into the emerging technologies that are reshaping the landscape of orthognathic surgery and compare them with conventional methods. Attendees will gain insights into the advantages, challenges, and potential impact of these innovations on patient care.

Learning Objectives:

1. Understand the Evolution of Orthognathic Surgery: Examine the historical progression of orthognathic surgery techniques and how emerging technologies are revolutionizing the field, with a focus on improving surgical precision and patient outcomes.
2. Compare Emerging Technologies with Conventional Methods: Explore the key differences between emerging technologies, such as computer-assisted planning, navigation systems, and 3D printing, and traditional orthognathic surgery methods, including advantages, limitations, and potential complications associated with each approach.
3. Assess the Impact on Patient Care: Evaluate the potential impact of emerging technologies on patient care, including reduced surgical times, improved aesthetic outcomes, and enhanced postoperative recovery, through a review of relevant clinical studies and case examples.
4. Consider the Future of Orthognathic Surgery: Discuss the prospects for future developments in orthognathic surgery, including the integration of artificial intelligence and virtual reality, and these innovations may further transform the field, offering new opportunities and challenges.
5. Postoperative outcomes of aesthetic restoration and reconstruction for dentofacial deformities arising from long-term mandibular deficiency.



14:00 - 17:30

MODULE II - AESTHETICS IN ORTHOGNATHIC SURGERY



**Prof. Dr. Dr. Majeed
Rana**

Panelist



**Dr. Sapna
Vaderra**

Panelist



**Prof. Dr. Robert
Sader**

Panelist

**Aesthetical Adjunctions in Orthognathic Surgery
Expert Panel case-based Discussion (20 min)**

14:00 - 14:50

Abstract:

Orthognathic surgery, a corrective procedure for functional and aesthetic issues related to jaw misalignments, has seen significant advancements with the incorporation of aesthetical adjunctions. This presentation and panel discussion explore the integration of aesthetic considerations into orthognathic surgery to enhance facial harmony and patient satisfaction. Traditionally focused on correcting functional aspects, modern orthognathic surgery recognizes the importance of addressing aesthetic concerns for comprehensive patient care.

Aesthetic adjunctions in orthognathic surgery involve the incorporation of techniques such as genioplasty, rhinoplasty, and soft tissue contouring to achieve optimal facial aesthetics. These adjunct procedures, when strategically employed, contribute to a balanced and harmonious facial profile. Moreover, advancements in computer-aided design and three-dimensional imaging enable precise planning, allowing surgeons to tailor interventions to individual patient characteristics.

Learning Objectives:

1. Implement Comprehensive Preoperative Evaluation Protocols that assess both functional and aesthetic aspects of jaw misalignments.
2. Refine Surgical techniques for Aesthetic Adjunctions in orthognathic surgery.
3. Evaluate Long-Term Aesthetic Outcomes.
4. Integrate advanced technologies in optimizing the patient's outcomes.



14:00 - 17:30

MODULE II - AESTHETICS IN ORTHOGNATHIC SURGERY



Prof. Dr. Xudong Wang

Genioplasty: Indications and Variations

14:50 - 15:10

Abstract:

Genioplasty stands as a crucial method of treating various chin deformities. Osteotomy, a pivotal component of genioplasty, results in a variety of designs based on patients' facial features and aesthetic preferences. Building on the success of providing personalized genioplasty procedures for numerous patients, the Department of Oral and Maxillofacial Surgery at the Ninth People's Hospital, affiliated with Shanghai Jiao Tong University School of Medicine, investigates the indications and osteotomy procedure selection in genioplasty from the perspective of Eastern aesthetics. Results indicate that by rigorously determining indications, respecting cultural nuances, and flexibly applying osteotomy techniques, patients can achieve the desired outcomes.

Learning Objectives:

1. The main differences and similarities in chin aesthetics between eastern and western cultures.
2. The influence of cultural background on the perception of chin aesthetics.
3. Various osteotomy techniques and their selection in genioplasty.
4. Key surgical procedures in computer-assisted genioplasty.
5. Balancing individual expectations and postoperative outcomes in genioplasty.



14:00 - 17:30

MODULE II - AESTHETICS IN ORTHOGNATHIC SURGERY



Dr. Mohammed Nadershah

Panelist



Prof. Federico Hernández-Alfaro

Panelist



Prof. Dr. Xudong Wang

Panelist



Prof. Dr. Robert Sader

Panelist



Prof. Manlio Galie'

Panelist

Aesthetical Complications in Orthognathic Surgery: How to Avoid and Overcome?

Expert Panel Case-based Discussion (20 min)

15:10 - 15:50

Abstract:

An expert panel discussion to review cases with undesirable aesthetic complications discussing prevention and management of such outcomes. Introduction:

The goal of orthognathic surgery is achieving optimal function and aesthetic outcomes. This panel will discuss cases with pitfalls leading to less-than-ideal aesthetic result.

Learning Objectives:

1. List potential surgical techniques affecting aesthetic outcome.
2. Describe the role of genioplasty osteotomy in final outcome.
3. Demonstrate use of facial implants in orthognathic surgery.
4. Analyze cases with less-than-ideal aesthetic outcome.
5. Develop clear understanding for management strategies.



14:00 - 17:30

MODULE II - AESTHETICS IN ORTHOGNATHIC SURGERY



Prof. Amir Elbarbary

Rhinoplasty Considerations in Orthognathic Surgery

15:50 - 16:20

Abstract:

This lecture will emphasize the significance of addressing nasal aesthetics in conjunction with corrective jaw procedures. Rhinoplasty, traditionally associated with cosmetic enhancements, takes on a dual role when integrated into orthognathic surgery, contributing to both functional and aesthetic aspects of facial harmony.

The combination of orthognathic surgery and rhinoplasty requires a nuanced approach, necessitating a meticulous preoperative assessment to understand the interplay between jaw proportions and nasal aesthetics. Surgeons must optimize techniques to achieve the desired jaw correction while concurrently addressing nasal deformities, ensuring a harmonious and balanced facial outcome. As the fields continue to evolve, advancements in surgical techniques, imaging technologies, and patient-specific planning contribute to the refinement of combined rhinoplasty and orthognathic surgery approaches, ultimately enhancing the ability of surgeons to address complex facial discrepancies and provide patients with comprehensive, individualized care.

Learning Objectives:

1. Develop a Comprehensive Assessment Protocol preoperatively that evaluates both orthognathic and rhinoplasty components.
2. Incorporating advanced imaging techniques and three-dimensional simulations.
3. Simultaneous rhinoplasty with orthognathic surgery vs rhinoplasty as a separate procedure indication.
4. Achieving optimal functional and aesthetic outcomes.
5. Optimizing the sequence of procedures to enhance long-term stability.



14:00 - 17:30

MODULE II - AESTHETICS IN ORTHOGNATHIC SURGERY



Dr. Wail Sami A. Kinani

Panelist



Prof. Faisal A. Quereshy

Panelist



Prof. Amir Elbarbary

Panelist



Dr. Fadi Zibdeh

Panelist

How to Avoid Complications in Rhinoplasty?

16:20 - 17:20

Abstract:

Lecture to discuss the different causes of complication in rhinoplasty and how to avoid them

Introduction:

Rhinoplasty is the most common cosmetic procedure done in the last century. It has a huge impact on beauty of the face that gives the patient extreme confidence. This procedure done with very minimal complications. The best way is not to treat complications but to avoid complication before happening in this lecture we will discuss how to prevent complications in Rhinoplasty.

Learning Objectives:

1. Introduction to complication of rhinoplasty procedure
2. Time line complication according to diagnosis, procedure, post op care
3. How to manage each complication
4. The outcome of management each complication
5. How to prevent and assume complication before happening

ABSTRACTS

DAY | THURS
TWO | 08
FEBRUARY
2024



09:00 - 12:30

MODULE III - FACIAL AESTHETICS



Dr. Fadi Zibdeh

Non-surgical Facial Rejuvenation

09:00 - 09:30

Abstract:

Orthognathic The aging face is a complex of changes that evolve over time, complex because of the combination of many structures from Facial fat descent, deflation, and bony widening and atrophy, to ligaments and muscle changes and skin.

Non-surgical facial rejuvenation to restore and counter effect the aging process is very powerful tool in this era and as surgeons this powerful tool should be part of our armamentarium. This talk will be about discussing the aging process and tools to counter it using injectables (toxins and fillers) and addressing facial danger zones and present preferred techniques to reach the best safe outcome.

Learning Objectives:

1. Understand the aging process.
2. Appreciate Facal anatomy and facial danger zones relate to injectables.
3. Understand the mechanism of action to botulinum toxin and hypotonic acid filler.
4. Learn about the most common and preferred techniques done.



09:00 - 12:30

MODULE III - FACIAL AESTHETICS



Dr. Sapna Vaderra

Facial Aesthetics: Minimal Invasion, Artistic Transformation

09:30 - 10:00

Abstract:

Minimally Invasive Facial Aesthetic procedures have gained an increasing popularity over the years. A holistic solution for facial cosmetic concern in less to zero down time is preferred by patients as well. The goal of the session will be to empower doctors with practical insights and knowledge about the gamut of facial aesthetics in a grounded way to facilitate the easy incorporation of the same into their medical practice.

Learning Objectives:

1. To cover the evolving healthcare landscape, exploring the growth interest in aesthetic procedure and its impact on medical practices.
2. To discuss the spectrum of Facial Aesthetics including Antiaging and Beautification procedures.
3. To cover the pivotal role of products/devices (including Botulinum toxins, Dermal Fillers, Facial Threads, Deoxycholic acid, Chemical Peels and the entire gamut of LASERs) in improving the various cosmetic concerns on the face with special mention to concerns of Peri-Oral area will be discussed.
4. To highlight the importance of combination treatment to achieve unparalleled results.
5. To empower doctors with practical insights and knowledge about the gamut of facial aesthetics in a grounded way to facilitate the easy incorporation of the same into their medical practice



09:00 - 12:30

MODULE III - FACIAL AESTHETICS



Prof. Faisal A. Quereshy

How to Avoid Complications in Facial Rejuvenation?

10:00 - 10:30

Abstract:

Explore the art of complication prevention in facial rejuvenation with this insightful presentation. Led by renowned oral and maxillofacial surgeon Dr. Quereshy, the session delves into strategies to mitigate risks and ensure optimal outcomes. From meticulous preoperative assessment to the latest advancements in surgical and non-surgical techniques, discover a comprehensive approach to sidestep complications in the pursuit of facial revitalization. Gain practical insights applicable to both surgical facelifts and non-invasive procedures, empowering practitioners, and patients alike to navigate the rejuvenation journey with confidence and safety. Join us for an essential exploration of minimizing challenges in the quest for timeless facial aesthetics.

Learning Objectives:

1. Identify the risks in facial rejuvenation
2. Identify the early signs of complications
3. How to manage difficult postoperative outcomes (long term)
4. How to manage immediate postoperative sequelae
5. How to identify patient characteristics to avoid postoperative complications



09:00 - 12:30

MODULE III - FACIAL AESTHETICS



Prof. Amir Elbarbary
Panelist



Dr. Sapna Vadera
Panelist



Dr. Fadi Zibdeh
Panelist



Prof. Manlio Galie'
Panelist

**How to Prevent Complications in Managing Periorbital Soft Tissues?
Expert Panel Case-based Discussion (30 min)**

10:30 - 11:40

Abstract:

This presentation explores strategies for preventing complications in the management of periorbital soft tissues, a critical consideration in various surgical and aesthetic procedures. The periorbital region, encompassing the delicate tissues surrounding the eyes, requires meticulous attention to minimize potential complications and optimize outcomes. A thorough preoperative assessment considers factors such as patient anatomy, medical history, and specific procedure requirements. Additionally, employing advanced imaging techniques facilitates a detailed understanding of the periorbital structures, guiding precise interventions and minimizing the risk of inadvertent damage. The selection of appropriate surgical techniques is paramount. Utilizing minimally invasive approaches, when suitable, reduces trauma to the periorbital tissues and contributes to faster recovery times.

Learning Objectives:

1. Understand the Anatomy of Periorbital Soft Tissues.
2. Understanding the fundamentals for anticipating potential complications and ensuring precise management.
3. Recognize Potential Complications Early and enable timely intervention.
4. Emphasize the potential complications, and realistic expectations in postoperative care.



09:00 - 12:30

MODULE III - FACIAL AESTHETICS



Prof. Faisal A. Quereshy

Surgical vs. Non-surgical Facelift

11:40 - 12:20

Abstract:

Unfortunately, with age, there is physiological process that occurs with time that contribute to the loss of volume and facial support, metabolic changes that affect dermal and epidermal structures, muscle atrophy, and bone resorption. All these changes result in the aging face phenomenon that result in excess skin laxity loss of underlying structural support and loss of facial volume. We all know that Surgical, correction with the use of traditional facelift techniques have been tried. And true for many decades. However, now with the use of minimally invasive in office procedures, including, fillers, neurotoxins and resurfacing modalities, non-surgical facelifting has had significant advanced in their result.

Learning Objectives:

1. To appreciate the physiologic changes of facial structures with aging.
2. To understand the indications for surgical face lift
3. To describe, in brief, the surgical elements of face lift procedure.
4. To understand the indications of non-surgical face lift
5. To describe what materials to use in non-surgical face lift



14:00 - 17:20

MODULE IV – FACIAL TRAUMA & RECONSTRUCTION



Dr. Wail Sami A. Kinani

Approaches to the Lower Face: Tips & Tricks

14:00 - 14:40

Abstract:

In this lecture we will discuss the different approaches to lower face in trauma and reconstruction surgery

Introduction:

We all know in general that open reduction and internal fixation has a better outcome than close reduction. Surgeons in the past 50 years always try to avoid exposure of the mandible transcutaneously as much as they can and they try to approach the mandibular fracture through transoral approach. And the main reason for that is to avoid injury to facial nerve. In this lecture we will discuss the tips and tricks to approach lower face in trauma cases

Learning Objectives:

1. Retromandibular approach tips
2. Submandibular approach tips
3. Periangular approach tips
4. Periauricular approach tips
5. Surgical anatomy to lower face reconstruction



14:00 - 17:20

MODULE IV – FACIAL TRAUMA & RECONSTRUCTION



Dr. K. Gopal Krishnan

Condylar Fractures: Challenges & Controversies

14:40 - 15:20

Abstract:

Exploring the intricacies of mandibular condylar fractures this presentation delves into the challenges and controversies surrounding their management. From Diagnostic dilemmas to varies treatment modalities the presentation navigates through the evolving landscape of mandibular condylar fracture care. Controversial topics such as optimal timing for intervention and the choice between non-surgical and surgical approaches are scrutinized. Drawing on current research and clinical experiences, the presentation aims to shed light on the nuanced decision-making process in addressing mandibular condyle fractures, providing insights for practitioners grappling with the complexities of this common yet debated aspect of Maxillofacial trauma.

Learning Objectives:

1. Familiarise with various diagnostic modalities for condylar fracture.
2. Identify the clinical features of unilateral and bilateral condylar fractures.
3. Choose the ideal treatment option based on age and the nature of the fracture.
4. Recognise the potential complications of different treatment protocols.
5. Evolve a treatment plan ideal for the clinical situation while preventing potential long-term complications.



14:00 - 17:20

MODULE IV – FACIAL TRAUMA & RECONSTRUCTION



Prof. Manlio Galie'

How can Emerging Technologies Improve My Results in Secondary Orbital Trauma?

15:20 - 16:00

Abstract:

The orbit may be regarded as a “cross road” between pathology, anatomical regions, and specialities.

There are many types of pathologies involving the orbit:

Craniofacial Malformations, Traumatology, Endocrine Orbitopathy, Ptosis, Anophthalmia.

Fractures of the orbit are common and challenging to manage.

One of the typical effects of an orbital fracture is the enophthalmos that together with diplopia and ocular motility dysfunction are the most important clinical signs.

Given tissue changes following orbital trauma, secondary orbital reconstruction has traditionally been seen as extremely challenging.

Learning Objectives:

1. Define the role of the historical perspectives in the treatment of complex orbital trauma.
2. Identify the basic principles in the treatment of complex orbital trauma.
3. Asses the role of the maxilla-facial surgeon in the multidisciplinary Team.
4. Describe the role of the new technologies in the daily practice.
5. Evaluate the results of the new technologies compared to the conventional treatment.



14:00 - 17:20

MODULE IV - FACIAL TRAUMA & RECONSTRUCTION



Prof. Amir Elbarbary

Medial Canthopexy: Tips & Tricks

16:00 - 16:40

Abstract:

This presentation offers valuable insights, tips, and tricks to optimize outcomes in aesthetic and functional reconstructive procedures involving the medial canthal region. Medial canthopexy, is a surgical technique designed to provide stability and support to the inner corner of the eye in conditions such as telecanthus.

Effective implementation of medial canthopexy demands meticulous attention to detail during both planning and performing the surgical procedure. Surgeons must navigate the complex anatomy of the medial canthal tendon and surrounding structures, utilizing advanced imaging techniques for precise preoperative assessment. Tips include customizing the procedure to the individual patient's anatomy and ensuring optimal aesthetic and functional results.

Strategies for securing stable and long-lasting outcomes involve selecting appropriate suture materials and fixation points. The presentation highlights the significance of careful tissue handling, emphasizing gentle dissection and tension adjustments to avoid overcorrection or under-correction. Additionally, insights into postoperative care and potential complications contribute to a comprehensive understanding of medial canthopexy techniques.

Learning Objectives:

1. Optimize Preoperative Planning through preoperative assessment in medial canthopexy.
2. Emphasizing the importance of advanced imaging techniques.
3. Explore the recommended techniques, materials, and fixation points.



14:00 - 17:20

MODULE IV - FACIAL TRAUMA & RECONSTRUCTION



Dr. K. Gopal Krishnan
Pediatric Trauma Complications

16:40 - 17:10

Abstract:

Pediatric facial fractures pose unique challenges, as the growing facial skeleton requires specialized care to minimize complications. This presentation explores the complexities of managing pediatric facial fractures. Emphasizing potential complications such as growth disturbances, malocclusion, and psychological impact. Effective treatment strategies must balance fracture reduction with preserving facial development. This presentation discusses recent advances and emphasizes the importance of multi-disciplinary collaboration in addressing these fractures. Understanding and mitigating complications in pediatric fractures are crucial for optimizing long term outcomes and ensuring the overall well-being of young patients.

Learning Objectives:

1. Familiarise with potential complications in children with facial trauma
2. Identify situations with warrant urgent and immediate care
3. Choose the ideal treatment option based on age and the nature of the fracture
4. Recognise the need for long term follow up in condylar fractures
5. Evolve a treatment plan ideal for the clinical situation while preventing potential long-term complications

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