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2nd International Conference of Maxillofacial Surgery

MAX-LUX



Meet the experts

Jolie Ville Hotel

29th February - 1st March

2024 LUXOR

In collaboration with:

ORGANIZED BY: PURE SPOT EVENTS MANAGEMENT

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Conference President

Prof. Mamdouh Aboul- Hassan

Professor of Pediatric Plastic Surgery, Cairo University,
Medical Advisory Board WCF.
Director of Cleft Lip and Palate Center (Nile Cleft Center)

Honorary Presidents

Prof. Hamdy Hussein

Professor of General Surgery
President of Luxor University

Prof. Abdelfattah Sadakah

President of Egyptian Association of Oral
and Maxillofacial Surgery (EAOMS)

Vice President

Prof. Emad Saeed Helmy

Professor of Cranio Maxillofacial Surgery,
School of Dentistry, Cairo University.

Treasurer general of conference

Prof. Islam Amer

Associate Professor of Maxillofacial, Head and Neck Surgery,
Sohag University.

General Secretary

Prof. Ahmed Gaber Hasanen

Professor of Cranio Maxillofacial Surgery, Sohag University

Organizing Committee

Dr. Mahmoud Sobhy Alaam

Consultant of Maxillofacial, Head and Neck Surgery
Chairman of the Organizing Committee

Executive Director

Dr. Hatem El- Shazly

Head of Department of Maxillofacial, Head and Neck Surgery
El- karnak International Hospital, Egypt Healthcare Authority

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CONFERENCE AGENDA

DAY 1 - FEBRUARY 29TH 2024

10:30AM – 11:30AM - **REGISTRATION**

11:30AM – 12:00PM - **OPENING CEREMONY**

CAIRO CLEFT COURSE 15

Cleft Rhinoplasty 12:00PM – 04:30PM

MODERATOR: Prof. **Mamdouh Aboul- Hassan**
Prof. **Mahmoud Elbestar**

SESSION I - The Nose: Part of the Scene 12:00PM – 01:15PM

TIME	LECTURE	SPEAKER
12:00PM – 12:15PM	Anatomical Considerations	Prof. Mahmoud Sobhy Alaam
12:15PM – 12:30PM	Prepare for Repair : The Cleft Perioperative Protocol	Prof. Mary Shaker
12:30PM – 01:00PM	Rhinoplasty In Craniofacial Anomalies	Prof. Gosla Reidy
01:00PM – 01:15PM	Discussion	

SESSION II - The Nose: Infancy to childhood 01:15PM – 02:30PM

TIME	LECTURE	SPEAKER
01:15PM – 01:30PM	Orthodontic Rhinoplasty	Prof. Moh A. Gaffour
01:30PM – 01:45PM	Primary Cleft Rhinoplasty Limited	Prof. Mamdouh Aboul- Hassan
01:45PM – 02:00PM	Primary Cleft Rhinoplasty Extensive	Prof. Gosla Reidy
02:00PM – 02:15PM	Preschool Rhinoplasty	Prof. Mahmoud Elbestar
02:15PM – 02:30PM	Discussion	

02:30PM – 03:00PM - **COFFEE BREAK**

SESSION III - The Nose: Final Destination 3:00PM – 04:30PM

TIME	LECTURE	SPEAKER
03:00PM – 03:20PM	Cleft Maxilla Managment	Prof. Gosla Reidy
03:20PM – 03:40PM	Adult Rhinoplasty 1	Prof. Sameh Noemani
03:40PM – 04:00PM	Adult Rhinoplasty 2	Prof. Mahmoud Elbestar
04:00PM – 04:30PM	Discussion	

Head and Neck Reconstruction I 04:30PM – 06:00PM

CHIARPERSONS: Prof. **Ayman Abd El Wahab,**
Prof. **Kamal A-a M Hassanein,**
Prof. **Abdel Fattah Sadaka**

TIME	LECTURE	SPEAKER
04:30PM – 04:50PM	The Submental Artery Island Flap for Oral Cavity Reconstruction. The Ipsilateral versus the Contra-laterally Based: How To Choose	Prof. Ayman Abd El Wahab
04:50PM – 05:10PM	Lengthening Temporalis Myoplasty for Facial Reanimation in Long Standing Facial Paralysis	Prof. Francesco Bussu
05:10PM– 05:30PM	Nasolabial Flap in Reconstruction of Orofacial Defects	Prof. Kamal A-a M Hassanein
05:30PM – 05:45PM	Predictors of Complications after flap Reconstruction of Oral Cavity Defects Left after Ablation of SCC	Prof. Yasser Rayan
05:45PM – 06:00PM	The Ultrasound And Ultrasound Guided Procedures in the Hands of the Head And Neck Surgeon	Prof. Francesco Bussu
06:00PM – 06:15PM	Virtual Surgical Planning for Mandibular Reconstruction with the Fibula Free Flap	Prof. Mohamed Elshamaa
06:15PM – 06:30PM	Discussion	

07:00PM – **LUNCH**



SEE YOU TOMMORROW

DAY 2 - MARCH 1ST 2024

Head and Neck Reconstruction II 10:00AM – 12:00PM

CHIARPERSONS: Prof. **Ibrahim Mohamed Zeitoun**,
Prof. **Francesco Bussu**,
Prof. **Tarek Ftohy**

09:00AM – 10:00AM - **REGISTRATION**

TIME	LECTURE	SPEAKER
10:00AM – 10:30AM	Setting New Standards for the Management of Nose Vestibule Caecinomas	Prof. Francesco Bussu
10:30AM – 10:45AM	Fasciocutaneous and Chimeric Thoracodorsal Artery Flap for Reconstruction of Composite Head and Neck Defects	Prof. Mohamed H. Zedan
10:45AM – 11:00AM	Supraclavicular Flap in Head and Neck Reconsetruction	Prof. Islam Amer
11:00AM – 11:15AM	Pectoralis Major Myocutaneous Flap (PMMF) after Oral Cancer Resection	Prof. Hamdan El Saadi
11:15AM – 11:30AM	Clinical Implication of HPV Driven Carcinogenesis in the Head And Neck	Prof. Francesco Bussu
11:30AM – 11:45AM	Role of High Frequency Ultrasound in Head and Neck Skin Tumors	Prof. George Gamil Gerges
11:45AM – 12:00PM	Discussion	

12:00PM - 01:15PM - **PRAYING & BREAK**

Temporomandibular Joint Disorders 01:15PM – 04:45PM

CHIARPERSONS: Prof. **Emad Saeed Helmy**,
Prof. **Khalid Barakat**.

TIME	LECTURE	SPEAKER
01:15PM – 01:30PM	A Road Map for Effective TMD Diagnosis	Prof. Khalid Barakat
01:30PM – 01:45PM	Pain Management of TMD	Prof. Fatma Mohamed
01:45PM – 02:00PM	TMD Splint Therapy	Prof. Ahmed A. Shaaban
02:00PM – 02:15PM	An Mri Study for Normal Sample of Randomly Selected Non TMD Egyptian People	Prof. Emad Saeed Helmy
02:15PM – 02:30PM	Discussion	

02:30PM - 03:30PM – LUNCH

03:30PM – 03:45PM	Hyper and Hypoplasia of Mandibular Condyle	Prof. Mohamed Said Hamed
03:45PM – 04:00PM	TMJ Arthroscopy: Types and Technique	Prof. Aly Mohamed Atteya
04:00PM – 04:15PM	Growth Assessment Following Gap Arthroplasty in Mandibular Ankylosis Cases	Prof. Ahmed Temerk
04:15PM – 04:30PM	Sohag Early TMJ Endoscopic Experience	Prof. Mohamed Abd El Aal
04:30PM – 04:45PM	Discussion	

Orthognathic Surgery and Virtual Planning I 04:45PM – 06:00PM

CHIARPERSONS: Prof. **Mohamed Said Hamed**,
Prof. **Mohamed Hasan Osman**,
Prof. **Daisuke Tomita**

TIME	LECTURE	SPEAKER
04:45PM – 05:00PM	Long Face Syndrome; Surgical-orthodontic Correction of Gummy Smile	Prof. Ibrahim M. Zeitoun
05:00PM – 05:15PM	Versatility of Orthognathic Surgery in the Treatment of TMJ Associated Maxillofacial Deformities	Prof. Bassam M. Abotaleb
05:15PM – 05:30PM	Orthognathic Surgery for Cleft Lip Nose Patient	Prof. Islam Kassem
05:30PM– 05:45PM	How to Maximize Accuracy in Orthognathic Surgery with Virtual Planning	Prof. Mahmoud Fata
05:45PM – 06:00PM	Discussion	

Orthognathic Surgery and Virtual Planning II 06:00PM – 07:15PM

CHIARPERSONS: Prof. **Ahmed Gaber Hassanein**,
Prof. **Ahmed Temerk**

TIME	LECTURE	SPEAKER
06:00PM – 06:15PM	Total TMJ Replacement- Is Virtual Planning Helpful	Prof. Mohamed Hasan Osman
06:15PM – 06:45PM	. Introduction Of Digital Healthcare and its Role in Enhancing Maxillofacial Surgery Outcome in Japan. . Application of VR\AR and Metaverse in Medical Education and Improving Quality of Maxillofacial Surgical Practice.	Prof. Daisuke Tomita Prof. Mohamed Abdelhakim
06:45PM – 07:00PM	Virtual Surgical Planning in Craniomaxillofacial Reconstruction	Prof. Hatem El-Shazly
07:00PM – 07:15PM	Digital Planning for Rhinoplasty	Prof. Islam Kassem

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AGENDA

WORKSHOPS

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WORKSHOPS

01	GUMMY SMILEROADMAP	Prof. Islam Kassem	2 MARCH, 2024
02	MANAGEMENT OF OROANTRALCOMMUNICATION ANDOROANTRAL FISTULA	Prof. Ahmed Gaber Hassanein Dr. Mahmoud Sobhy Allam Dr. Hatem Adel Abo Elhassan	2 MARCH, 202
03	MAXILLOFACIAL TRAUMA	Prof. Ahmed Gaber Hassanein Dr. Mahmoud Sobhy Allam Dr. Hatem Adel Abo Elhassan	2 MARCH, 2024
04	SUTURING MATERIALSAND TECHNIQUES	Prof. Ahmed Gaber Hassanein Dr. Mahmoud Sobhy Allam Dr. Hatem Adel Abo Elhassan	2 MARCH, 2024
05	MASTERING IMPLANTOLOGY	Prof. Ahmed A. Shaaban Asst. Prof. Ali Fahd	29 FEBRUARY, 2024
06	COMPLETE SURGICAL-GUIDES COURSE USING BLUSKY SOFTWARE	Dr. Mahmoud Fata	2 MARCH, 2024
07	CLEFT SIMULARE	Prof. Mamdouh Aboul-hassan Dr. G. Reddy	1 MARCH, 2024
08	HANDS-ON VR WORKSHOP	Dr. Daisuke Tomita, DDS Dr. Mohamed Abdelhakim, MD., PhD.	1 MARCH, 2024

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GUMMY SMILEROADMAP

2 MARCH, 2024



SPEAKER

PROF.
ISLAM KASSEM

This is one day workshop including diagnosis and treatment of gummy smile using different modalities

INTENDED LEARNING OBJECTIVES

- Evaluate gummy smile
- understand dynamic facial anatomy
- understand using of neurotoxin in hyperactive lip

AGENDA

- Dynamic facial anatomy
- Gummy smile etiology
- Neurotoxin for gummy smile
- Laser for gummy smile
- Lunch break
- Live demo
- Hands on

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MANAGEMENT OF ORO ANTRAL COMMUNICATION AND OR ANTRAL FISTULA

2 MARCH, 2024

SPEAKERS



PROF.
AHMED
GABER HASSANEIN



DR.
MAHMOUD
SOBHY ALLAM



DR.
HATEM ADEL
ABO ELHASSAN

THIS COURSE IS SPECIFICALLY DESIGNED FOR:

- General dentists and Surgeons involved in the treatment Oroantral Communication and oroantral fistula.
- Fully qualified dental and medical specialists in oral and maxillofacial surgery and related disciplines.
- dental Specialists in all stages of their careers

LEARNING WILL BE DELIVERED THROUGH

- Comprehensive didactic lectures
- Interactive, clinical case-based small group discussions
- Hands-on practical lab exercises utilizing animal models with a 5:1 participant-to-faculty ratio.
- More interaction between participants and expert faculty
- Panel discussions
- Follow-up assessment questions, to ensure that your educational gaps have been met.

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MANAGEMENT OF ORO ANTRAL COMMUNICATION AND OR ANTRAL FISTULA

2 MARCH, 2024

THE TOPICS OF THE WORKSHOP WILL COVER:

- Definition and types of Oroantral Communication and oroantral fistula
- Etiology of Oroantral Communication and oroantral fistula Clinical picture of Oroantral Communication and oroantral fistula
- Symptoms: Fresh Oroantral Communication
- Symptoms of Established Oroantral Fistula
- signs of recent communication
- signs of established oroantral fistula.

DIAGNOSTIC INVESTIGATIONS MANAGEMENT OF OROANTRAL COMMUNICATION AND OROANTRAL FISTULA

- Purpose
- Treatment of Early Cases
- Treatment of Delayed Cases
- Surgical Procedures Used in Closure of Oroantral Fistula
- Buccal Flap Advancement Operation
- Modified Rehrmann's Buccal Advancement Flap
- Ashley's Operation (palatal mucoperiosteal flap)
- Combination of Buccal and Palatal Flaps
- Caldwell-Luc Operation

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MAXILLOFACIAL TRAUMA

2 MARCH, 2024

SPEAKERS



PROF.
AHMED GABER HASSANEIN



DR.
MAHMOUD SOBHY ALLAM



DR.
HATEM ADEL ABO ELHASSAN

LEARNING WILL BE DELIVERED THROUGH:

- Comprehensive didactic lectures
- Interactive, clinical case-based small group discussions
- Hands-on practical lab exercises utilizing animal models with a 5:1 participant-to-faculty ratio.
- More interaction between participants and expert faculty
- Panel discussions
- Follow-up assessment questions, to ensure that your educational gaps have been met

OBJECTIVES OF THE WORKSHOP

This workshop, the candidate will have the skills and abilities to:

- Know the etiology of maxillofacial trauma.
- Diagnose maxillofacial fractures through history, physical examination, and diagnostic investigations.
- Formulate a treatment plan (operative and non-operative).
- Perform the specific treatment for variable types of facial fractures
- Modify the treatment plan when necessary.
- Manage patient follow-up.
- dentify and manage complications of maxillofacial fractures.

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MAXILLOFACIAL TRAUMA

2 MARCH, 2024

THE TOPICS THAT WILL BE COVERED:

- Mandibular trauma
- Mandibular fractures
- Management of mandibular fractures
- Condylar fractures
- mandibular fractures in pediatric patients
- mandibular fractures in edentulous patients

MID AND UPPER FACIAL TRAUMA

- Maxillary fractures
- Zyogmatic fractures
- Nasal fractures
- Naso-orbito-ethmoidal fractures
- Frontal sinus fractures
- Sequencing panfacial fractures.

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SUTURING MATERIALS AND TECHNIQUES

2 MARCH, 2024

SPEAKERS



PROF.
AHMED
GABER HASSANEIN



DR.
MAHMOUD
SOBHY ALLAM



DR.
HATEM ADEL
ABO ELHASSAN

OBJECTIVES OF THE WORKSHOP:

By the end of this workshop, the candidate will have the skills and abilities to:

- Know the different types of suturing materials and principles of Suture Material Selection
- Know types and parts suture needles and when to use each type
- Know different types of suturing material and how to select the appropriate type to use.
- Know Principles of Suturing, Suturing Techniques, and Mechanical Wound Closure Devices
- Perform surgical knot tying, interrupted suture-sling suture, continuous over and over suture, continuous locking suture, and mattress sutures
- Utilize ligating clips, surgical staples, and tissue adhesives

THE TOPICS THAT WILL BE COVERED

I.SUTURING MATERIALS:

- Classification of suturing materials
- Requisites for Suture Materials
- Principles of Suture Material Selection
- Biological Response of the Body to Suture Materials
- Suture Needles

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SUTURING MATERIALS AND TECHNIQUES

2 MARCH, 2024

TYPES OF SURGICAL NEEDLES:

Parts of surgical needle:

- Non-Absorbable Sutures
- Natural Absorbable Sutures
- Synthetic Absorbable Sutures
- Coated Vicryl - Polyglactin 910 Braided Suture Material

II.SUTURING TECHNIQUES

- Principles of Suturing
- Surgical Knot Tying
- Suturing Techniques
  - Interrupted Suture-Sling Suture
  - Continuous Over and Over Suture
  - Continuous Locking Suture
  - Mattress Sutures

- Mechanical Wound Closure Devices
  - Ligating Clips
  - Surgical Staples
  - Tissue Adhesives

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MASTERING IMPLANTOLOGY

29 FEBRUARY, 2024

SPEAKERS



PROF.
AHMED
A. SHAABAN



ASST. PROF.
ALI
FAHD

COURSE OVERVIEW:

- The basic implantology course is designed for all dentists who have limited or no experience with dental implants.
- Through lectures, demonstrations, and hands-on content, clinicians will learn the theoretical basics and practical procedures for simple implant placement and restoration.

COURSE OBJECTIVES

Upon successful completion of the basic implantology course, the participants will be able to

- Determine clinical scenarios and appropriate candidates for simple implant treatment.
- Develop a dental implant treatment plan.
- Prepare the surgical site for the placement of an implant.
- Select and place the optimal implant type for the surgical site.
- Select the correct prosthetic components for implant restoration.
- Take an impressions for an implant-supported prosthesis.

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MASTERING IMPLANTOLOGY

29 FEBRUARY, 2024

COURSE CURRICULUM:

- Implant planning and case evaluation - Lectures and Hands-on workshops
- Surgical protocols and techniques
- Background of implantology and anatomical considerations
- Radiographic investigation and interpretation - Lectures and Hands-on workshops
- Implant criteria and case selection
- implant insertion - Hands-on practical exercise on models - Lectures and Hands-on workshops
- digital prosthodontics
- Implant restorations
- Abutment types and their selection
- Choice of proper implant prosthesis
- Impression techniques
- hands on patients and clinical cases

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COMPLETE SURGICAL-GUIDES COURSE USING BLUSKY SOFTWARE

2 MARCH, 2024



SPEAKER

DR.
MAHMOUD FATA

Get ready to learn Surgical-guides with BlueSky software.
Get to know all of the software capabilities during this in-depth hands-on course:

PROSTHETIC DRIVEN IMPLANT PLACEMENT PRINCIPLES
(how to place an implant in an accurate 3d position)

- MASTERING CBC reading and understanding the CBCT cuts
- Types of surgical guide kits
- Requirements for fabrication of an accurate surgical guide:
  *For bone-supported surgical guide
  *For mucosa-supported surgical guide
  *For teeth-supported surgical guide

THE ROLE OF THE INTRAORAL SCANNER IN THE SURGICAL GUIDE SURGICAL GUIDE STEP BY STEP:

- Preparation of the model scan of the intraoral scanner
- How to extract Dicom files from CBCT
- Implant planning and designing of the surgical guide using BlueSky bio plan software
- Preparation of the surgical guide design for proper 3d printing
- 3d printer adjustment
- Selection of a proper risen
- Finishing and evaluation of the surgical guide before embarking on surgery
- Instructions and drilling protocols
- Surgical guides seating and methods of guide fixation
- Intraoral surgical guide evaluation

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CLEFT SIMULARE

1 MARCH, 2024

SPEAKERS



PROF.
MAMDOUH
ABOUL-HASSAN



ASST. PROF.
G. REDDY

CLEFT PALATE COURSE :

This course is one of kind with simulare cleft palate model.this life size actual oral dimensions and oral opening will give the actual experience of live surgery.the candidates will be able to cultures and design and suture simulating actual surgery . Detailed information about the deformity and how to correct . We promise an amazing course and interactive discussion from Cleft experts .

CLEFT LIP COURSE

This course is designed for bignners and those in the middle of their practice to learn and master primary cleft lip repair. Detailed information about the deformity and how to correct it.Marking of the anatomical points and the design of the cuts will be shown and tried on silicone life size models .We promise an amazing course and interactive discussion from Cleft experts

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HANDS-ON VR WORKSHOP

1 MARCH, 2024

SPEAKERS



DR.
DAISUKE
TOMITA, DDS



DR.
MOHAMED
ABDELHAKIM,
MD., PHD.

LEARNING OBJECTIVES:

1. Understanding Digital Healthcare in Japan:
   - Define and comprehend the concept of digital healthcare.
   - Explore the role of digital healthcare in enhancing medical services in Japan.
2. Exploring VR/AR and Metaverse in Medical Education in Maxillofacial Surgery:
   - Examine the application of Virtual Reality (VR) and Augmented Reality (AR) in medical education.
   - Understand how the Metaverse contributes to improving the quality of education and surgical practice.
3. Hands-On Experience with VR Technology:
   - Familiarize with the Meta-Quest and HoloLens 2 VR/AR sets.
   - Learn how specialized software enhances the immersion experience in the medical field.

AGENDA:

1. Introduction
   - Welcome and registration.
   - Overview of the workshop's objectives.
2. Digital Healthcare in Japan
   - Lecture on the concept of digital healthcare.
   - Case studies showcasing the impact of digital healthcare on medical services in Japan.
   - Q&A session.
3. VR/AR and Metaverse in Medical Education
   - Presentation on the application of VR and AR in medical education.
   - Discussion on the role of the Metaverse in improving education and surgical practice.
   - Demonstrations of successful implementations.
4. Break and Networking
   - Refreshments and an opportunity for participants to network.
5. Hands-On Experience with VR Technology
   - Introduction to Meta-Quest and HoloLens 2 sets.
   - Practical sessions with specialized software to experience immersion in virtual reality in the medical field.
   - Troubleshooting and Q&A.
6. Closing Remarks and Future Perspectives :
   - Recap of key takeaways.
   - Discussion on the future prospects and advancements in medical education and digital healthcare.

This agenda aims to provide a comprehensive overview of digital healthcare in Japan, the application of VR/AR and the Metaverse in medical education, and hands-on experience with cutting-edge VR technology. Participants will leave with a deeper understanding of these technologies and their potential impact on the medical field.

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PROJECT MANAGER

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20 YEARS OF EXCELLENCE

ALEXANDRIA LUXOR DELTA ASYUT DUBAI

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