

AUTUMN MEETING

BV-MKA-HH



17 & 18 NOVEMBER 2023

Thor Central Genk

REALITIES IN OMFS: AUGMENTED-VIRTUAL-FAKE-FUTURE

Friday 17 November 2023

10h00

WELCOME

10h30

Radioprotectie

KEYNOTE: Reinhilde Jacobs

OMFS IMPATH research group, Department of Imaging & Pathology, Faculty of Medicine, KU Leuven & Oral and Maxillofacial Surgery, University Hospitals Leuven, Leuven

12h00-13h30 LUNCH

13h30

Prof. Dr. C. Politis

14h00

Legal framework for in-house 3D printing in Oral and Maxillofacial Surgery

KEYNOTE: An Vijverman, lawyer-partner
Dewallens & partners

14h30

A novel CNN-LSTM network with spatial relationship mapping as a screening tool for inflammatory periapical lesions on panoramic imaging

Jonas Ver Berne

14h40

A deep learning approach for detection and classification of radicular cysts and periapical granulomas on panoramic images

Jonas Ver Berne

14h50

Missed head and neck cancer tibial metastasis at FDG PET-CT: case report and systematic review.

Noémie Vanden Haute

15h00

Management realisme

KEYNOTE: Prof. Dr. Jan Rosier

15h30

COFFEE

16h00

Chasing the final diagnosis in jaw pathology

KEYNOTE: dr. Uta Flucke

16h30

The role of virtual imaging trials to study future applications of CT and CBCT imaging in dento-maxillofacial radiology

Karen Merken

16h40

Accuracy of augmented reality, virtual reality and surgical navigation for patient-specific reconstructions in orbital fractures

Maarten Verbist

16h50

Full Virtual Workflow for Immediate Prosthodontic Rehabilitation in Free Flap Maxillomandibular Reconstruction: a Single-Center Cohort Series

Alexander De Moor

17h00

In-house manufacturing in Oral and Maxillofacial Surgery, present state and impact of the Medical Device Regulation

Aaron De Poortere

17h10

Clinical application of preoperative trauma planning with Mixed Reality for orbital reconstructions with patient-specific implants

Kathia Dubron

17h20

The Use of Patient Specific Implants with Condylar Head Preservation following Resection of Tumors in the Mandible

Joris Geusens

17h30

From automated orbit reconstruction to patient specific implant design

Yi Sun

17h40

DISCUSSION and closing remarks

18h00

RECEPTION

19h30

DINER

REALITIES IN OMFS: AUGMENTED-VIRTUAL-FAKE-FUTURE

Saturday 18 November 2023

8h45

WELCOME

09h00

STATIK: voorstelling nieuwe website

09h20

Revolutionizing Healthcare: Navigating the Future Landscape of Innovative Technologies
KEYNOTE: Isabelle François

09h40

When an image says more ...
Jan Van de Perre

09h50

Dynamic navigation in implantology using X-guide: Guiding the future or navigating complexity?
Jeroen Meewis

10h00

From Augmented Reality to Real Clinical Success: Calvarial Bone Grafts for Immediate Full-Arch Rehabilitation in OMFS
Aracelli Diez-Fraile

10h10

3D volumetric microscopy study of vascularization of maxillary bone grafts through tissue clearing techniques
Melissa Zalane

10h20

Administratief: HH ONCO

10h30

COFFEE

11h00

Future workforce estimates in OMFS: the difficulties of planning
KEYNOTE: Prof. Dr. Brigitte Velkeneers (UZBrussel)

11h20

The use of Augmented Reality in Autologous Auricular Reconstruction
Herman Jr. Vercruysse

11h40

Creating bone tissue with periosteum-derived cells
Lisanne Groeneveldt

11h50

The future of health care and its impact on OMFS
KEYNOTE: Prof. Dr. Koen Kas (UG en Healthskouts)

12h30

Administratief: BV-MKA-HH

12h40

LUNCH

13h40

Ethics and AI
KEYNOTE: Prof. Dr. Lode Lauwaert (KULeuven)

14h00

An update on the 3D-modelled dento-portal distractor: what are the benefits for surgeons and orthodontists?
Martin Jaumotte

14h10

Comparing accuracy and comprehensiveness of ChatGPT, Bard, and OMFS residents in orthognathic surgery
Xander Jackers

14h20

Comparison of the different evaluation methods of orthognathic surgery outcome versus planning
Eman Shaheen

14h30

The BoneScalpel ultrasonic osteotome: A future must-have for osteotomies
Florence Pepinster

14h40

Automatic quantification of mandibular and facial shape: next-gen phenotyping
Pieter-Jan Verhelst

14h50

Administratief: EACMFS + EBOMFS

15h00

COFFEE

15h20

Extended Realities- the next giant leap for Healthcare!?
KEYNOTE: Linda Westernhagen, PhD

15h40

Facing a new reality: significant increase in necrotising fasciitis in the post-covid era?
Oliver Da Costa Senior

15h50

Case report: external ear canal fistula and Pseudomonas aeruginosa causing late prosthetic joint infection
Maxime Le Clercq

16h00

Why do we irradiate a free flap shortly after an oncologic reconstruction?
Maximilaan Smeets

16h10

Future Reality in Maxillofacial Reconstruction: The Synthetic Free Flap
Camille Partoune

16h20

Horizontal ridge augmentation using guided bone regeneration combining particulate allograft mixed with platelet-rich fibrin, collagen membrane and tent-screws: a prospective study
Keddar Mehdi

16h30

Administratief: IAOMS

16h40

Importance-performance analysis of quality indicators in head and neck oncology
Tomas-Marijn Croonenberghs

16h50

Performance evaluation of ChatGPT for diagnosis and differential diagnosis in Oral and Maxillofacial Surgery emergencies
Melissa Peters

17h00

Quality indicators and the evolution of 3D technologies in dental implantology
Laurence Verstraete

17h10

Outpatient diagnosis of OSAHS: a new standard
Charlotte Bodet

17h20

DISCUSSION and closing remarks