PROGRAM

Thursday, June 19

10.00 WORKSHOP 1:
Surgical precision and success by Dr. Matthias Ureel

14.00 WORKSHOP 2:
Prosthetic perfection and success by Mr. Maarten de Jong

18.00 Welcome reception

Friday, June 20

09.30 Welcome

Keynote speaker: Prof. dr. dr. P. Kessler:
The nose – a challenge in facial reconstruction
Mrs. Caro Verbeek:
On the nose – on changing beauty ideals
Dr. Kilian Kreuzer and Mrs. Yvonne Motzkus:
Anaplastological and surgical challenges in nasal prostheses with special consideration of midface defects
Dr. Patrick Hémar, Dr. Thibault Dedier and Mrs. Anne-Marie Riedinger:
The benefits of perioperative prostheses in nasal reconstructions
Dr. Nathalie Vosselman:
Guided implant techniques for nasal prostheses: 3D planning and prosthetic-driven workflow
Dr. Luciano Dib and Prof. Dr. Rodrigo E. Salazar Gamarra:
The +ID workflow for nasal epithesis planning and execution
Dr. Nicole Kellener-Smeets:
Skin cancer around the nose

16.30 End of Lectures – Day 1

19.00 Diner Pensant including 2 Presentations

CRANIOFACIAL RECONSTRUCTIONS
PART 1: THE NOSE

Saturday, June 21

09.30 Welcome

Tjitske Bannink:
From art to algorithm: advancing nasal prosthesis design with statistical shape modeling
Mr. Juan Carlos Garcia:
Nasal prosthetic rehabilitation: the Johns Hopkins experience and future directions
Dr. Mark Fisher:
Overcoming difficult nasal reconstructive challenges from burn and blast injuries
Mrs. Gillian Duncan:
The nose knows – the artistic & technical engineering of nasal epitheses
Dr. Yurri Chepurnyi and Dr. Dmytro Filonenko:
Combat-related injuries of the midface: lessons from war
Prof. Thomas Maal:
3D technology in healthcare: advances in facial reconstruction
Dr. Paul Stefan Mauz and Mrs Dorothee Siekmann (MD):
The Tübingen concept including fast track
Dr. Mathias Ureel and Mr. Maarten de Jong:
Beyond the traditional "Anaplastology without boundaries"

15.30 End of conference

CRANIOFACIAL RECONSTRUCTIONS
PART 1: THE NOSE

DAY 1

Workshops

Thursday, June 19

DR. MATTHIAS UREEL

University Hospital Ghent

WORKSHOP 1: SURGICAL PRECISION AND SUCCESS

A theoretical, practical, and hands-on workshop covering a broad range of craniofacial applications (ear, nose, and eye region). Topics include surgical planning, implantology, soft tissue management, and postoperative care. The session allows for case-based discussions, featuring best-practice examples and practical tips & tricks.

Dr. Matthias Ureel is an Oral and Maxillofacial Surgeon at the University Hospital Ghent (Belgium), specializing in reconstructive and aesthetic surgery, with a particular focus on head and neck reconstructions and interventions.

MR. MAARTEN DE JONG

University Hospital Maastricht

WORKSHOP 2: PROSTHETIC PERFECTION AND SUCCESS

A practical and theoretical, case-based workshop covering nasal prostheses. This session offers direct insights into prosthetic planning, workflows, and valuable tips & tricks to achieve the best possible outcome for your patient's prosthesis.

Mr. De Jong treats patients throughout the Netherlands and Belgium. He has gained extensive expertise and is internationally recognized for his numerous lectures and expert contributions.

DAY 2

Conference

Friday, June 20

Prof. dr. dr. P.A.W.H. Kessler; MD DSS
Oral and Maxillofacial surgeon, head and neck oncologist | Head of department, Maastricht UMC+

The nose – a challenge in facial reconstruction
Since the first procedures for facial aesthetic surgery, the nose has always been at the center of reconstructive surgery. In addition to the general interest in the nose itself, reconstructive surgery offers many solutions, but its limits are also quickly reached. Recognizing the limits is part of the fine art of facial reconstructive surgery.

Since 2007 Prof. Dr. Dr. Kessler has been working as Head of the Department of Cranio-Maxillofacial Surgery at Maastricht UMC+. This department deals with all care for patients with mouth, jaw or facial diseases; from disease prevention to reconstruction and functional recovery. Before transferring to Maastricht UMC+, he worked for several years at the Friedrich-Alexander-Universität Erlangen-Nürnberg in Germany. There he qualified as Oral and Maxillofacial surgeon in 1999 and as a plastic surgeon in 2003. His special areas of devotion are: Head and neck oncology, oral pathology, microsurgery, orthognathic surgery, cleft lip and palate treatment, aesthetic surgery and dental implantology. Research and, above all, teaching are not only obligations in his academic role, but also determine his everyday life.

CRANIOFACIAL RECONSTRUCTIONS PART 1: THE NOSE

DAY 2

Conference

Friday, June 20

Dr. Caro Verbeek
Assistant Professor, Faculty of Humanities, Art and Culture, History, Antiquity. Curator at Kunstmuseum Den Haag/ Assistant professor sensory history Vrije Universiteit/ author at Atlas Contact/ Tedx-speaker, Amsterdam

On the nose – on changing beauty ideals

We seem to have very fixed standards for beauty – especially for women – when it comes to noses. Currently they should have a hollow bridge and upturned nasal tip, but most of all they shouldn't be too big in size but rather petite. But this wasn't always the case and seems to have emerged only at the beginning of the 20th century. Up until the 19th century many portrayed noses were exaggerated in size and shape. This has to do with the lost pseudo-science of 'physiognomy' and more specifically 'nasology'. Many people believed that the shape and size of the nose were an expression of character and talent following the adagium 'the bigger the better'. Cleopatra's famous nose wasn't fashioned after her actual features, but simply reflected the nose of a leader with political insight. And Darwin almost wasn't allowed access to the Beagle because the captain didn't think his nose expressed enough perseverance. Through historical examples and storylines the audience will learn more about what the 'ideal' nose looked like in the past and most of all, what certain shapes meant. They might never look at noses in the same way again.

Dr. Caro Verbeek is an art historian, author and maker specialized in the senses, combining curatorship and an academic career. She is known for her embodied and out-of-the-box approaches and is often referred to by others as an 'artistic scholar'.
She was formerly affiliated as a researcher and curator to the Rijksmuseum and the Stedelijk Museum Amsterdam and now works for Kunstmuseum Den Haag.
Verbeek is an education innovator both in museums, art academies and universities, having developed several hands-on, nose-on courses including 'The Other Senses' (KABK), 'The Multisensory Gaze (Rijksmuseum), 'Knowing by Sensing' (VU) and 'Big Questions in the Senses'. Over the past twenty years she has reconstructed numerous historical scents together with perfumers, such as the battle of Waterloo (with IFF) and the embalming of William of Orange. She contributed to the pan-European project Odeuropa on European smell heritage. In her 'spare time' she is also an assistant professor of sensory history and skills at Vrije Universiteit Amsterdam. And finally, she authored 'On the Nose- A Brief Cultural History' which was translated to several languages including Italian, Japanese and Mandarin.

DAY 2

Conference

Friday, June 20

Dr. med. Dr. med. dent. Killian Kreuzer
Deputy Head of the Department of Oral and Maxillofacial Surgery, Charité - Universitätsmedizin Berlin

Anaplastological and surgical challenges in nasal prostheses with special consideration of midface defects

Autologous reconstruction of the nose is one of the earliest descriptions of facial plastic and reconstructive surgery. Despite all medical advances, epithetic reconstruction remains a viable treatment alternative for a variety of indications and patient groups.

When epithetically shaping a patient's nose, it is not only important to achieve a lifelike but also a functional replica of the body replacement part. In addition, the patient's habitus of laughing, frowning or raising the eyebrows must be taken into account for the movements at the transition from the cheek to the epithesis.

In addition to the selection of the correct anchoring system, factors such as the quality of bone and soft tissue, the consequences of radiation and compliance must be taken into account from the outset during surgical planning. Extensive bone defects of the midface require very patient-specific solutions in this context.

Several patient examples will be presented who have undergone different epithetic treatments over a long period of time. The surgical preparation of the defect area, the choice of anchoring method and the extension and design of the epithesis will be discussed. The interdisciplinary lecture reflects the close communication that is required when treating these patients.

Dr. med. Dr. med. dent. Killian Kreuzer is a distinguished specialist in oral and maxillofacial surgery. From 2008 to 2014, he completed his specialization at the Department of Oral and Maxillofacial Surgery at the Klinikum rechts der Isar of the Technical University of Munich. In 2013, he obtained his board certification in oral and maxillofacial surgery.

In 2016, Dr. Kreuzer further expanded his expertise by acquiring an additional qualification in plastic and reconstructive head and neck surgery. That same year, he was admitted as a Fellow of the European Board of Oro-Maxillo-Facial Surgery (FEBOMFS), underscoring his international recognition in the field.
Since January 2022, Dr. Kreuzer has served as the Vice Head of the Department of Oral and Maxillofacial Surgery at Charité – Universitätsmedizin Berlin, one of Europe's leading university hospitals.

DAY 2

Conference

Friday, June 20

Joint presentation with Dr. med. Dr. med. dent. Killian Kreuzer

Yvonne Motzkus
Anaplastologist

Yvonne Motzkus has been working as an anaplastologist since 1990. Since 2004, she has been working together with Kerstin Menzel in an epithetics practice group, the Berlin Center for Artificial Facial Parts / BZkG.

She is a founding member and vice president of the German Federal Association of Epithetics. (DBVE)

Together with the Oral and Maxillofacial Surgery Department of the Charité Campus Virchow-Klinikum, she has been involved in several research projects. These included the development of an active (=mobile) ocular epithesis. Together with the University of Antwerp, she has conducted research into the acceptance and design of a “designed epithesis”.

Dr. Nathalie Vosselman, DDS, PhD
Consultant in Maxillofacial Prosthodontics, Department of Oral and Maxillofacial Surgery, University Medical Center Groningen, the Netherlands

Guided implant techniques for nasal prostheses: 3D planning and prosthetic-driven workflow

Implant-retained nasal prostheses are generally preferred over adhesive-retained alternatives, especially in patients with altered anatomy or compromised skin condition following surgery or radiotherapy. Adhesive prostheses often pose challenges such as daily application difficulties, skin irritation, reduced retention, and limited durability. In contrast, implant-retained prostheses offer significantly improved stability, retention, and patient comfort. They also allow for more precise and repeatable positioning, contributing to better functional outcomes and enhanced quality of life. Accurate implant placement is critical from both a surgical and prosthetic perspective, particularly in patients requiring postoperative radiotherapy following nasal amputation. Since radiotherapy significantly limits the optimal time frame for implantation, precision is essential to enhance osseointegration and ensure long-term prosthetic success. Guided techniques play a key role in achieving optimal implant placement by integrating factors such as bone volume, implant angulation, and distribution, while simultaneously addressing prosthetic requirements. In cases of insufficient bone volume, conventional endosseous implants may not be feasible. Here, the guided placement of zygomatic implants becomes a valuable alternative. This presentation will explore advanced 3D planning strategies and guided implant techniques, with a focus on prosthetic-driven workflows. Special attention will be given to optimizing outcomes in complex clinical scenarios.

Dr. Nathalie Vosselman is Head of the Center for Special Dental Care at the department of Oral and Maxillofacial Surgery of the University Medical Center Groningen, UMCG. She leads specialized dental services for patients with complex oral health needs including the section of Maxillofacial Prosthodontics. In her role as a Maxillofacial Prosthodontist at the UMCG Head and Neck Center, she works closely with colleagues in Head and Neck Surgery, Plastic and Reconstructive Surgery, and Radiation Oncology. She is an active collaborator in multiple research projects within the Department of Oral and Maxillofacial Surgery. Her PhD research centered on 3D workflows in prosthetic rehabilitation, improving outcomes for Head and Neck oncology patients through innovative, technology-driven approaches.

DAY 2

Conference

Friday, June 20

Dr. Patrick Hémar
Head- and Necksurgeon, Hospitaux Universitaires de Strasbourg.

Dr. Thibault Dedieu
Senior Resident ORL-HNS, Hospitaux Universitaires de Strasbourg.

Anne-Marie Riedinger
Anaplastologoist, Centre d'Epithèses Faciales, Strasbourg and Paris.

The benefits of perioperative prostheses in nasal reconstructions

A joint presentation by Dr. Patrick Hémar, Dr. Thibault Dedieu and Anne-Marie Riedinger.

For nearly 40 years, hundreds of our patients have benefited from facial reconstruction. The use of retention methods through bone anchoring has fostered a close collaboration between anaplastologists and surgical teams.

Thus, tumor resection surgery and the placement of bone-anchored implants are performed in the same surgical session, and a one-stage reconstruction system using perioperative prosthesis has been developed. This allows for immediate reconstruction up until the delivery of the definitive bone-anchored prosthesis. We have kept pace with technical, medical, and technological advancements, and thanks to feedback from our patients, we have made numerous improvements to prosthetic nasal reconstruction since our first cases. The medical aspects will be addressed by the surgeons, while the anaplastologist will discuss the artistic and technical challenges.

Anne-Marie Riedinger, CCA, former President of the IAA (2009-2011), graduated in Medical Art from the Haute Ecole des Arts du Rhin (former ESADS) in Strasbourg, France, where she eventually became a teacher (1996-2000).She specialized in facial prosthetics at the University of Illinois, Chicago, USA. A pioneer in France for facial bone anchored prostheses since 1986, she is the owner of the Centre d'Epitheses Faciales in Strasbourg and Paris, France.She is an international consultant for bone anchored surgery, and has given lectures, workshops and has written a number of articles in the field, for national and international journals. Her areas of interest are bone anchored prostheses, research, teaching and transmitting skills and knowledge.

DAY 2

Conference

Friday, June 20

Dr. Luciano Dib
Oral surgeon, Ph.D., UNIP - Universidade Paulista | Ensino Presencial e a Distância en Presidente Instituto Mais Identidade, Sao Paolo, Brazil

The +ID workflow for nasal epithesis planning and execution

This lecture outlines a streamlined, patient-centered approach for nasal epithesis, integrating digital design, precise surgical protocols for tumor resection, implant placement, and prosthetic finalization. The +ID Institute's multidisciplinary team emphasizes virtual surgery planning guided by functional prosthetic requirements, ensuring personalized treatment aligned with oncological objectives and social rehabilitation. Osseointegration techniques for craniofacial implants highlight stable anchorage, minimized complications, and reliable clinical outcomes. The workflow concludes with laboratory and clinical processes for crafting nasal prostheses, merging digital tools with traditional techniques. By combining cutting-edge technology and evidencebased practice, the +ID framework advances maxillofacial rehabilitation and reinforces patient quality of life

Prof Dr. Luciano Lauria Dib DDS. MSc, Ph.D. is a leading specialist in Oral and Maxillofacial Surgery and Oral Pathology, renowned for his pioneering work in oral oncology and advanced implant-based maxillofacial rehabilitation. His focus on innovative approaches to oral cancer prevention and multidisciplinary treatments has helped countless patients achieve better outcomes and long-term care. He is President of the Plus Identity Institute (+ID), a nonprofit that uses digital workflows to rehabilitate low-income individuals with facial cancer sequelae. Over the course of three decades in clinical practice, he led the Stomatology Department at A.C. Camargo for nearly twenty years, spearheading state-of-the-art protocols for early diagnosis, integrated care, and reconstructive therapies. Dr. Dib also served as a Visiting Researcher at the University of Gothenburg (Sweden), contributing to landmark studies on osseointegration. In addition, he is a Professor of Stomatology at Universidade Paulista (UNIP) and heads its Center for Oral Cancer Prevention and Detection.Dr. Dib has been recognized both nationally and internationally, including a term as President of the Latin American Society for Maxillofacial Rehabilitation (rBMF). Through cutting-edge research, high-impact publications, and dedicated mentorship, he continues to transform oral healthcare and raise the standard of excellence in his field.

DAY 2

Conference

Friday, June 20

Joint presentation with Dr. Luciano Dib

Dr. Rodrigo Salazar-Gamarra
Ph.D. Maxillofacial Prosthodontics & Healthcare and technology innovation consultant
- Cofundador y director en e-Clinic / Oncodonto
- Cofundador y CEO M3D
- Cofundador do Rehabilite-me
- Vicepresidente de la Sociedad Latinoamericana de Rehabilitación Bucomaxilofacial 2018-2022
- Diretor na OSCIP "Instituto Mais Identidade", Peru

Prof. Dr. Rodrigo Salazar-Gamarra DDS. MSc, Ph.D is a consultant in technological innovation for healthcare and education, recognized as a 2018 Humanitarian Innovator for Latin America by MIT Technology Review. He earned this accolade for his impactful research around the +ID Methodology, as he leads the R&D of the Plus Identity Institute (+ID) in São Paulo, Brazil.In addition to serving as a volunteer researcher at the Renato Archer Institute's Technological Center (CTI), part of the Brazilian Ministry of Science, Technology, and Innovation, Dr. Salazar-Gamarra has held several leadership roles in professional associations. He was Past President of the International Association of Anaplastology (IAA) from 2020 to 2021 and currently serves as Vice President of the Latin American Society of Maxillofacial Rehabilitation (rBMF) for the 2018–2026 term.His accomplishments have garnered multiple honors, including "Honorary Member 2020" by the Mexican College of Maxillofacial Prosthesis and the "Honor of Merit" from the Legislative Assembly of the State of Paraná in recognition of his research on decontamination agents during COVID-19.Dr. Salazar-Gamarra is a Research Professor at Universidad Científica del Sur in Peru, a Professor in the Postgraduate School of Universidad Peruana Cayetano Heredia, and a Professor in the Digital Dentistry Course at Universidad Peruana de Ciencias Aplicadas (UPC). He is also the cofounder and CEO of M3D, a social enterprise specializing in virtual planning and medical 3D printing in Peru, as well as the co-founder of e-Clinic in Peru and Rehabilite-me in Brazil.

DAY 2

Conference

Friday, June 20

Skin cancer around the nose

Skin cancer incidence is growing very fast and many doctors are faced with skin cancer patients. In this lecture Nicole Kelleners-Smeets will discuss the clinics, diagnostics and therapy of the most common skin cancers. Furthermore, she will also present some less common but aggressive tumours that need a multidisciplinary approach.

Dr. Nicole Kellener-Smeets
Associate professor | Dermatologist, MUMC+

Dr. Nicole Kelleners-Smeets has been working as a dermatologist at the Maastricht University Medical Centre since 2006. She specialised in treatment of skin cancer patients and is a member of the multidisciplinary skin cancer team of the Comprehensive Cancer Centre of the MUMC+.

Her PhD research focused on the indications for Mohs surgery for high-risk BCCs in the face. The randomized clinical trial was published in The Lancet. As a supervisor and co-supervisor also non-invasive treatments for non-melanoma skin cancer were studied. Nicole is a board member of the European Association for Dermato-Oncology and contributes to various European skin cancer guidelines.

Tjitske Bannink
Technical Physician || PhD Student, Antoni van Leeuwenhoek Ziekenhuis, Amsterdam

From art to algorithm: advancing nasal prosthesis design with statistical shape modeling.

Traditional nasal prosthesis design strongly depends on the skill and expertise of the anaplastologist. An innovative, digital method for nasal prosthesis design using statistical shape modeling can reduce this dependency by automatically generating the missing nose statistically consistent with the patient's face. Feasibility studies underlined the potential of this methodology; however, satisfaction regarding the appearance of the resulting nasal shapes was not yet optimal. The morphable face model incorporated in the method plays an important role here. Aiming to achieve more defined and detailed nasal shapes, we developed our NCI Face Model by acquiring high-resolution face scans of a population representing the Netherlands Cancer Institute (NCI) patient population.

Tjitske Bannink is a technical physician and PhD candidate at the department of Head and Neck Oncology and Surgery of the Netherlands Cancer Institute. She earned a Master of Science degree in Technical Medicine from the University of Twente in September 2020. Her master thesis was titled 'Implementation of 3D Technologies in the Anaplastology Workflow'. In November 2020, she continued the research project as PhD student in the field of anaplastology. Prof. dr. Michiel van den Brekel is her promotor and dr. Maarten van Alphen and dr. Baris Karakullukçu are the copromotors.

Dr. Mark Fisher
Director, Johns Hopkins Burn Center, Associate Professor of Clinical Plastic and Reconstructive Surgery, Baltimore

Overcoming difficult nasal reconstructive challenges from burn and blast injuries

Due to a relatively high incidence of burns and gunshot injuries in the US, we have developed significant experience with reconstructive challenges in partial and total nasal loss in this population. These mechanisms create unique challenges in nasal reconstruction due to two main factors:

1. the sclerosis and contracture in surrounding surviving tissues
2. loss of local options due to wide surrounding injury that is common from blast and burn.

The combination of these two can produce nasal airway stenosis with limited local options. Through a series of cases we will review strategies in nasal reconstruction from local options through free tissue transfer as well as the benefits of alloplastic reconstruction with systems such as the AHEAD system.

Dr. Fisher is an associate professor of plastic surgery in the Johns Hopkins Department of Plastic Surgery. His areas of clinical expertise include burn surgery, burn reconstruction, craniofacial surgery, and reconstructive microsurgery.He serves as the Director of the Johns Hopkins Bayview Adult Burn Center.Committed to acute and reconstructive burn care of the highest quality, Dr. Fisher completed extensive training at multiple leading centers. These included a Burn Fellowship at the Shriners Hospital for Burns in Galveston, a Plastic Surgery Residency at Duke University, a Craniofacial Fellowship at the Hospital for Sick Children in Toronto, and a research fellowship at Harvard.Throughout his career Dr. Fisher has brought the full breadth and depth of his training to care for patients with the most complex injuries and deformities.From 2014 to 2022 he was on the faculty of the University of Iowa where he served in the burn unit, led the craniofacial team, and served the hand trauma team. Recognizing that complex injuries need coordinated care, he developed the Complex Face Group at Iowa to coordinate multiple specialty collaboration.

Juan Carlos Garcia
Certified Clinical Anaplastologist
Associate Professor
Director of MS Graduate Program in Clinical Anaplastology
Director of the JHM Facial, Eye & Body Prosthetics Clinic
Vice President-Elect, International Anaplastology Association, Johns Hopkins University, Baltimore

Nasal prosthetic rehabilitation: the Johns Hopkins experience and future directions

Since first starting to work clinically with patients in 1998, the author has seen many developments in his approach to working with patients in need of nasal prostheses. A combination of using conventional and 3D technology workflows (including medical imaging-based 3D reconstructions, 3D scanning, digital sculpting, and 3D printing), has improved planning for and executing the prosthetic treatment plan. Such an approach has led to increased speed, accuracy, and patient acceptance of a nasal prosthesis treatment option. A combined approach of pre-surgical planning using segmentation and 3D design software and the use of newer generation 3D printers with biocompatible/sterilizable materials offers the ability to design and print patient-specific surgical guides in-house for ease of placing implants for prosthetic retention. This presentation will also comment on perceived benefits to using the AHEAD implant system, based on the author's prior experience in working with multiple other implant systems

Mr. García is an Associate Professor in the department, with joint clinical appointments in the Departments of Otolaryngology Head & Neck Surgery and Plastic & Reconstructive Surgery. Since 1999, Mr. García has been involved in training future clinicians through the Supervised Training Program in Clinical Anaplastology.Since 2021 Mr. García currently serves as the Director the Facial, Eye & Body Prosthetics Clinic practice. Mr. García has a research interest in the use of advanced 3D technologies such as: digital sculpting, photogrammetry, laser scanning and various 3D printing technologies.Mr. García received his MA degree from the Johns Hopkins University School of Medicine and has completed extensive post-graduate clinical training. He has played a key role in developing professional standards for clinical anaplastologists worldwide, through his ongoing participation on the Board for Certification in Clinical Anaplastology (BCCA).Since 1998, he has been an active member of the International Anaplastology Association (IAA).

DAY 3

Conference

Saturday, June 21

Prof. Yurii Chepurnyi
Doctor of Medical Science and Professor of Maxillofacial Surgery at O.O. Bogomolets National Medical University, Kyiv. He leads the Department of Maxillofacial Surgery & Innovative Dentistry and practices at the Kyiv Regional Clinical Hospital's Head-and-Neck unit.

Combat-related injuries of the midface: lessons from war

- How the war changed the structure of facial injuries, compared to the peacetime.
- Challenges due to combat trauma to the midface.
- Combat related injuries of the face: is it aesthetic or functional problem? Or not a problem?
- Primary care of the nose injuries: do we correctly face the problem?
- Secondary nose reconstruction; when surgery is limited, anaplastology steers.
- Application of 3D technologies in anaplastology.

A 2006 dentistry graduate, he completed his maxillofacial residency at Bogomolets University in 2010. He earned his PhD in 2011 on mid-facial fractures and his DSc in 2021 on complex zygoma-orbital reconstruction. Author of 60+ peer-reviewed articles, he pioneered patient-specific PEEK and titanium implants for orbital and mandibular repair.

International fellowships in Brazil, France, Germany, Poland, and the USA honed his craniofacial reconstruction expertise. Research focuses on orbital reconstruction, war-related head-neck trauma, CAD/CAM surgery, TMJ replacement, and regenerative techniques. He heads projects advancing CT-based volumetrics and automated virtual planning for facial prosthetics. An active EACMFS and AO CMF member, he mentors surgeons across Europe and Ukraine. Driven by digital innovation, he restores form, function, and dignity for maxillofacial patients.

Joint presentation with Prof. Yurii Chepurnyi

Dr. Dmytro Filonenko
Assistant-professor of the Department of Maxillofacial Surgery and innovative dentistry of National medical university named after O.O. Bogomolets NMU Maxillo-facial prosthodontist, Head and Neck Pathology Center, Department of Maxillofacial Surgery, Kyiv Regional Clinical Hospital Member of International anaplastology association Member of association of specialists io oculoplastics and eye prosthetics

Education and professional pathway: 2001 – 2006 O.O. Bogomolets National Medical University, 2006 – 2008 Internship at department of maxilla-facial university of O.O. Bogomolets National Medical University. 2008 – 2019 private practice. 2019 – now maxillo-facial prosthodontist at Department of head and neck pathology, maxillo-facial unit of Kyiv Regional Clinical Hospital. 2021 –now Assistant professor at Department of maxillo-facial university Bogomolets National Medical University.

Conference

Saturday, June 21

Dr. Paul Stefan Mauz
Vice Chairman, Universtiy Hospital of Tuebingen, Department of ENT, H&N S, Universitätsklinikum Tübingen.

The Tübingen concept including fast track

In his lecture Paul-Stefan Mauz provides insights into implant systems used after nasal resections. Since 2023, he has performed over 100 AHEAD single implants, emphasizing the importance of collaboration with anaplastologists during surgeries. He also discusses conservative therapies for nasal tumors, such as immunotherapy, along with tips, tricks, and challenges associated with single implants.Core focus areas of our work are interim (fast track) and final facial prostheses. Adhesive-retained silicone prostheses are non-invasive solutions of attachment. When conditions permit invasive single and plate implant solutions are used for craniofacial anchorage (MDR conform single:AHEAD BioComp, plate: Medicon Epiplating). Patients undergoing radiotherapy require a special treatment with obturators during and post-radiation therapy (silicone and acrylic materials).Throughout every process, regular follow up appointments are scheduled, aligning surgical, oncologic, and prosthetic timelines. The process includes multidisciplinary treatment and surgery accompaniment.

Dr. Paul-Stefan Mauz is a member of the medical staff at the Department of Otorhinolaryngology, Head and Neck Surgery at the University of Tübingen, Germany, since 1987. He earned his board certification as an otorhinolaryngologist in 1993 and additionally specialized in facial plastic surgery. He has served as Vice Chairman and is currently the Director of Head & Neck Surgery and Oncology. Dr. Mauz co-founded Germany's first certified Head & Neck Cancer Center.

He is an expert in craniofacial resections, thyroid and tracheal surgery, laser surgery, and salivary gland surgery. His research focuses on immuno-oncology, and he serves as the principal investigator for several international phase II/III oncological studies, including Keynote 689. Additionally, he has conducted research on HPV-related diseases in otorhinolaryngology and advises medical manufacturers in high-frequency (HF) and laser surgery.

Mrs. Dorothee Siekmann
MD, Epithetikerin,Epithetik-Freiburg

Joint presentation with Dr. Paul Stefan Mauz

Dorothee Siekmann is a certified epithesist and owner of Epithetik-Freiburg. She is accredited by the German Federal Association of Epithesists (DBVE) and a qualified physician. As the head of the Institute for Craniofacial Epitheses, she combines medical expertise with specialized knowledge in craniofacial prosthetics.Craniofacial rehabilitation in cooperation with:

- Department of Otolaryngology, Head and NeckSurgery University of Tuebingen (key partner
- in providing specialized care including a weeklyconsultation for oncology patients)
- Department of Dermatology, Allergology andVenerology University Freiburg
- Department of Otolaryngology, Head and NeckSurgery University Freiburg
- Clinic for plastic, hand and aesthetic surgerySchwarzwald Baar.

DAY 3

Conference

Saturday, June 21

Gillian Duncan
MS, CMI, CCA, Certified Clinical Anaplastologist, Artifacials, LLC, Rochester, Minnesota

The nose knows – the artistic & technical engineering of nasal epitheses

The nose is the most prominent feature of the human face. Its size and shape tell a lot about the ethnicity, age and gender of a person. After a total oncological rhinectomy the patient experiences functional and aesthetic trauma. This paper is about the integration of key artistic and prosthetic principles into the creation of nasal epitheses, including overall observation/realism, color, fit/retention and anatomical accuracy. Artistic engineering also encompasses design, problem-solving and communication. All important components of teamwork. What is unique about these case studies is all the patients switched from adhesive retained to implant retained nasal epitheses. The presentation will follow a structured format of analyzing patient defects and their adhesive and implant retained nasal epitheses. An analytic rubric will blend the technical evaluation and artistic interpretation criteria of the patient's epithesis into an assessment scale. This type of critique can offer productive feedback. The audience will walk away knowing that "the creation process is ongoing" and there are recommended guidelines and a rubric to provide a format for evaluation and continuous improvement.

In summary, patients respond and deal with the loss of their nose, albeit in different ways, when given the options of doing nothing, surgical reconstruction or epithetic restoration. It is a humbling experience when a patient trusts us to recreate for them the most prominent feature of the human face.

Gillian Duncan has had a dual career and boards certifications in medical illustration and clinical anaplastology. For over 40 years, Gillian has used her knowledge of surgery, anatomy and pathology to create medical, scientific images and models and fit life-like prostheses for patients missing part of their face. Duncan received a Bachelor of Fine Arts degree from Tulane University, New Orleans, LA in 1973. In 1977 she received a Master of Science degree in Medical Illustration from the Medical College of Georgia, Augusta, Georgia.

Gillian did her clinical training in facial epithetics in the department of Mund, Kiefer-, Gesichtchirurgie at the Universitaetsklinikum in Homburg, Germany. Her ability to combine art, science, medicine and technology lead her to establish Graphica Medica Institute for Medical Illustrations and Facial Epitheses in Homburg Germany in 1981. In 1991 she moved Graphica Medica, LLC to Rochester, Minnesota/USA - continuing to train interns and provide facial and somatic prostheses for patients. In 2016 Gillian sold Prosthetics at Graphica Medica and established Artifacials, LLC. As a consultant Gillian's focus is speaking about the artistry and design of facial prosthetics.

DAY 3

Conference

Saturday, June 21

Prof. Dr. Thomas Maal
Professor 3D Technology in Healthcare & Director of 3D Lab, Radboud, Nijmegen

3D technology in healthcare: advances in facial reconstruction

This lecture will provide an overview of the latest developments in 3D technology and its applications in healthcare, with a special focus on facial reconstruction. We will explore how innovations such as Virtual surgical planning, AI technology and big-data, augmented reality and patient specific implants are transforming surgical practice and improving patient outcomes. Real world examples and current challenges will be discussed, highlighting the potential and future directions of these technologies.

Thomas Maal is a pioneer in 3D technology and founder of the Radboudumc 3D Lab in Nijmegen. He leads a team developing patient specific solutions that improve surgical outcomes. As professor of 3D technology in healthcare. Thomas focuses on virtual surgical planning and AI integration. He serves on international committees, driving innovation in patient-centered care.

Dr. Matthias Ureel
Head and neck reconstruction, 3D planning and simulations of the face, Orthognathic surgery (jaw surgery), Facial gender confirmation surgery, Maxillofacial traumatology, Dentoalveolar surgery, implantology, and autologous bone grafts (cleft lip and palate).

Beyond the traditional "Anaplastology without boundaries"

Anaplastology is undergoing a profound transformation mostly driven by advances in digital technologies and new clinical protocols. Central to this evolution is the integration of early loading of implants and a fully digital workflow that allows contactless production. Together, these developments are redefining both the speed and accessibility of patient care. Early loading protocols, which allow prosthetic rehabilitation to occur four weeks after implant placement, offer significant benefits in reducing treatment timelines. By minimizing the traditional waiting period required for osseointegration, early loading accelerates the restoration of form and function, enhancing patient satisfaction and quality of life.Simultaneously, digital techniques (3D scanning, printing and color registration) are enabling a fully digitalized approach to prosthetic design and fabrication. Digital workflows streamline the process from initial consultation to final prosthesis delivery without the need for repeated patient appointments.Contactless production methods enable remote collaboration and treatment. By decoupling physical proximity from the treatment process, anaplastologists can now design, plan, and even deliver facial prosthetics to patients across any geographical distances. This opens new possibilities for treating individuals in remote or underserved areas and offers flexibility for patients with mobility limitations. Contactless workflows, from digital impressions to remote design and fabrication, represent a major step toward expanding access to high-quality anaplastologic care.This presentation explores how the convergence of these innovations is reshaping modern anaplastology. Through clinical case studies, workflow analyses, and outcome evaluations, we highlight the benefits and challenges of implementing early loading, digital workflows, and remote production strategies in prosthetic rehabilitation. Our goal is to inspire practitioners to embrace these advancements while upholding the artistry, precision, and patient-centered care that remain central to the discipline.

Dr. Matthias Ureel graduated as a doctor from Ghent University in 2013. During his dentistry studies, he worked as an independent surgical assistant at AZ Jan Palfijn with an orthopaedic and maxillofacial surgeon from 2013 to 2016. In 2016, he obtained his degree in dentistry.In August 2016, Dr. Ureel started training in oral and maxillofacial surgery at the University Hospital Ghent under the supervision of Prof. Dr. H. Vermeersch. For the next 3.5 years, he worked at the University Hospital Basel, Switzerland, in the cranio-maxillofacial surgery department under the supervision of Prof. C. Kunz. Dr. Ureel's main interests are 3D planning and printing, traumatology, orthognathic surgery and facial gender confirmation surgery.

Mr. Maarten de Jong
Maarten de Jong, MA
Anaplastologist, Consultant anaplastologist at Maastricht UMC+ (NL), St. Anna Hospital Geldrop (NL), Amsterdam UMC / SBT (NL), UZ Leuven (BE), UZ Gent (BE), ZOL Genk (BE). Head of The Maxillofacial 3D-Lab Maastricht UMC+ Owner and founder of The Dutch Institute for Facial Prosthetics

Joint presentation with Dr. Matthias Ureel

Mr. Maarten de Jong has more than fifteen years of experience in manufacturing epitheses in the head and neck area. In 2009, he started his clinical training as an anaplastologist at the Centre for Craniofacial Epithete in Zaventem and the MUMC+ in Maastricht. He then completed his Master's degree in Medical Illustrating with distinction in 2016 at Zuyd University of Applied Sciences/Faculty of Medicine at Maastricht University, specialising in head and neck anatomy, anaplastology and the digital possibilities in this field. Maarten is part of several oncological head and neck teams in the Netherlands and Belgium and has extensive experience in treating a diverse patient population. His areas of expertise are: extraoral facial prosthetics on implants and digital planning and 3D printing to support surgical procedures. He is director and founder of the Dutch Institute for Facial Prosthetics and head of the MKA 3D lab at the MUMC+ in Maastricht.