

## IMPT parallel session aims and objectives:

1.	<b>Session 1: 9:00 - 10:45 - Advances in Zygomatic Implants</b>
	<ul style="list-style-type: none"><li>• <b>Aim:</b> To explore and understand the advancements in the design and utilization of 3D printed surgical guides for oncology zygomatic implants.</li><li>• <b>Objectives:</b><ul style="list-style-type: none"><li>• Gain insights into the innovative use of 3D printing in surgical guides for zygomatic implants.</li><li>• Understand the implications and benefits of utilizing zygomatic implants in nasal rehabilitation.</li><li>• Explore collaborative approaches in oro-facial cases for improved patient outcomes.</li><li>• Facilitate a comprehensive Q&amp;A session for clarifications and further discussion.</li></ul></li></ul>
2.	<b>Session 2: 11:15 - 12:45 - Innovations in Jaw Reconstruction and Prosthetics</b>
	<ul style="list-style-type: none"><li>• <b>Aim:</b> To showcase and discuss advancements in jaw reconstruction and prosthetic solutions.</li><li>• <b>Objectives:</b><ul style="list-style-type: none"><li>• Gain insights into the "Jaw-in-a-Day" approach and its journey.</li><li>• Understand the challenges and considerations in obturation as a last resort in certain cases.</li><li>• Engage in a Q&amp;A session for clarity on presented topics.</li></ul></li></ul>
3.	<b>Session 3: 13:45 - 15:45 - Maxillofacial Prosthetics, Reconstructive Science, and Digital Design</b>
	<ul style="list-style-type: none"><li>• <b>Aim:</b> To introduce and discuss various aspects of maxillofacial prosthetics and advancements in digital prosthetics and implant design.</li><li>• <b>Objectives:</b><ul style="list-style-type: none"><li>• Gain an understanding of maxillofacial prosthetics and reconstructive science.</li><li>• Explore opportunities and challenges in digital prosthetics and implant design.</li><li>• Foster discussion on smile design for dental prosthodontists.</li></ul></li></ul>
4.	<b>Session 4: 15:45 onwards - Smile Design for the Dental Prosthodontist</b>
	<ul style="list-style-type: none"><li>• <b>Aim:</b> To delve into the intricacies of smile design in dental prosthodontics.</li><li>• <b>Objectives:</b><ul style="list-style-type: none"><li>• Gain insights into the latest developments in smile design.</li><li>• Facilitate discussions on practical applications and considerations in dental prosthodontics.</li></ul></li></ul>

## **IMPT speaker bios:**

### **Lawrence Dvagski**

MIMPT

Maxillofacial Prosthetist / Reconstructive Scientist

Maxillofacial Laboratory, Morriston Hospital, Swansea

**Lawrence Dvagski** is a Maxillofacial Prosthetist with 18 years of experience working as part of the laboratory team at Morriston Hospital, Swansea. His areas of expertise include planning of osseointegrated implants for facial prosthetics, orthognathic surgical plans and digital reconstruction/guide design for complex free-flap cases.

### **Mr Garry Jones**

Head of Removable Oral Prosthetics

Maxillofacial Laboratory, Morriston Hospital, Swansea

**Garry Jones** is a highly skilled Dental Technician based at Morriston Hospital in Swansea, where he brings a wealth of expertise and dedication to the field of dental prosthetics. With a career spanning over three decades, Mr. Jones has become a cornerstone in the hospital's Maxillofacial department, known for his precision and commitment to providing quality dental solutions. Garry qualified with a Final Certification in Dental Technology City & Guilds in 1975 and joined running his own laboratory and joining the Morriston team, and becoming Head of Prosthetics in 2015.

### **Professor Chris Butterworth**

BDS(Hons), MPhil, FDSRCS (Eng.), FDS (Rest Dent) RCS (Eng.)

Consultant in Maxillofacial Prosthodontics

Liverpool Head & Neck Centre, UK

**Professor Chris Butterworth** is a UK-based Maxillofacial Surgical Prosthodontist who has worked at University Hospital Aintree since his appointment in 2003. He has built an international reputation for innovative care in the field of oral & facial rehabilitation following head & neck cancer and has won several national and international awards for his work on implant-based prosthetic rehabilitation. He has pioneered the combination of skeletally anchored zygomatic implants in combination with microvascular free flap reconstruction for patients with maxillary and mid-facial malignant diseases (the ZIP Flap technique).

He is actively involved in research within the Head & Neck Centre and regularly lectures at national and international meetings. He was the youngest ever national president of the British Society of Prosthodontics in 2011/12. He organised the Zygomatic2019 conference in London in March 2019. Chris has authored over 60 scientific papers, several textbook chapters and is the lead author on the current restorative guidelines for UK based head & neck cancer patients.

### **Taran Malhotra**

MIMPT

Lead Reconstructive Scientist

Aintree University Hospital, Liverpool

**Taran Malhotra** holds an MSc in Maxillofacial Prosthetic Rehabilitation from Kings College London, complemented by clinical training at QE Hospital, Birmingham. Taran's expertise centres on 3D applications in Oral and Maxillofacial surgery planning and integrating digital technology into prosthetic rehabilitation. Pioneering the establishment of Aintree Hospital's 3D virtual surgical planning service in 2016, she remains dedicated to innovation and service development.

With over a decade of impactful contributions, Taran has been a prominent speaker at conferences, addressing complexities in facial prosthetics, 3D surgery planning for orthognathic surgery, and mandibular reconstructions using microvascular-free flaps. In 2022, Taran was honoured with the NIHR Pre-doctoral Clinical and Practitioner Academic Fellowship (PCAF), marking her as the first in her speciality to receive this prestigious accolade. Her research endeavours now focus on developing a person-centred intervention to enhance the quality of life for individuals with head and neck cancer utilising facial prostheses.

### **Barry Edwards**

Maxillofacial Prosthetist / Reconstructive Scientist  
Queen Victoria Hospital, East Grinstead

**Barry Edwards** started out as an apprentice dental technician in the late 1980s in his father's business, before running a dental laboratory for the next decade. He became a qualified MfP in 1998 via the NHC/D route, and started work at the maxillofacial dept. in Bedford hospital that year. In 2000, he accepted a maternity cover appointment at Queen Victoria Hospital in East Grinstead Hospital, and he became a permanent member of staff in 2001. In 2010, Barry completed the taught MSc at Kings College London. He then went on to become deputy head of Dept. at the QVH following the retirement of Terry Sharpe. Barry's particular interests in the maxillofacial world are ocular prosthetics and cranioplasty construction.

### **Stefan Edmondson**

BSc (Hons) PDip FIMPT

**Stefan Edmondson** graduated from the University of Wales institute Cardiff with BSc (Hons) in Dental Technology. He then later worked at the Heath Dental Hospital from where he later moved to Birmingham to pursue his career in Maxillofacial Prosthetics where he has been for 24 years and is now Head of Service. Stefan has been fortunate to represent the IMPT and profession far and wide. Stefan is a Fellow of the IMPT and is registered with the HCPC and AHCS as a Consultant Clinical Scientist (Reconstructive Science).

Stefan's main areas of interest are Facial prosthetics associated with Head and Neck Oncology, carbon fibre sports splinting for facial sporting injuries, 3D surgical planning associated with patient specific implantable devices and 3D printing.

### **Professor Dominic Eggbeer**

Professor of Healthcare Applications of Design at Cardiff Metropolitan University

**Professor Dominic Eggbeer** bridges the gap between design and healthcare. At Cardiff Metropolitan University, he harnesses user-centred design and cutting-edge technology to

revolutionise healthcare delivery. His research, woven into master's teaching modules and commercial services, impacts UK hospitals and beyond. With a Queen's Anniversary Prize and extensive publications under his belt, he champions collaboration and inclusivity, ensuring his innovations benefit diverse healthcare systems worldwide. Beyond accolades, Dominic finds joy in working with passionate colleagues, sharing his knowledge, and witnessing the positive impact of his designs on people's lives.