



IMPT 27th Biennial Scientific Congress

10th – 11th September 2015

HMS Belfast

London, UK

THE INSTITUTE OF MAXILLOFACIAL PROSTHETISTS AND TECHNOLOGISTS

27th SCIENTIFIC BIENNIAL CONGRESS

LONDON – UK

10th - 11th SEPTEMBER 2015

Welcome to the 27th Scientific Congress held on-board HMS Belfast in the heart of central London. The event begins at 09:00 on Thursday 10th September 2015 with the induction of our new President, Mr Kavin Andi BDS MBBS PGCert Med Ed FHEA FDSRCSEng FRCSEd FRCS (OMFS), a Consultant Oral and Maxillofacial Surgeon at St Georges University Hospitals NHS Foundation Trust. Mr Andi shall then deliver his presidential lecture.

The Scientific programme continues during the day with a series of interesting and stimulating short free papers on Thursday 10th and Friday 11th September. The BAOMS Keynote Lecture will be delivered by Mr Niall Kirkpatrick BDS MBBS MD FRCS FRCS (Plast), Consultant Plastic Surgeon. Mr Kirkpatrick leads the multidisciplinary Craniofacial Unit at Chelsea and Westminster Hospital NHS Foundation Trust.

The plenary will also include an exhibition of scientific posters and be complimented by commercial exhibitors specifically selected for the event.

A broad range of topics have been selected that will be of interest within maxillofacial prosthetics and technology.

The organising committee are keen to showcase innovative and new work; to educate through presentations by established and respected professionals, while offering a platform for trainee Maxillofacial Prosthetists the opportunity to present research studies to educate and inform. We are delighted that Free Paper Session Five is entirely comprised of STP Trainees.

The Congress venue is perhaps the most unique in its history; being one of the most iconic locations within the UK. The HMS Belfast is a ship with an incredible history which we hope you will have time to learn more about during your time onboard.

The reunion dinner is being held at the Horniman at Hays which is situated riverside to the HMS Belfast. The banquet and awards ceremony shall feature on a transformed HMS Belfast to that which has hosted the congress lectures

CPD points will apply to the Congress; these will be awarded after the sessions have been completed. You will need to sign the register of attendance at the Registration desk to receive the final awarded certificate.

IMPT Chairman's Welcome



Dear Delegates,

May I extend a warm welcome to all delegates to the 27th IMPT biennial scientific conference, held this year at the unique location of HMS Belfast in the heart of London. You will note the conference timetable has been compressed into two days in order to meet the challenges presented when hosting a conference in a major capital city.

I would like to thank all those attending this year's meeting, in particular those who are contributing lectures, demonstrations and poster displays. Without these there would be no conference. Similarly, I would like to add particular thanks to the conference organising committee.

Please do not forget to take time during breaks to attend the trade stands and displays. These companies are directly supporting our conference.

Finally I would like to introduce our new president Mr. Kavin Andi and thank our outgoing president Mr. Adrian Farrow for all his efforts on our behalf these past two years.

I sincerely hope you all enjoy this year's conference.

Barry Edwards MSc MIMPT

IMPT Chairman 2015

Message from Organising Committee

To assist all the presenters, all delegates are respectfully reminded that mobile phones and radio pagers should be set on silent running or switched off in lecture theatre.

No audio or visual recording is permitted at any time within the lecture theatre.

Due to a full lecture programme, all persons lecturing must be aware of their allocated lecture time. Those who exceed their allocation will have their lecture terminated by the session chair.

Thank you

2015 Congress Organising Committee

Ms Naimisha Patel MSc MIMPT
Mr Adrian Kearns DPS MIMPT
Ms Heidi Silk BSc (Hons) MIMPT
Mr James Dimond DPS MIMPT

Mr Edward Malton DPS MIMPT
Mr Richard Eggleton FIMPT
Mr Hitesh Korla DPS MIMPT

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Mr Adrian Kearns DPS MIMPT

Journal Editor:

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IMPT Congress Awards

The Wim de Ruitter Delft Plate

Awarded for significant **research contribution**. Mr Wim de Ruitter from Ridderkirk near Rotterdam provided a maxillofacial prosthetic service for the Rotterdam area and donated this award in 1985.

The Mount Vernon Award

Awarded for **outstanding clinical or technical practice**. Designed and fabricated by Chief Maxillofacial Prosthetist Mr John Hayward at Mount Vernon Hospital, this award was first presented at the 1981 IMPT Congress held at Brunel University, London.

The Presidents Award

Awarded for the **best poster display**. This award was inaugurated in 1983 at the IMPT Congress; held at the Royal College of Surgeons, London.

The Kidd Award

Awarded for **innovation**. This award was donated by Mr Norman Kidd, who began making subperiosteal implants in 1956 and upon his retirement, instigated the Kidd Award plaque in 1997.

The Ian MacLeod Alumno Award

Awarded to the most **outstanding contribution from a student or junior/associate** IMPT member. This award has been dedicated by the IMPT in honour of Ian MacLeod; a member of the IMPT who had a positive influence on many young MfP's.

Technovent Award for the best first time lecturer

Awarded to the best first time lecture delivered at congress

Materialise Award for the best Journal article

This award goes to the individual with the best journal article chosen from the Journal of Maxillofacial Prosthetics and Technology

The IMPT Travel Fellowship

£1,000 is awarded to the successful applicant to provide the means for study and research. This award is assessed and awarded by the Fellows of the IMPT. It must be applied for prior to the IMPT Congress by contacting the Chairman.

The Brian Conroy Award

Awarded for outstanding services to maxillofacial prosthetics. Donated by Mr Brian Conroy MBE FIMPT (Hon) in 1969, the award was commissioned- "*For those who have given significant service for advancement in technology, prosthetics, surgery and other activities that relate to maxillofacial prosthetics and technology*".

2015 Congress Awards Assessors

Dr Trevor Coward PhD MPhil FIMPT FETC

Mr Fraser Walker MSc FIMPT

Mr Stefan Edmondson BSc (Hons) DPS MIMPT

IMPT Congress – Lecture Programme

Registration - Wednesday 9th September – Guys Hospital, Floor 18, Tower Wing 15:30 – 17:00

Thursday 10th September – HMS Belfast – 08:15 – 09:00

Thursday 10th September

09:00 Congress Opens

- Chairman's Welcome
- Formal Handover of Presidential Office
- Inauguration of new IMPT President, Mr Kavin Andi

09:15 New Presidents Lecture Pixels, Polygons and Printers. Why we will need the clinical technologists of tomorrow

10:15 Coffee Break

Free Paper Session One:

Chair Barry Edwards, East Grinstead, UK

10:45 Lucy DiSilvio Growing body parts - Hype or hope?

11:15 Mike Fenlon Obturation and its alternatives

11:45 Niall Kirkpatrick Changing Faces
BAOMS Lecture

12:45 QUESTIONS

12:55 Lunch

Free Paper Session Two:

Chair Adrian Kearns, Guildford, UK

14:00 Jason Watson & Chris Maryan Higher Specialist Scientific Training (HSST) in Reconstructive Science

14:15 Jason Watson Equivalence: The Road to Registration

14:30 Kerry Tinkler The Academy of Healthcare Science; The Role of the Academy, Equivalence Assessment and Future Developments

14:50 QUESTIONS

15:00 Coffee Break

Free Paper Session Three:

Chair James Dimond, Coventry, UK

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|-------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:30 | Ffion Lorraine O'Malley | Summary of key findings and results of PhD research undertaken on Maxillofacial Additive Manufactured (AM) Surgical Guides |
| 15:45 | Andrew Richmond | Hemimandibulectomy and Distraction Osteogenesis utilising the Unique Herford Distractor; 2 case series |
| 15:55 | Taran Malhotra | Successful mandibular reconstruction following segmental mandibulectomy using bone grafts, microvascular free flaps and reconstruction plates: a critical review of literature |
| 16:05 | Muhanad Hatamleh | Biocompatibility and surface characteristics of cranioplasty titanium implants following different finishing protocols |
| 16:25 | Joern Brom | The Vistafix 3 system – a series of case studies |
| 16:40 | Lauri Wauters | Revolutionizing Jaw Angle Surgery with 3D Planning and Custom Implant Design |
| 17:00 | QUESTIONS | |

Close Day One**Friday 11th September****Free Paper Session Four:**

Chair Hitesh Korla, Birmingham, UK

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|-------|-------------------------------|---------------------------------------------------------------------------------------------|
| 09:00 | Rehema Semididu | Ocular Prosthetics in Tanzania |
| 09:15 | Emma Worrell | Hollow prosthetic eyes |
| 09:30 | Neeraj Chandraker | Ocular and orbital defect prosthetic management – an unconventional approach |
| 09:45 | Robin Richards | Challenging cases |
| 10:30 | Mahmoud Ellarousi
Elbashti | The role of digital technology in overseas maxillofacial overseas prosthetics collaboration |
| 10:45 | QUESTIONS | |
| 10:55 | Coffee Break | |

Poster presenters are asked to be next to their posters for panel assessment

Free Paper Session Five:	Chair	Jason Watson, Nottingham, UK
11:30	Sian Hayward	Combined orbital rehabilitation
11:40	Oliver Burley	To examine the use of radiotherapy mouth bite devices in delivering accurate oncology treatment
11:50	Sabah Zaulifqar	The effective management of resistant or recurrent keloid scars: laser vs pressure therapies.
12:00	Catherine Turner	Comparing three orthognathic model surgery planning techniques
12:10	Jessica Jones	Comparing the accuracy of digital and analogue manufactured surgical orthognathic wafers.
12:20	Kelly Morris	Development of a phantom head for use in intensity modulated radiotherapy treatment dose verification
12:30	Amy Davey	Paediatric cranial fracture treated with a custom-made helmet
12:40	QUESTIONS	
12:50	Lunch	

Optional Break out Room session for interested units to discuss hosting STP trainees, or opportunity to question persons involved in training.

Free Paper Session Six:	Chair	Ian Collins, Worcester, UK
14:15	Hitesh Koria	The use of CBCT and Dolphin 3D to virtually plan an orthognathic surgical procedure.
14:35	Pauline Paul	Who nose? A parallel case study of two post-operative rhinectomy patients.
14:55	Malene Grip	Congenital Microphthalmia from an Ocularist`s perspective
15:05	Daniella Bellini	Silicone colour effect with addition of Raylon Fibres
15:15	Philippe Federspil	Surgery and implant-retained craniofacial prosthetic rehabilitation in the setting of uncertain curability or palliation
15:30	QUESTIONS	
15:40	Close of Business – Coffee Break	
15:55	IMPT Business Meeting (All Members Welcome)	
16:30	Close of Meeting	



IMPT Reunion Dinner – Horniman at Hays
Unit 26 Hays Galleria – 18:45 – Casual Dress

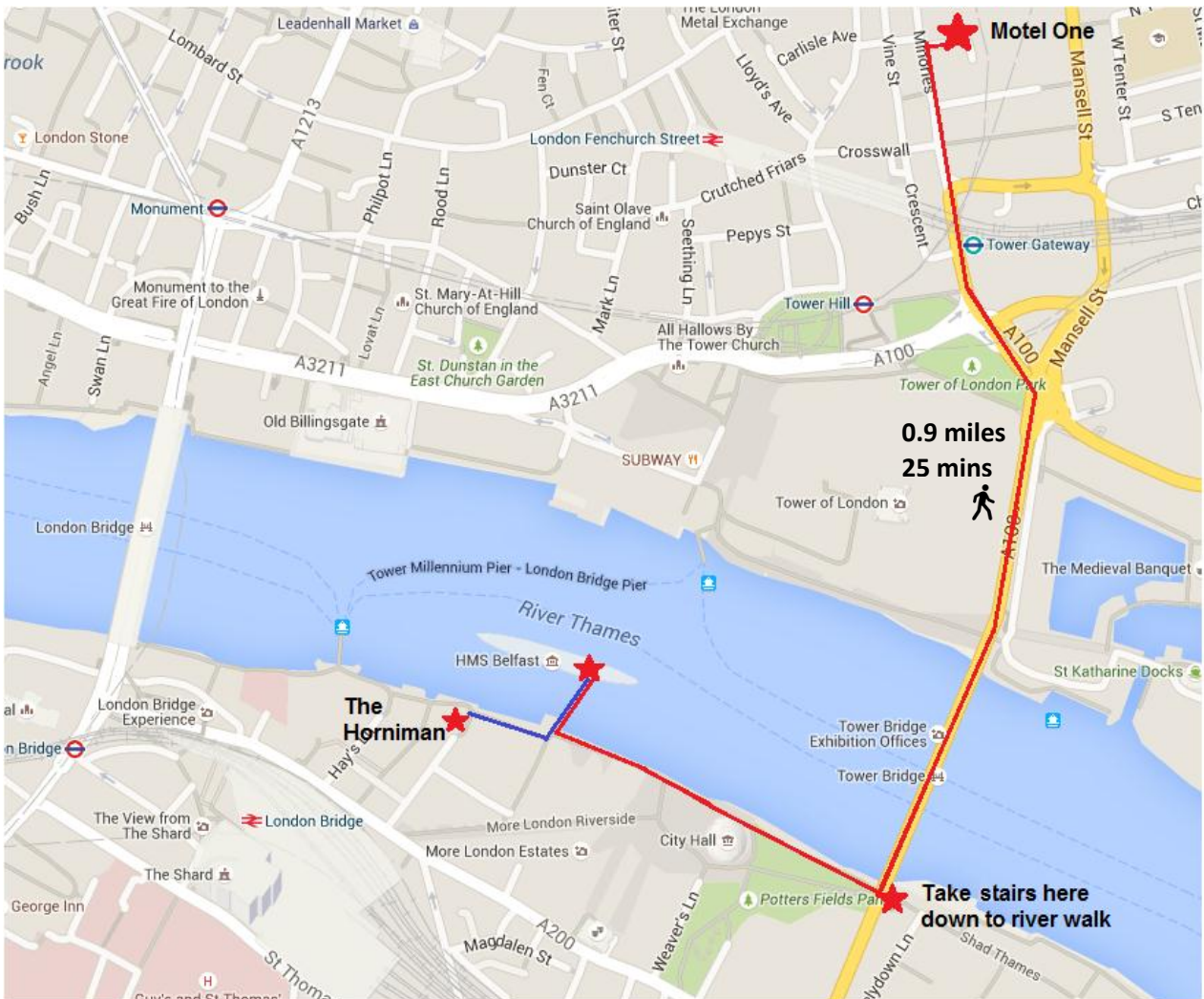
IMPT Banquet and Award Ceremony – HMS Belfast
18:30 – 11:30 Formal Dress
Coaches leave Motel One at 18:00





Congress Hotel - Motel One – London Tower Hill

24 – 26 Minories, EC3N 1BQ - Tel: 0207 481 64 20



Commercial Supporters

The President, Chairman, and Council of the IMPT would like to express their gratitude and thanks to the following commercial organisations that have supported this congress.

The organising committee encourage delegates to visit the exhibits during coffee and lunch breaks to discover the latest in commercial innovations to enhance our practise.

Blueprint Dental

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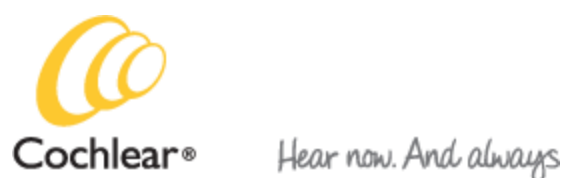
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