The South African Society of Maxillo-Facial and Oral Surgeons

2017 Annual Congress

Sunday, 10th September – Saturday, 16th September 2017

The Avenue, V&A Waterfront, Cape Town
<table>
<thead>
<tr>
<th>CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message from the President .............................................................................................. 1</td>
</tr>
<tr>
<td>Message from the Congress Ambassador ............................................................................... 2</td>
</tr>
<tr>
<td>Message from the Local Organising and Traders Committee ........................................... 3</td>
</tr>
<tr>
<td>Acknowledgements                                                                          .................................................................. 4</td>
</tr>
<tr>
<td>Traders ............................................................................................................................ 5</td>
</tr>
<tr>
<td>Message from the 2017 Pre-Congress Cadaver Workshop Conveners ... ................................ 6</td>
</tr>
<tr>
<td>3rd Surgical Facial Access, Flap and Orthognathic Surgery Masterclass Cadaver Workshop ... 8</td>
</tr>
<tr>
<td>Programme ......................................................................................................................... 9</td>
</tr>
<tr>
<td>Invited Speakers ............................................................................................................... 17</td>
</tr>
<tr>
<td>Posters 2017                                                                            .................................................................. 23</td>
</tr>
</tbody>
</table>
2017 SASMFOS Annual Congress

Message from the President

On behalf of the SASMFOS Executive Committee, the 2017 SASMFOS Congress Scientific Committee and Prof Johan Reyneke as our congress ambassador, a warm welcome to you all in Cape Town to participate in our 2017 Annual Congress. Cape Town is one of the top ten tourist destinations in the world and the congress venue will be at “THE AVENUE” situated at the world renowned Cape Town Victoria & Alfred Waterfront. We look forward to all of our overseas guests and for your participation at our annual congress.

The 2017 SASMFOS Congress is an “international year” congress for our society. The theme of our meeting is “Masterclass in Orthognathic Surgery” and our invited world renowned experts in the field of orthognathic surgery will no doubt make a valuable contribution to our knowledge and expertise. The local organising committee and scientific team have arranged an exciting program with an array of topics to be presented by our international colleagues.

Our 2017 Congress Academic week starts with a two-day surgical anatomy cadaver facial access flap raising course to be tutored by Dr Martin Danford, Dr Bhavin Visavadia and Prof John Langdon. We have also introduced a "Hands on Orthognathic Surgery Cadaver Laboratory Workshop" to be directed by our own Prof Johan Reyneke, Prof Steven Sullivan and Prof Gabriele Millesi. This is our third cadaver course and both of these courses have been endorsed by the IAOMS as SIGN (Special Interest Groups Network) courses, which is a new educational initiative of the IAOMS.

We are also very excited about the poster section of presentations, with over 40 posters on display, many of which are from our trainees and overseas colleagues. This not only affords our trainees the opportunity to participate at this level, but also allows them to display research and development in our country and scope of practice.

My thanks to the local organising, scientific and trader’s committees, led by Suvir Singh, Jean Morkel and Ebi Fakir for their untiring work in bringing our congress to fruition. Also, a big thanks to both our international and local traders for their generous support in making our congress academic week happen and hopefully rival some of the best congresses in the world.

It is my sincere wish that you will all leave Cape Town with a sense and knowledge that we have learned something new, made and enhanced friendships, and above all, had some fun. Welcome again to Cape Town and enjoy your congress week with us!

Greg Boyes-Varley

PRESIDENT: SASMFOS
Message from the Congress Ambassador

A few years ago, my friend Steven Sullivan and I, discussed the possibility of hosting an Orthognathic Surgery conference here in Cape Town. This vision was kindly taken over by the South African Society of Maxillofacial and Oral Surgeons and I am extremely excited that this dream has eventually come true. We have managed to gather a once in a lifetime, group of world renowned orthognathic surgeons, as faculty in the most beautiful city, Cape Town. The exceptional interest seen by the national and international registrants is certainly proof of a great conference program which includes pre-conference cadaver workshops.

The international faculty is certainly giants in the field of orthognathic surgery on whose shoulders we can stand to improve our knowledge and surgical skills. To quote Katherine Phillips in “Orthognathic Surgery, principles, planning and practice” by (ed) Frahad Naini and Daljit Gill: “The accumulation of knowledge, achievements and experience of the pioneers of orthognathic surgery, which have been committed to the literature and thereby transmitted to the modern day, are the connective tissue of the specialty and remain a guide for future progress. A specialty that fails to remember, misapprehends its historical development loses that guidance, and those who cannot learn from history or who fails to learn from mistakes of their predecessors are destined to repeat them”.

Those who stand on the shoulders of today’s giants will lead the future of the specialty.

Welcome to Cape Town and wishing you a fruitful and most enjoyable conference.

Johan Reyneke
CONFERENCE AMBASSADOR
Message from the Local Organising and Traders Committee

It is a great pleasure to extend a warm welcome to each and every colleague attending this, our annual congress of The South African Society of Maxillo-Facial and Oral Surgeons and the third pre-congress cadaver workshop in Maxillo-Facial Surgery in Cape Town, South Africa. The 2017 Congress is a congress with true international flavour. An iconic “Masterclass in Orthognathic Surgery”, that will surely benefit all of us.

We send out a warm welcome to our younger colleagues and trainees, some of whom will have their first taste of what SASMFOS congresses are all about. The Annual SASMFOS meetings have become known for their quality and this year promises to be no exception with the excellent array of international and local speakers.

A heartfelt thank you to our local organising committee in Cape Town who worked tirelessly towards the success of this congress. We look forward to presenting you with a world class scientific programme that will be presented by some of the world’s leading experts in Orthognathic surgery and planning. The venue is set spectacularly in the Aquarium at V&A Waterfront. The social programme shows off some of the hidden gems that Cape Town has to offer.

It has been my privilege to work closely with my co-committee members and we have made every endeavour to bring you a successful and enjoyable congress. On behalf of local organizing committee, we would like to extend our heartfelt gratitude and appreciation to all our sponsors and exhibitors for the support, assistance and valued participation in the 2017 congress.

We send a special thanks to all those who have sponsored events and prizes during the congress. It is your support and generosity that has assisted the LOC to put together what we hope will be a memorable and successful congress. We appeal to the delegates to please visit the exhibition halls regularly. These Traders have gone to great lengths, both physically and financially, to support the Society at the Congress. We are extremely grateful to all the respective traders in this regard.

May our friendship and extremely valued support from our sponsors, traders and exhibitors blossom exponentially in the years to come. Thank you for supporting SASMFOS and this congress.
Acknowledgements

The organizing Committee of the 2017 Maxillo-Facial congress would like to express its sincere appreciation to the following for their support, sponsorship and contributions:

- Zimmer Biomet for their sponsorship of this congress a platinum sponsor
- Southern Implants for their sponsorship of Martin Danford, John Langdon and Bhavin Visavadia
- DePuy Synthes for their sponsorship of the congress bags and an international speaker
- Zimmer Biomet and Southern Implants for their sponsorship of the pre-congress cadaver workshops
- OnScreen for their organizational and secretarial expertise
- All the traders who have given time to attend and exhibit at our congress

- Zimmer Biomet
- DePuy Synthes
- Selective Surgical
- Prime Surgical – KLS Martin
- Stryker
- Southern Implants
- Axim
- Dolphin Imaging
- Venture Pharmaceuticals
- Prime Dental
- Dentsply Sirona
- Nobel Biocare
- ISS
- Dental Warehouse
- Bone SA

We look forward to see in you all in Cape Town.

Suvir Singh
2017 LOC Convenor

Ebrahim Fakir
2017 Congress Traders’ Committee
Traders
Message from the 2017 Pre-Congress Cadaver Workshop Conveners

It is a great pleasure to extend a warm welcome to each and every colleague attending any of the Third SASMFOS Pre-Congress Cadaver Workshops in Cape Town from 10 to 12 September 2017. The courses have been endorsed by the IAOMS as SIGN (Special Interest Groups Network) courses, which is a new educational initiative of the IAOMS.

The venue will again be the Anatomy Facility at the Tygerberg Medical Campus of the University of Stellenbosch, mainly in the new Sunskill laboratory. http://www0.sun.ac.za/pgstudies/news/new-training-laboratory-boots-skills-development-in-africa.html

The orthognathic surgery workshop faculty will include respected international Maxillofacial and oral surgeons, Profs Johan Reyneke, Steven Sullivan and Gabriele Millesi. The facial access, resection and flap course tutors comprise Dr Martin Danford, Dr Bhavin Visavadia and Prof John Langdon, who is an Emeritus Professor at King’s College in the UK, will lead the flap course. Information can be found on the SASMFOS congress website at http://sasmfos.org/congress/workshops.html

We would like to acknowledge Biomet and Southern Implants, our partners and sponsors who have aided us in bringing the workshop to participants at a reduced cost.

We wish you all an enjoyable and fruitful two days at our Pre-Congress Cadaver Workshop in Cape Town.

Transport to the Workshop at the Tygerberg Campus:

- Transport will be available from the V&A Waterfront to the skills lab each morning. A bus will leave from the Commodore Hotel, V&A Waterfront, at 07h00 from Sunday to Tuesday and return after the days teaching.

Instructions and handouts pre workshop:

- The workshop programmes for both courses and handouts are available on the congress website. Delegates attending the flap course can download these handouts from the congress website. http://sasmfos.org/congress/workshops.html

- There is an optional third day (will run parallel with the orthognathic surgery workshop) of the flap course, which is open to all flap course registrants. This will involve individualised teaching in neck dissection, parotidectomy and implant rehabilitation techniques after maxillectomy. If anyone is interested in attending, please contact Jolandi or Bridget at OnScreen (email: jolandi@onscreenav.co.za) and book your place. There is no extra charge to attend this additional morning
and it is considered part of the flap cadaver workshop. Attendance is limited, so please, if you are interested, book your place early.

**Registration:** 07h15 – 07h45 each morning.
- Will take place on site, in the Anatomy building and will be on the entrance floor. Limited to pre-registered persons only.
- Place: Anatomy building on the medical campus. Last building on the right. Just next to the main administration building.

**Food and Meals:**
- Early morning coffee, tea and lunch as per programme.
- Lunch caters for Halal, Kosher and Vegetarians.

**Format of workshop:**
Will take place in Sunskill lab on the 2nd floor.
- Lectures and talks will take place in the same venue.
- Programme (possibly might still change a bit re content) is on the SASMFOS website.
- Please try and do some reading and refreshing of anatomy knowledge before the workshop.
- Min 4 people will be allocated per cadaver: numbers will be on your name badge that will match the allocated station/cadaver.

**Dress code:**
- Sunskill laboratory will supply disposable gloves, caps and gowns.
- NB:
  - You will need to bring your own sets of Scrubs
  - Some old shoes or theatre shoes
  - Bring your own protective glasses
  - If you prefer professional/theatre gloves, you will have to bring your own stock.

**Directions and Parking:**
- Entrance to the grounds via the security at the gate of the US Medical Campus (Faculty of Health Sciences on the map).
- NB: Use entrance to Faculty of Health Sciences, US and not Tygerberg Hospital.
- Parking about 150m away from anatomy building, therefore if a rainy day, bring an umbrella.
- Medical campus GPS coordinates: -33° 54' 32.97", +18° 36' 30.45"
- Anatomy building, last building on your right, next to main admin building.

Yours truly

Jean Morkel, Johan Reyneke and Greg Boyes-Varley

2017 Pre-Congress workshop Conveners
3rd Surgical Facial Access, Flap and Orthognathic Surgery MasterClass Cadaver Workshop

“Endorsed by the IAOMS as a SIGN course”
Pre-Congress Cadaver Workshop
Sunday 10th to Tuesday 12th September 2017

Department of Anatomy, Tygerberg Medical Campus, Bellville, Cape Town

Course Outline:
1. Course 1: Cadaver workshop for Flap raising starting on Sunday 10 September and Monday 11th September- Prof John Langdon and team.
2. Course 1: (additional morning) : Cadaver workshop for SOHND, Parotid and Zygomatic model surgery - Prof John Langdon, Dr Martin Danford, Dr Bhavin Visavadia and Dr Greg Boyes-Varley
3. Course 2: Cadaver workshop for Orthognathic Surgery on Tuesday 12th September – Profs Johan Reyneke, Steven Sullivan and Gabriele Millesi

Course Chairman:
Jean Morkel: Professor and Head of Department of Maxillo-Facial and Oral Surgery, University of Western Cape.

International Faculty:
Martin Danford, MB BS BDS FFD, RCSI, FRCS: Senior Consultant, Nuffield Hospital Guildford, Surrey, United Kingdom
Professor John Langdon FKC MB BS BDS MDS PhD (HC), FDSRCS FRCS FMedSci Emeritus Professor: King’s College, London, United Kingdom.
Bhavin Visavadia FRCS(OMFS) FRCS(Eng) FDSRCS(Eng) MBBS(Lond) BDS(Lond)
Consultant OMSurgeon, Clinical Director for Head and Neck Services. North West Healthcare NHS Trust, Northwick Park Hospital, Harrow, UK
Prof Johan Reyneke, BChD, MChD, FCMFOS (SA), PhD. Professor, Department of Maxillofacial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, Cape Town, South Africa.
Prof Steven Sullivan, DDS. Professor and Chairman, Department of Oral and Maxillofacial Surgery, University of Oklahoma College of Dentistry, Oklahoma City, Oklahoma, USA
Prof Prof Gabriele Millesi, MD, DMD. Vice President Elect of the IAOMS and University Hospital for Cranio Maxillofacial and Oral Surgery, Medical University of Vienna

Local Faculty:
Greg Boyes-Varley: Senior Lecturer, Department of Maxillo-Facial and Oral Surgery, University of the Witwatersrand.
Programme

Sunday 10th September 2017

07h30 – 07h45  Registration

07h50 – 08h00  Welcome and Organisation
              Jean Morkel and Martin Danford

08h00 – 09h00  Lecture
              Neck Access, SOHND
              Reconstruction mandibular defects
              John Langdon, Martin Danford and Bhavin Visavadia

09h00 – 09h30  Lecture and product information
              Plating Systems for tumour surgery and orthognathics
              BIOMET

09h30 – 10h00  TEA

10h00 – 12h15  Training
               Neck Access, SOHND
               Resection “mandibular tumour”
               Reconstruction mandibular defect
               2.4mm plate
               John Langdon, Martin Danford and Bhavin Visavadia

12h15 – 13h15  LUNCH

13h15 – 14h00  Lecture
               Fibula free flap
               Martin Danford and Bhavin Visavadia

14h00 – 16h00  Training
               Fibula free flap
               Martin Danford and Bhavin Visavadia

16h00 – 16h30  COFFEE - BREAK

16h30 – 18h00  Training (cont.) and discussion
               Fibula free flap and Discussion
               Martin Danford and Bhavin Visavadia
Programme

Monday 11th September 2017

08h00 – 08h20  Lecture: Radial forearm free flap
Martin Danford

08h20 – 11h30  Training: Radial forearm free flap
Martin Danford and Bhavin Visavadia

10h50 – 11h30  TEA

11h30 – 11h50  Lecture: Maxillectomy
Martin Danford and Bhavin Visavadia

11h50 – 12h15  Lecture: Maxillectomy reconstruction options using ALT free flaps
and radial forearm
Martin Danford and Bhavin Visavadia

12h15 – 13h00  LUNCH

13h00 – 13h20  Lecture: Maxillectomy reconstruction using Osseo-integrated implants
Greg Boyes-Varley

13h20 – 13h50  Lecture and product information: Advances in Implantology
Graham Blackbeard (Southern Implants)

13h50 – 14h30  Cadaver Demonstration: Maxillectomy
Martin Danford and Bhavin Visavadia

14h30 – 15h00  Cadaver Demonstration: Zygoma implants into Maxillectomy site
Greg Boyes-Varley

15h00 – 15h30  TEA

Breakaway Groups:

15h30 – 16h45  Cadaver Demonstration: Antero-lateral thigh flap harvest
Martin Danford and Bhavin Visavadia

15h30 – 16h45  Training on Stereolithographic models: Zygoma implants into Maxillectomy site
Greg Boyes-Varley

16h45 – 17h00  DISCUSSION
Programme

Tuesday 12th September 2017

Optional – (Flap course breakaway groups to be held in the old Anatomy dissection hall):
Course 1 additional: Cadaver workshop for SOHND, Parotidectomy and Zygomatic model surgery
Prof John Langdon, Dr Martin Danford, Dr Bhavin Visavadia and Dr Greg Boyes-Varley

Breakaway Groups:

**FLAP GROUPS:**

- **08h00 – 12h00**
  - **Demonstration**
    - SOHND
    - Martin Danford and Bhavin Visavadia

- **09h30 – 10h00**
  - **TEA**

- **08h00 – 12h00**
  - **Demonstration**
    - Parotidectomy
    - John Langdon

**IMPLANT GROUPS:**

- **08h00 – 08h30**
  - **Lecture and product information**
    - Advances in Implantology
    - Graham Blackbeard (Southern Implants)

- **08h30 – 09h00**
  - **Lecture**
    - Maxillectomy reconstruction using Osseo-integrated implants
    - Greg Boyes-Varley

- **09h30 – 10h00**
  - **TEA**

- **09h00 – 12h00**
  - **Training on Stereolithographic models**
    - Zygoma implants into Maxillectomy site
    - Greg Boyes-Varley
Programme

Tuesday 12th September 2017

Course 2: Orthognathic Surgery Masterclass

07h45 – 08h00  Registration

08h00 – 08h10  Welcome and Organisation
                Jean Morkel

08h10 – 09h30  Lecture
                Surgical technique BSS; Surgical technique Le Fort I; “Tips and traps”
                Johan Reyneke and Steven Sullivan

10h00 – 13h00  Cadaver operative surgery
                Surgical techniques
                Johan Reyneke, Steven Sullivan and Gabriele Millesi

13h00 – 14h00  LUNCH

14h00 – 14h45  Lecture
                Surgical techniques Genioplasty
                Johan Reyneke, Steven Sullivan and Gabriele Millesi

14h45 – 16h30  Cadaver operative surgery
                Surgical techniques
                Johan Reyneke, Steven Sullivan and Gabriele Millesi

14h45 – 17h00  Cadaver operative surgery (cont.)
                Surgical techniques
                Johan Reyneke, Steven Sullivan and Gabriele Millesi

17h00 – 17h30  DISCUSSION
2017 SASMFOS Masterclass in Orthognathic Surgery Congress Programme

Wednesday 13 September 2017

07h15 – 10h15 Executive committee of SASMFOS meeting

08h30 – 10h30 Registration

10h30 – 11h15 Opening ceremony

CHAIR GREG BOYES-VARLEY

11h15 – 12h15 The History of Jaw Surgery from 1974 to Present
G. William Arnett (60)

12h15 – 13h00 Cone Beam Computed Tomography for Superior Diagnosis and Treatment Planning and Active Therapeutic Treatment In Digital Orthodontics w/ SureSmile
Ed Lin (45)

13h00 – 14h00 LUNCH

CHAIR WYNAND VAN DER LINDEN

14h00 – 14h45 Creating Facial Harmony by Addressing Balance, Projection and Symmetry
Timothy Turvey (45)

14h45 – 15h30 Patient matched facial implants
Johan Reyneke (45)

15h30 – 16h15 Segmentation of the maxilla to enhance fit, finishing and esthetics
Steven Sullivan (45)

16h15 – 16h45 COFFEE & TEA

CHAIR ALBERT VAN DER WESTHUIJZEN

16h45 – 17h30 Cleft Orthognathic Surgery: Historical Perspective and Current Surgical Results
Jeffrey Posnick (45)

17h30 – 18h15 Sleep Apnea: Identify and Manage the Three Major Areas of Upper Airway Obstruction
Larry Wolford (45)

19h00 – 22h00 COCKTAIL PARTY
Programme

Thursday 14th September 2017

CHAIR  FRIKKIE REDELINGHUYS

08h00 – 08h45  Simultaneous Condylectomy and Orthognathic Surgery for Overgrowth Conditions
               Timothy Turvey (45)

08h45 – 09h30  Considerations for the treatment of Hemi Facial Microsomia –
               Johan Reyneke (45)

09h30 – 10h15  Literature review late mandibular relapse
               G. William Arnett (45)

10h15 – 10h45  COFFEE & TEA

CHAIR  CARLO FERRETTI

10h45 – 12h45  Common TMJ Conditions that Affect Orthognathic Surgery
               Treatment Outcomes
               Larry Wolford (120)

12h45 – 13h45  LUNCH

CHAIR  KURT BÜTOW

13h45 – 14h15  Surgery first in the correction of open bite deformities
               Gabriele Millesi (30)

14h15 – 15h00  Asymmetric Mandibular Excess: Diagnosis and Surgery. Does the
               Mandible Continue to Grow After Orthognathic Correction? –
               Jeffrey Posnick (45)

15h00 – 15h45  Digital Orthodontics/SureSmile and Its Benefit for Orthodontic
               Treatment for Both Surgical and Non-Surgical Cases
               Ed Lin (45)

15h45 – 16h15  COFFEE & TEA

CHAIR  CON MASUREIK

16h15 – 17h00  Airway Considerations in Treatment Planning: Enhancing or
               Mitigating the Effect of Mandibular Movements
               Steven Sullivan (45)

17h00 – 18h00  Surgery First and advanced Surgery in Class II and III cases
               Gabriele Millesi (60)
Programme

Friday 15th September 2017

CHAIR FRITS HOOGENDIJK

08h00 – 08h45 Orthognathic Surgery: Update on Surgical Techniques, Occlusal Plane Alteration, Virtual Surgical Planning
Larry Wolford (45)

08h45 – 09h30 Rhinoplasty from Simple to Complex
Jeffrey Posnick (45)

09h30 – 10h15 Temporary Anchorage Devices (TADs)/Skeletal Anchorage As An Alternative to Orthognathic Surgery for Complex Orthodontic Cases
Ed Lin (45)

10h15 – 10h45 COFFEE & TEA

CHAIR IRENE MUNZHELELE

10h45 – 11h50 3D orientation for improved result
G. William Arnett (65)

11h50 – 12h30 Why surgical sequencing matters: Implications on accuracy
Steven Sullivan (40)

12h30 – 14h00 LUNCH

CHAIR EPHRAIM RIKHOTSO

14h00 – 15h00 Bone Graft Construction of the Cleft Maxilla and Palate
Timothy Turvey (60)

15h00 – 15h45 Surgery first: a critical review of orthodontic and surgical sequencing
Johan Reyneke (45)

15h45 – 16h15 Tea for SASMFOS members

15h45 – 16h30 Formal tea for Non-SASMFOS members

16h15 – 18h30 AGM FOR SASMFOS MEMBERS
Programme

Saturday 16 September 2017

CHAIR  ASHWIN KASSAN

08h00 – 08h45  Midface Advancement in Facial Cleft
               Timothy Turvey (45)

08h45 – 09h30  Orthognathic Surgery Following Misadventures in Facial Trauma
               Surgery
               Timothy Turvey (45)

09h30 – 10h15  Orthodontics for Orthognathic Surgery: Pre and Post Surgical
               Orthodontic Management
               Larry Wolford (45)

10h15 – 11h00  Large Mandibular Advancements without TMJ surgery
               G. William Arnett (45)

11h00 – 11h45  BRUNCH

CHAIR  SUNIL ANIRUTH

11h45 – 12h30  Long Face Jaw Growth Pattern: Airway, Facial Aesthetic, and
               Occlusion Results
               Jeffrey Posnick (45)

12h30 – 13h15  An Update On Intraoral Scanning and 3D Printing In Dentistry for
               Both Orthodontics and Oral Surgery
               Ed Lin (45)

13h15 – 13h55  On The Shoulders of Giants
               Johan Reyneke (35 mins)

13h55 – 14h15  CONGRESS CLOSURE AND PRESENTATION OF GIFTS TO SPEAKERS
Invited Speakers

Mr Bhavin G Visavadia, FRCS(OMFS), FRCS(Eng), FDSRCS(Eng), MMBS(Lond), BDS(Lond)
UK
Bhavin Visavadia works in the Regional Maxillofacial Unit London North West Healthcare, NHS Trust Northwick Park and St Mark’s Hospitals, Watford Road Harrow UK HA1 3UJ
He studied Dentistry at King’s College School of Medicine and Dentistry University of London (1998) and Medicine at King’s College School of Medicine and Dentistry as well.
His higher surgical specialist training was completed at King’s College Hospital, Guy’s Hospital London, Queen Victoria Hospital East Grinstead and the Royal Surrey County Hospital.
Fellow International Association of Oral and Maxillofacial Surgeons; Fellow Royal Society of Medicine; Fellow British Association of Head and Neck Oncologists

Prof John D Langdon FKC, MB, BS, BDS, MDS, PhD(HC), FDSRCS, FMedSci
UK
John Langdon qualified at The London Hospital in 1964. He was appointed consultant surgeon to Queen Mary’s Hospital, Roehampton in in 1977, but moved to King’s College as Senior Lecturer six years later. In 1992 he was appointed Professor of Maxillofacial Surgery and Head of the Division of Maxillofacial Surgery, Oral Radiology, Oral Medicine and Emergency Services. Following the merger of King’s College Medical and Dental Schools with those of Guy’s and St Thomas’ he became Head of Clinical Services and Director of Modernisation and Health Service Delivery in the merged schools.
John was deeply involved in the Royal Colleges of Surgeons of both England and Edinburgh and chaired many college and intercollegiate committees particularly those related to standards in training and examinations. He has been variously President of the Section of Odontology at
Invited Speakers

The Royal Society of Medicine, The British Association of Oral and Maxillofacial Surgeons and was the first maxillofacial surgeon to be elected President of The British Association of Head and Neck Oncologists. He also served on many Regional and National committees for the Department of Health.

His research interests have mainly been related to molecular oncology of head and neck cancers and also salivary gland surgery. He has published more than 160 papers in scientific journals and co-authored four text books and contributed chapters to many others.

Mr Martin H Danford BDS, MBBS, FFD, FRCS
UK
(Consultant Oral & Maxillofacial Surgeon and Head and Neck surgeon - The Royal Surrey County Hospital, Guildford.)
I studied dentistry at Guy's hospital, London. Qualified 1975, and then spent some in general dental practice before returning to oral and maxillofacial surgery at Kings College Hospital London. I studied Medicine at Kings College London, and qualified in 1983. I spent 5 yrs training in general surgery and obtained my FRCS in 1987, working as a general surgeon for 2 yrs in Cheltenham General hospital. I moved to Southampton in 1989, where I trained in ENT for a year before completing my Oral and Maxillofacial surgery training. I was appointed as a Consultant in OMFS at King’s College and St Georges Hospitals London in September 1994, before moving to Guildford in 1998, where I subspecialised in Head and Neck Oncology and Reconstruction.

Professor Johan P. Reyneke BChD, MChD, FCMFOS (SA), PhD
Johan Reyneke qualified as a Maxillofacial and Oral Surgeon at the University of Pretoria in 1979 and has since been in private practise in Johannesburg. He never broke his link with the academics and has been an active part time member of the Department of Maxillofacial and Oral Surgery at the University of Witwatersrand where he received an honorary Professorship in 1990. At the moment he holds three international professorships. He was appointed as Clinical Professor in the Department of Oral and Maxillofacial Surgery at the University of Oklahoma in 2000 and in 2004 also as clinical professor at the University of Florida, Gainesville, U.S.A. Johan is an associate professor in the department of Oral and Maxillofacial Surgery at the University of Monterrey, Mexico and is Director of the Centre for Orthognathic Surgery at the Mediclinic, Cape Town. In 2003 he was awarded the Fellowship in Maxillofacial and Oral Surgery by peer review in the College of Medicine of South Africa and obtained his PhD at the University of Tampere, Finland in March 2006.

Johan has a passion for Orthognathic and Reconstructive facial surgery and has presented
Invited Speakers

numerous courses and lectures on the subject. He has published more than 84 papers in refereed journals and has also written chapters in numerous well-known textbooks on Oral and Maxillofacial surgery. He has published several text books on orthognathic surgery and the Second Edition of his book “Essentials of Orthognathic Surgery” was published in October 2010. A series of International courses, “Orthognathic Surgery – occlusion and beyond” is being presented by him in countries such as Italy, Brazil, Korea, Denmark, Israel, Sweden, Australia, New Zealand, Lithuania, Saudi Arabia, Arabian Emirates and the U.S.A. He was invited to be the keynote speaker on Orthognathic Surgery at the International Association of Oral and Maxillofacial Surgeon in Bangalore, India in 2007 and elected to take part in the “Great Debate” with Professor Peter Ward Booth of the United Kingdom at the conference. In 2013 Johan presented the Presidential lecture at the 21st International Conference of Oral and Maxillofacial Surgeons in Barcelona.

Prof Reyneke was a member of the Executive Committee of the South African Society of Maxillofacial and Oral Surgeons from 1984 to 2000 and served as the President from 1994 to 1998. He served as the President of the College of Maxillofacial and Oral Surgeons of South Africa from 2008 to 2011. He serves on the editorial board of several international journals. He spends his leisure time on art and golf. He is a professor in the department of Maxillofacial and Oral Surgery at the University of the Western Cape and has performed more than 8700 orthognathic surgical procedures over the last 37 years.

Dr Jeffrey C. Posnick DMD, MD

Educated in both dentistry (Harvard University) and medicine (Vanderbilt University) Dr. Posnick is American board certified in both Oral and Maxillofacial Surgery and Plastic Surgery. His professional appointments include Clinical Professor of Surgery and Pediatrics at Georgetown University in Washington, DC. Clinical Professor of Orthodontics at University of Maryland, School of Dentistry, Baltimore, Maryland and Adjunct Professor of Oral and Maxillofacial Surgery, Howard University College of Dentistry, Washington, DC.

Dr. Posnick has lectured around the world and authored more than 250 medical journal articles and book chapter. His earlier two volume textbook, published by W.B. Saunders, Craniofacial and Maxillofacial Surgery in Children and Young Adults, is considered an authoritative reference. His current comprehensive two volume textbook Orthognathic Surgery: Principles and Practice published by Elsevier, captures the latest thinking for the evaluation and treatment of all aspects of dentofacial deformities. Dr. Posnick conducts an active clinical practice and serves as director of the Posnick Center for Facial Plastic Surgery in Chevy Chase, Maryland.
Invited Speakers

Dr. Larry M. Wolford DMD
Dr. Larry Wolford is a Clinical Professor in the Departments of Oral and Maxillofacial Surgery and Orthodontics at Texas A&M University College of Dentistry, and in full time private practice at Baylor University Medical Center, Dallas, Texas. He has been involved in resident training and education at these institutions for 33 years. He has co-authored two text books, written 35 book chapters for other books, has over 190 other publications, and over 150 published scientific abstracts. He has received the William J. Gies Award and the W. Harry Archer Award (two of the highest awards in Oral and Maxillofacial Surgery) for major contributions to the specialty. He is internationally known for his expertise in orthognathic surgery, TMJ surgery, and sleep apnea surgery. He has developed many of the surgical techniques, philosophies, and evidence based treatment protocols that are “State of the Art” in these areas.

Dr. Ed Lin DDS, MS
Dr. Ed Lin is one of two partners at Orthodontic Specialists of Green Bay (OSGB). He is also one of two partners at Apple Creek Orthodontics of Appleton (ACOA). Dr. Lin received both his dental (DDS) and orthodontic (MS) degrees from Northwestern University Dental School. OSGB and ACOA are both completely digital practices and have been utilizing intraoral scanning and SureSmile since February of 2004 at three different practice locations for labial, lingual, and aligner treatments. Both practices have been involved with cone beam computer tomography (CBCT) with the iCAT since 2005. In-House 3D printing has also been incorporated since 2014 as both practices are making the transition to impressionless orthodontics. Dr Lin is an internationally recognized speaker (US, Canada, Latin America, Australia, and China), has written several articles that have been published in a wide variety of dental journals, and has lectured at several orthodontic residency programs across the world. He is a Faculty and Clinical Advisory Board Member for SureSmile. He also sits on the Clinical Advisory Boards for American Orthodontics and Imaging Sciences International, is a member of the American Association of Orthodontist’s Committee on Technology, and is on the Editorial Board of OrthoTown and Orthodontic Practice journals. Dr Lin’s passion for both orthodontics and technology has allowed him to integrate them into his clinical practices in his pursuit of clinical excellence.

Dr. G. William Arnett DDS, FACD
Dr. Arnett graduated with honors from the University of Southern California (USC) Dental School and the University of California at Los Angeles (UCLA) in oral and maxillofacial surgery. His practice focuses on facial reconstruction, including surgery and research. He is a prominent international speaker and has authored numerous papers on all aspects of Orthognathic surgery. He co-
Invited Speakers

authored Facial and Dental Planning for Orthodontists and Oral Surgeons with Dr. Richard McLaughlin.

Dr. Arnett is currently an Assistant Professor in the Department of Orthodontics at Loma Linda University; a Clinical Assistant Professor at USC; a Senior Lecturer in Oral and Maxillofacial Surgery at UCLA; a Clinical Professor in the Department of Oral and Maxillofacial Surgery at the University of Texas Health Science Center at San Antonio; and a visiting professor at the Universidad del Desarrollo School of Dentistry in Santiago, Chile.

Dr. Timothy A Turvey DDS

Dr. Timothy A Turvey is Professor and Chairman of the Department of Oral and Maxillofacial Surgery at the University of North Carolina, Chapel Hill, North Carolina, U.S.A. He received a Bachelor of Science degree from Villanova University and a DDS degree from Columbia University School of Dental Medicine. He completed residency in Oral and Maxillofacial Surgery at the University of Texas Southwestern Health Science Center at Dallas (Parkland Memorial Hospital and affiliates).

Dr. Turvey is American Board certified in Oral and Maxillofacial Surgery, is a fellow of the American Academy of Cosmetic Surgery, and is a founding member of the American Academy of Cranio-maxillofacial Surgery and an associate member of the European Association of Cranio-maxillofacial Surgeons. He is also a Fellow of the American College of Surgeons.

Dr. Turvey is a frequent contributor to the literature and has presented at numerous national and international conferences in more than 35 countries on 6 continents. He is also the author of several text books including Facial Clefts and Craniosynostosis as well as the 2nd Edition of Oral and Maxillofacial Surgery by Fonseca, Marciani and Turvey. Dr. Turvey has been the surgeon investigator on a federally funded grant for than 35 years, studying long term stability of orthognathic surgery and has published more than 100 peer reviewed articles on these topics.

Dr. Turvey is the recipient of multiple honors and awards including the AAOMS Donald Osbon Educators Award, the William Gies Award for outstanding contributions to Oral and Maxillofacial Surgery, the Southeastern Society of Oral and Maxillofacial Surgeons Outstanding Educators Award, the Research Award from the AAOMS Foundation and the John Brauer Award for Distinguished Service from the UNC School of Dentistry.

Dr. Gabriele Millesi M.D., D.M.D.

1987 Graduation from Medical School, University of Innsbruck
1987 Visit of the Studio City Dental Group, North Hollywood, Los Angeles.
1987 – 1994 Residency in Oral and Maxillofacial Surgery at the Dept. of Cranio,- Maxillofacial Surgery, Medical University Vienna (Head: Prof. Dr. S.
Invited Speakers

Wunderer und Prof. DDr. R. Ewers).
1992 Graduation from Dental School, Medical University Vienna (Head: Prof. Dr. R. Slavicek).
1995 Visit of the Division of Plastic Surgery, (Prof. Ralph Millard), University of Miami, School of Medicine, Florida.
1995 Visit of the Plastic and Reconstructive Surgery Unit of the Hospital General “Manuel Gea Gonzales”, (Prof. Fernando Ortiz – Monasterio), Mexico City.
Since 1994 Senior Staff Member of the Dept. of Cranio–Maxillofacial and Oral Surgery, Medical University Vienna.
Since 2004 Assistant Professor of the Dept. of Cranio–Maxillofacial and Oral Surgery, Medical University Vienna (Head: Prof. DDr. Emeka Nkenke).
Main activity: Orthognathic Surgery, Preprosthetic and Oral Surgery.
Author and Co-author of multiple articles in national and international journals (www.millesi.at).
Vice- President Elect, member of the Board of Directors of the International Association of Oral and Maxillofacial Surgery, IAOMS, 2016/7.
Member of the Austrian Association of OMFS.
Organizer of multiple international and national conferences of OMS including the ICOMS 2005 and 4 times an International AO CMF Orthognathic Symposium in Vienna.

Dr. Steven Sullivan DDS
Dr. Sullivan is a graduate of Baylor College of Dentistry and the University of Oklahoma Oral and Maxillofacial Surgery Training Program. He has completed training at the West of Scotland Plastic and Oral Surgery Unit in Glasgow in addition to fellowship at the Royal Children’s Hospital in Melbourne, Australia.

Dr. Sullivan has been chairman of the Department of Oral and Maxillofacial Surgery at the University of Oklahoma since 1992. He has served on the examination committee as well as co-chairing surgical sections on the American Board of Oral and Maxillofacial Surgery. He was recently inducted into the American College of Surgeons as part of a select group of single-degree oral and maxillofacial surgeons.

Dr. Sullivan’s area of practice is orthognathic surgery and temporomandibular joint reconstruction. His research interests include accuracy of virtual surgical planning and airway effects utilizing rotational movements of the maxillomandibular complex.
1. **Calcifying Cystic Odontogenic Tumour and Dentinogenic Ghost Cell Tumour: A 10 Years Retrospective Epidemiological Study in the Singapore Population.**
   Lee AMH*.
   Department of Oral and Maxillofacial Surgery, Singapore General Hospital, National Dental Centre Singapore, Singapore.

2. **Post-traumatic Craniectomy skull defect reconstruction: a case report.**
   Du Preez M*, Rikhotso RE.
   Department of Maxillo-Facial and Oral Surgery, Charlotte Maxeke Johannesburg Academic Hospital, University of the Witwatersrand, Johannesburg, South Africa.

3. **Long-term evaluation of patients with progressive condylar resorption after orthognathic surgery: analysis of 3D CT.**
   Yang HJ*, Hwang SJ.
   Orthognathic Surgery Centre, Seoul National University Dental Hospital, Seoul, Republic of Korea.

4. **A case of hemifacial microsomia treated with genioplasty, polyethylene implants and botulinum toxin.**
   Tükel HC*, Benlidayi ME, Kürkçü M.
   Department of Maxillofacial Surgery, Cukurova University, Faculty of Dentistry, Adana, Turkey.

5. **Postoperative relapse in patients with asymmetric mandibular prognathism; 3D analysis with focus on the rotational changes of proximal segments.**
   Park JB*, Hwang SJ.
   GNATHO OMS Clinic, Seoul National University Dental Hospital, Seoul, Republic of Korea.

6. **Bony interferences at the pterygomaxillary junction during repositioning of the maxilla after Le Fort I osteotomy in relation to mandibular autorotation.**
   Han JJ*, Hwang SJ.
   Department of Oral and Maxillofacial Surgery, School of Dentistry, Dental Science Research Institute, Chonnam National University Hospital, Chonnam National University, Republic of Korea.

7. **Anterior Maxillary Distraction in CLP deformity where Velopharyngeal competence is of concern.**
   Van der Westhuijzen AJ*, Harris A, Botha A.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.
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8. **Facial reconstruction with a DMLS titanium prosthesis following resection of a chondrosarcoma.**
   Louw J*, Hoek K, Hoek W.
   Department of Maxillo-Facial and Oral Surgery, KHC, Department of Health, Kimberley, South Africa.

9. **Lacrimal Gland Pleomorphic Adenoma.**
   Govender N*, Van Niekerk C.
   Department of Maxillo-Facial and Oral Surgery, Pelonomi Tertiary Hospital, Bloemfontein, South Africa.

10. **Carcinoma Ex Pleomorphic Adenoma of a longstanding submandibular gland benign neoplasm.**
    Govender N*, Van Niekerk C.
    Department of Maxillo-Facial and Oral Surgery, Pelonomi Tertiary Hospital, Bloemfontein, South Africa.

11. **Atypical Trigeminal Neuralgia associated with a metastatic Small Cell Lung Carcinoma.**
    Govender N*, Van Niekerk C.
    Department of Maxillo-Facial and Oral Surgery, Pelonomi Tertiary Hospital, Bloemfontein, South Africa.

12. **Pharyngeal volumetric changes and AHI reduction after MMA in OSA patients: CT and PSG evaluation in 25 patients.**
    Faria AC*, Xavier SP, de Mello-Filho FV.
    Department of Ophthalmology, Otorhinolaryngology and Head and Neck Surgery, Faculty of Medicine of Ribeirão Preto, University of Sao Paulo, Ribeirão Preto SP, Brazil.

    Gounden T*, Mahomed N, Mdlalose L, Rughubar V.
    Department of Maxillo-Facial and Oral Surgery, Inkosi Albert Luthuli Central Hospital, Brindhaven Verulam, South Africa.

14. **Craniofacial Implants for Auricular Prosthesis.**
    Govender N*, Van Niekerk C, Brand N.
    Department of Maxillo-Facial and Oral Surgery, Pelonomi Tertiary Hospital, Bloemfontein, South Africa.
Hira PG*, Rikhotso RE.
Department of Maxillo-Facial and Oral Surgery, Charlotte Maxeke Johannesburg Academic Hospital, University of the Witwatersrand, Johannesburg, South Africa.

16. Interim intermaxillary Fixation with Intraoral Plates and Screws.
Hira PG*, Mabongo M, Nokaneng EN.
Department of Maxillo-Facial and Oral Surgery, Charlotte Maxeke Johannesburg Academic Hospital, University of the Witwatersrand, Johannesburg, South Africa.

17. Spindle-cell Sarcoma of the mandible.
Gaffar A*.
Pelonomi Tertiary Hospital, Department of Health, Free State Province.

18. Facial Pain associated with Metastases to the Base of the Skull.
Gaffar A*, Mahomed N.
Dental Clinic. Galeshewe Day Hospital, Kimberley, South Africa.

19. Stability of orthognathic surgery using isolated Le Fort I osteotomy combined with mandibular autorotation in risk patients for postoperative condylar resorption.
Joh Y*, Yang HJ, Hwang S-J.
Department of Oral and Maxillofacial Surgery, Seoul National University Dental Hospital, Seoul National University, Seoul, Republic of Korea.

Chokoe N*, Mabongo M, Ngwenya SP.
Department of Maxillo-Facial and Oral Surgery, Chris Hani Baragwanath Academic Hospital, University of the Witwatersrand, Johannesburg, South Africa.

21. Moveable miniplate on demand by muscle force after mandibular orthognathic surgery; A newly developed miniplate to reduce relapse and to optimize condylar position after SSRO.
Hwang SJ*
Center for Orthognathic Surgery, Seoul National University Dental Hospital, Seoul, Republic of Korea.
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22. **Novel technique for aesthetic correction of maxillary protrusion: Surgical alternative.**
   León NJ*, Pereira AJ, Peserico PE, Mercado JE.
   Atrium Group of Oral and Maxillofacial Surgery (Private Practice), Vizcaya Professional Center, Caracas, Venezuela.

23. **Zygomatico-coronoid ankylosis: a case report.**
   Rikhotso RE*, Nkonyane M.
   Department of Maxillo-Facial and Oral Surgery, Chris Hani Baragwanath Academic Hospital, University of the Witwatersrand, Johannesburg, South Africa.

24. **Midface distraction osteogenesis in infants: modified technique.**
   Morkel JA*, Graewe F.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

25. **Oral manifestations of Tertiary Syphilis: a case report.**
   Titinchi F*, Morkel JA.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

26. **Combination Surgery for Binder Syndrome.**
   Dangor Z*, Reyneke JP, Morkel JA.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

27. **Oro-antral fistulas secondarily to substance abuse: a case report.**
   Douglas-Jones M*.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

28. **Gardner Syndrome: case report.**
   Raffner E*, Morkel JA, Boyes-Varley G.
   Department of Surgery, Tembisa Provincial Tertiary Hospital, Gauteng.

29. **Metastatic disease presenting as intractable facial pain.**
   Pedro K*, Morkel JA.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.
30. **Metastatic Ameloblastoma: case report.**
   Jonsson P*.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

31. **Subdural empyema: a case report.**
   Barnard N*, Kuhn J.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

32. **Congenital Epulis: a case report.**
   Ranchod S*, Mohamed A, Morkel JA.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

33. **Osteoma of the Condyle: a case report.**
   Ostrofsky M*, Morkel JA, Titinchii F, Dashti M.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.

34. **Gunshot injuries of the face at Groote Schuur Hospital.**
   Mhlanga G*, Hein G, Dashti M, Morkel JA.
   Department of Maxillo-Facial and Oral Surgery, Faculty of Dentistry, University of the Western Cape, South Africa.