The South African Society of Maxillo-Facial and Oral Surgeons

2013 Annual Congress

Friday 30th August – Sunday 1st September 2013
Mount Grace Country House and Conference Centre
Magaliesburg, Gauteng
Sponsors
A warm welcome to all congress delegates to the SASMFOS meeting at the Mount Grace Country House and Conference Centre in the beautiful Magaliesberg region.

As always, it is an honour to host our colleagues at our annual congress, which will again provide an opportunity to exchange ideas and experiences. We also owe a special welcome to the international speakers and lecturers at both the Pre-Congress Workshop and our Congress.

The local organising committee have arranged an intense, compact program with an array of topics. We await the Pre-Congress Workshop with eager anticipation, as this will be the first of its kind to address the expansion of our specialty’s scope of practice regarding reconstructive surgery. In particular, the involvement of our South African colleague practising abroad is noted with appreciation. The Congress will offer a range of topics, including Cranio-facial reconstruction, Implantology, Tissue-engineering, Cranio-facial traumatology, Orthognathic surgery and ethics. We trust that the topics will be of interest to surgeons who focus their practices on these specific fields.

The social program of any conference is no less important. The opportunity which these occasions provide to renew and create friendships within the profession is invaluable. Pecanwood Golf Club has hosted national and international tournaments and our golfers can expect a tough, sandy encounter, while the Askari Private Game Reserve will offer an exciting Big 5 experience. We also hope that you will have some time to explore and discover the beautiful Magaliesberg Region.

It is my sincere hope that you will all leave Mount Grace with a sense that you have learned something new, made and enhanced friendships, and above all, had some fun. Enjoy the congress.

Frikkie Redelinghuys
President: SASMFOS
Message from the 2013 Pre-Congress Cadaver Workshop Conveners

It is a great pleasure to extend a warm welcome to each and every colleague attending the first SASMFOS Pre-Congress Cadaver Workshop in Cape Town from 26 to 28 August 2013.

The venue will be the Anatomy Facility at the Tygerberg Medical Campus of the University of Stellenbosch which is currently under the leadership of Prof Ben Page. At present this facility is the only centre in South Africa equipped to cater for our workshop needs.

The workshop faculty will include respected international maxillofacial and oral surgeons, Prof Dennis Rohner (the course chairman from Switzerland), Dr Marius Bredell (Switzerland), Dr Martin Danford (UK), as well as our own national maxillofacial prosthodontics guru, Prof Dale Howes.

It is part of the SASMFOS mission to expose our members to frontiers of Maxillo-Facial Surgery that are not routinely practiced in South Africa. We thus hope that this workshop will be the first of many as we expand our efforts to foster enthusiasm and transfer skills to aspirant trainees, current trainees and peers.

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

May we wish you all an enjoyable and fruitful three days at our inaugural Pre-Congress Cadaver Workshop in Cape Town.

Yours truly
Jean Morkel and Greg Boyes-Varley
2013 Pre-Congress workshop Conveners
Message from the Scientific Committee

Dear Colleagues

The Scientific committee extends a warm welcome to the annual SASMFOS congress 2013! We are honoured to host international speakers of the calibre of Dennis Rohner, Ed Bedrossian, Peter Kessler and Waldemar Polido who will impart their knowledge and experience to us. Our eminent colleagues Russel Lurie, Johan Reyneke and Jean Morkel will join them in ensuring that the academic content of the meeting will cover a broad spectrum of topics. Mr Howard Snoyman will inspire our ethical practice whilst Jacques Beukes co-ordinates the Poster presentations to round-off the proceedings.

Our thanks to the Organizing committee especially Jolandi from On Screen Conferences for assisting us with the arrangements, and to all the session chairpersons for their contributions in facilitating the lectures. The engineers who provide all the technical assistance are highly appreciated.

We trust that everyone will experience at least one valuable “take home message” and that an enriching time would be had by all!

With best wishes

Wynand van der Linden
Scientific Committee chairman
Message from the 2013 Congress Convener

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 first pre-congress cadaver workshop in Maxillo-Facial Surgery in South Africa.

The 2013 Congress is a congress with true international flavour and we welcome Dr Kishore Nayak, President of IAOMS, back to South Africa to join us for our congress. We also extend greetings to those friends and colleagues who have come from overseas to lecture to us and share their their experiences and knowledge with us. The Annual SASMFOS meetings have become known for their quality and this year promises to be no exception with the excellent array of overseas speakers, each an expert in their respective fields. We welcome Dennis Rohner, Martin Danford, Marius Bredell, Edmond Bedrossian, Peter Kessler and Waldemar Polido to our country and trust that you enjoy your stay with us.

No congress is ever successful without the hard work and support of the organizing committee, who worked tirelessly to bring you an excellent academic programme and a social programme to be rivalled in any of the top cities in the world. A huge vote of thanks must go to the organising committee- Tom Cason, Jean Morkel, Ephraim Rikhotso and Wynand van der Linden for all their hard work in bringing this congress to Cape Town and Mount Grace. It has been my privilege to work closely with my co-committee members and we have made every endeavour to bring you an enriching congress and pre-congress workshop.

This congress will no doubt be remembered for the introduction of a pre-congress cadaver workshop in Cape Town as well as the main congress at Mount Grace. The challenge to organise such a week of academic teaching in two cities and different venues has been accomplished with the hard work and collaboration of the congress committee and the outstanding support and sponsorship from our trade partners. The SASMFOS community and the organizing Committee of the 2013 Maxillo-Facial congress would like to express its sincere appreciation to Mediclinic, Southern Implants, ASM Consultants, KLS Martin/SA Biomedical and Omnimed (Stryker/Leibinger) and Nobel Biocare for their very generous sponsorship of the overseas speakers and for bringing this congress week to fruition.
Acknowledgements

The organizing Committee of the 2013 Maxillo-Facial congress would like to express its sincere appreciation to the following for their support, sponsorship and contributions:

- Mediclinic for their sponsorship of Dennis Rohner
- Southern Implants for their sponsorship of Martin Danford and Marius Bredell
- KLS Martin/KLS Martin for their sponsorship of Peter Kessler
- ASM/Straumann consultants for their sponsorship of Waldemar Polido
- Omnimed SA (Stryker/Leibinger) for their sponsorship of the pre-congress workshop
- Nobel Biocare for their sponsorship of Edmond Bedrossian
- OnScreen for their organizational and secretarial expertise
- All the traders who have given time to attend and exhibit at our congress

We look forward to see in you all in both Cape Town and Mount Grace

Greg Boyes-Varley
2013 Congress Convener
Message to Our Exhibitors

On behalf of the South African Society of Maxillo-Facial and Oral Surgeons I would like to extend a warm welcome to our exhibitors at this year’s Congress. It would be impossible to host such a congress without the support we get from our trading fraternity.

Many of the traders have been involved with our Society and Congresses for a good number of years and as such they are indeed considered valuable friends. This year is no exception and we therefore extend sincere thanks and appreciation to our friends in the trade and assure them that their on-going support is truly and duly noted and appreciated.

The support we get is in many forms and may not be so obvious – a lot goes on behind the scenes in arranging such an event so we say a special thanks to those companies who have gone the extra mile with sponsorship of various items and events at the 2013 Congress.

In turn an appeal is made to the delegates to take the time to visit the exhibition and meet the traders, our friends and colleagues. This is to the mutual benefit of ourselves, the trade and of course, ultimately – our patients.

The special relationship that we as a society and individuals enjoy with our traders is a unique privilege that few of the larger specialties have.

Enjoy the Congress and we look forward to cementing new bonds and rekindling old friendships.

Acknowledgements:
The Organising Committee of the 2013 Maxillo-Facial Congress would like to express its sincere appreciation to the following for their support, sponsorship and contributions.

- Selective Surgical for their sponsorship towards the cocktail party and golf
- iNova Pharmaceutical for their continued support with recipe books
- Synthes for their sponsorship of the congress dinner
- ISS for their sponsorship of congress stationary and golf
- Southern Implants for their sponsorship of congress bags
- Zenith Surgical for their sponsorship towards the cocktail party
- Nedbank for golf sponsorship
- Muelmed Mediclinic for golf sponsorship
- Curamed Day Clinics for golf sponsorship
- Unitas Netcare for golf sponsorship

We look forward to seeing you all in both Cape Town and Mount Grace.

Tom Cason
2013 Congress Traders’ Committee
1st Surgical Facial Access and Flap Course

Pre-Congress Cadaver Workshop

Monday 26th – Wednesday 28th August 2013

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

COURSE FACULTY

Course Chairman:
Dennis Rohner: Assoc. Professor: Senior Consultant, Craniofacial Center, Hirslanden Medicla Center, Aarau, Switzerland

Local Co-Chairmen:
Jean Morkel: Professor and Head of Department of Maxillo-Facial and Oral Surgery, University of Western Cape.
Greg Boyes-Varley: Senior Lecturer, Department of Maxillo-Facial and Oral Surgery, University of the Witwatersrand.

International Faculty:
Marius Bredell: Senior Consultant, Dept for Maxillofacial Surgery, University Hospital Zurich, Switzerland
Martin Danford: Senior Consultant, Nuffield Hospital Guildford, Surrey, U Kingdom

Prosthodontic Faculty:
Dale Howes: Adj Professor, Department of Prosthodontics, University of the Witwatersrand
## Programme

### Monday 26th August 2013

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<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
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<tr>
<td>07h30 – 07h45</td>
<td>Registration</td>
<td>(Department of Anatomy, University of Stellenbosch)</td>
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<tr>
<td>07h45 – 08h15</td>
<td>Welcome and Organisation</td>
<td>Jean Morkel, Greg Boyes-Varley, Dennis Rohner</td>
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<tr>
<td>08h15 – 09h00</td>
<td>Lecture, Tracheotomy, submental intubation, Submandibular approach, Access to TMJ</td>
<td>Dennis Rohner, Marius Bredell</td>
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<tr>
<td>09h00 – 11h00</td>
<td>Training, Tracheotomy, submental intubation, Submandibular approach, Access to TMJ</td>
<td>Dennis Rohner, Marius Bredell</td>
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<tr>
<td>11h00 – 11h45</td>
<td>Lecture, Neck Access, SOHND, Reconstruction mandibular defects</td>
<td>Martin Danford, Dennis Rohner</td>
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<tr>
<td>11h45 – 12h45</td>
<td>LUNCH</td>
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<tr>
<td>12h45 – 15h00</td>
<td>Training, Neck Access, SOHND, Resection “mandibular tumor”, Reconstruction mandibular defect, 2.4mm plate</td>
<td>Martin Danford, Dennis Rohner</td>
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<tr>
<td>15h00 – 15h30</td>
<td>Lecture, Fibula free flap</td>
<td>Dennis Rohner</td>
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<td>15h30 – 15h50</td>
<td>COFFEE - BREAK</td>
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<tr>
<td>15h50 – 17h50</td>
<td>Training, Fibula free flap</td>
<td>Dennis Rohner</td>
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<tr>
<td>17h50 – 18h30</td>
<td>Discussion</td>
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<td>End of Day 1</td>
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## Programme

**Tuesday 27th August 2013**

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<tr>
<th>Time</th>
<th>Activity</th>
<th>Facilitator</th>
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<tr>
<td>08h00 – 08h45</td>
<td>Lecture</td>
<td>Marius Bredell</td>
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<td></td>
<td><em>Radial forearm free flap</em></td>
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<tr>
<td>08h45 – 10h30</td>
<td>Training</td>
<td>Marius Bredell</td>
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<td></td>
<td><em>Radial forearm free flap</em></td>
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<td>10h30 – 11h00</td>
<td><strong>COFFEE - BREAK</strong></td>
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<tr>
<td>11h00 – 11h45</td>
<td>Lecture</td>
<td>Dennis Rohner</td>
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<td><em>Coronal approach to zygoma</em></td>
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<td><em>Temporalis muscle flap</em></td>
<td>Martin Danford</td>
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<td><em>Pectoralis major flap</em></td>
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<tr>
<td>11h45 – 12h45</td>
<td>Training</td>
<td>Dennis Rohner</td>
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<td><em>Coronal approach to zygoma</em></td>
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<td><em>Temporalis muscle flap</em></td>
<td>Dennis Rohner</td>
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<tr>
<td>12h45 – 13h45</td>
<td><strong>LUNCH</strong></td>
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<tr>
<td>13h45 – 14h30</td>
<td>Training</td>
<td>Martin Danford</td>
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<td><em>Pectoralis major flap</em></td>
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<tr>
<td>14h30 – 15h15</td>
<td>Lecture</td>
<td>Marius Bredell</td>
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<td><em>Latissimus dorsi free flap</em></td>
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<td><em>Vein grafting</em></td>
<td>Marius Bredell</td>
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<td></td>
<td><em>Postoperative management</em></td>
<td>Martin Danford</td>
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<td><em>Complication</em></td>
<td>Martin Danford</td>
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<tr>
<td>15h15 – 17h15</td>
<td>Training</td>
<td>Marius Bredell</td>
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<td></td>
<td><em>Latissimus dorsi free flap</em></td>
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<tr>
<td>17h15 – 18h00</td>
<td><strong>DISCUSSION</strong></td>
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<td>19h00 - late</td>
<td>Workshop dinner at Protea Hotel Durbanville</td>
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End of Day 2
Programme

Wednesday 28th August 2013

COURSE SUMMARY

07h30 – 09h30  Training  
Fibula flap  
Dennis Rohner  
Marius Bredell  
Martin Danford

09h30 – 11h30  Training  
Radial forearm free flap  
Dennis Rohner  
Marius Bredell  
Martin Danford

11h30 – 12h30  LUNCH

12h30 – 14h30  Lecture  
Digital planning  
Prosthetic aspects  
Dale Howes

14h30 – 16h00  Training  
Digital planning  
Prosthetic aspects  
“Finite element analysis of implants placed into fibulas”  
Presented by Southern Implants  
Dale Howes

16h00 – 17h00  COFFEE & DISCUSSION

End of Course
Programme

Thursday 29th August 2013

PRE CONGRESS SPORT and LEISURE AFTERNOON

Afternoon Golf and Pecanwood, leisure sport at Mount Grace and game drives at Askari Private Game Reserve

Friday 30th August 2013

11h30 – 13h55  REGISTRATION of congress delegates
12h30 – 13h55  Welcome lunch will be served to congress delegates in the trade hall
13h55 Opening of the SASMFOS Congress by:
Dr Frikkie Redelinghuys (SASM FOS President)

SESSION 1  Chairperson: Prof Jean Morkel
Theme: Cranio-facial  Reconstruction, Implantology and tissue engineering

14h00 – 15h00  Principles of microvascular free tissue transfer combined with implantology in Craniofacial Reconstruction: The Rohner Technique…
Dr Dennis Rohner
(Craniofacial Centre Hirslanden Mediclinic, Aarau, Switzerland)

15h00 – 16h30  Treatment planning for the edentulous maxilla and biomechanics of the fixed prosthesis in the maxilla
Prof Edmond Bedrossian
(University of the Pacific, Arthur Dugoni School of Dentistry)

16h30 – 17h00  TEA

SESSION 2  Chairperson: Dr Greg Boyes-Varley
Theme: Implantology, Tissue  Engineering and Ethics

17h00 – 19h00  • Fixed bridges vs Hybrids in the maxilla- Biomechanics and indications of the Zygoma implant
• Management of complications using the tilted implant concept
• Management of complications in treatment planning in the maxilla- intraop and post op
Prof Edmond Bedrossian
(University of the Pacific, Arthur Dugoni School of Dentistry)

19h00 – 19h30  Ethics and colleague interaction - surgery on the African continent
Dr John Fisher (Immediate past president of SASMFOS and President: African Association of Maxillo-facial and Oral Surgeons)

19h30 – 22h00  Supper with the SASMFOS traders
Programme

Saturday 31st August 2013

SESSION 1  Chairpersons: Dr Douglas Beere and Dr Suvir Singh
Theme: Orthognathic Surgery and Cranio-Facial Traumatology

07h30 – 08h30  Complications in Orthognathic Surgery
Prof J Reyneke  (University of Oklahoma)

08h30 – 10h00  Current Concepts in Cranio-Facial Trauma and its clinical implications
Prof Peter Kessler  (Netherlands)

10h00 – 10h30  TEA

SESSION 2  Chairperson: Prof Kurt Butow
Theme: Cranio-Facial Traumatology

10h30 – 12h30  Current Concepts in Cranio-Facial Trauma and its clinical implications
Prof Peter Kessler  (Netherlands)

12h30 – 13h30  LUNCH
(Committee of Academic Heads Meeting: 12h30-13h30- working lunch meeting)

SESSION 3  Chairperson: Dr Wynand van der Linden
Theme: ITI Research and clinical symposium

13h30 – 15h30  • Tissue Stability around implants
• Diameter reduced implants
Dr Waldemar Polido  (ITI Education Committee, Brazil)

15h30 – 16h00  TEA

SESSION 4  Chairperson: Dr John Fisher
Theme: ITI Research and clinical symposium

16h00 – 18h00  • 3D Facial planning and the Dolphin System
• Use of Rigid Orthodontic Anchorage
Dr Waldemar Polido  (ITI Education Committee, Brazil)

18h00  College of Maxillo-Facial Surgeons Council Meeting (CMFOS)

19h30 till late  Gala Dinner: Mount Grace hotel
Programme

Sunday 1st September 2013

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<th>Chairpersons: Annual General Meeting of SASMFOS SASMFOS AGM</th>
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<tr>
<td>07h30 – 09h30</td>
<td>SASMFOS AGM (Restricted to SASMFOS Members)</td>
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<td>09h30 – 10h00</td>
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<th>SESSION 2</th>
<th>Chairperson: Dr Frikkie Redelinghuys Medico-legal pitfalls and colleague interaction and Tissue engineering</th>
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| 10h00 – 11h00 | Impact of Bisphosphonates and Osteonecrosis of the Jaws in South Africa  
Prof R Lurie |
| 11h00 – 12h00 | The Practical application of Bioethics and Law  
Howard Snoyman  
(Associate and expert in Bioethics and Health Law) |
| 12h00 – 13h00 | Medico-Legal Pitfalls  
Prof Jean Morkel  (University of UWC) |
| 13h00 – 13h05 | Formal Closure: Dr Frikkie Redelinghuys |
Invited Speakers

Mr Martin H Danford BDS, MBBS, FFD, FRCS
(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 time 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.

Associate Professor Dennis Rohner MD, DMD

Dennis Rohner completed the Dental and Medical Board examinations in 1985 and 1990, respectively. He has been trained in Hand surgery, General Surgery and Orthopaedic Surgery before Maxillofacial Surgery. He spent 1 year as Research Fellow in Singapore (Plastic Surgery, Singapore General Hospital). He completed his training in Maxillofacial and Reconstructive Surgery at the University Hospital in Basel (Prof. Prein) in 1999. In 2005 he completed his master thesis (“Prefabrication of free vascular flaps”) and was subsequently appointed as an Associate Professor at the University of Basel. He is a senior consultant in the Craniofacial Center, where he practices since 2003. He is a Faculty Member of AO International. He has widely lectured and published internationally.

Complex Maxillofacial Reconstruction:
From Pedicled Flaps to the Prefabricated Fibula Rohner Technique

Abstract: Tumor, trauma and malformation in the head and neck area may lead to maxillofacial defects with functional impairment and esthetic disfigurement. The reconstruction using dental implants in combination with the occlusal driven planning promises a high success rate with satisfied patients. The use of pedicled or free vascularized flaps allow for an adequate rehabilitation of soft tissue and bone structures. The combination of newer surgical techniques, modern medical devices, such as virtual planning using CAD/CAM systems, and well-proven dental implants is the key to a predictable outcome. Based on a series of patients the different techniques, including the Rohner technique, strategies and pitfalls are shown in order to open the mind to a broader understanding of not only patients’ desires but also their destinies.

Dr Marius Bredell

Marius Bredell was born in South Africa and obtained his B.Ch.D degree in dentistry in 1985 at the University of Stellenbosch with an honours degree in Oral Pathology in 1988. At the University of Pretoria he obtained his Maxillofacial Surgery specialisation degree in 1994 and in 1995 he completed his medical studies (M.B.Ch.B). After spending 4 Years in a full academic consultant position at the University of Pretoria and was in private practice up to August 2006.
During this time he held two part time consultant positions, one at the University of Pretoria and the other at the Medical University of South Africa. In September 2006 he moved to Zürich and joined the Department of Cranio-maxillofacial and Oral Surgery, University Hospital of Zürich and was appointed as senior consultant in 2009 where he heads the Head and Neck Oncology team of the department. Scope of work entails mainly head and neck oncology and reconstruction, including implantology as well as trauma and temporomandibular joint endoscopy and reconstruction. Current fields of interest and research are reconstructive implantology, monitoring cancer and free flap reconstructions on a macroscopic and molecular level via microdialysis, photodynamic therapy, and endoscopic surgery as well as total temporo-mandibular joint reconstruction. He is co-director of a large, multidisciplinary research project on the role of tumor hypoxia in head and neck cancer and coordinator of the certified head and neck oncology centre. He has more than 20 peer review journal publications to his credit, two book chapters and presents papers at both local and international congresses on a regular basis. Apart from being a European faculty member of the AO with regular international lecture duties he organises popular yearly course on surgical facial access and free flap surgery in Zürich. His spare time he spends with his wife and two children, taking regular cycling trips in the Swiss country side.

Prof Dr. Dr. Peter Kessler

Personal data: Name: Prof. Dr. med. Dr. med. dent. Peter Kessler • Born on 20th October 1960 in Nördlingen, Germany

Clinical career:
- 1981-1986 Dentistry at the dental school of the Friedrich-Alexander Universität Erlangen-Nürnberg (FAU)
- 1987-1989 Dental assistant in private praxis Dr. Dr. H Herold in Nürnberg
- 1989-1994 Medicine at the medical school of the Friedrich-Alexander Universität Erlangen-Nürnberg
- 1994-1997 Resident at the Klinik fur Mund-Kiefer-Gesichtschirurgie, Kantonsspital Luzern, Switzerland (Prof. Dr. Dr. N. Hardt)
- 1998-1999 Scientific co-worker at the Klinik und Poliklinik fur Mund-, Kiefer-, Gesichtschirurgie, Friedrich-Alexander Universität Erlangen-Nürnberg (Prof. Dr. Dr. F.W. Neukam)
- 1999 Qualification as specialist for Cranio-Maxillofacial Surgery
- 1999-2001 Specialist at the Klinik und Poliklinik fur Mund-, Kiefer-, Gesichtschirurgie, Friedrich-Alexander Universität Erlangen-Nürnberg (Prof. Dr. Dr. F.W. Neukam)
- 2002-2007 Senior lecturer, vice director at the Klinik und Poliklinik fur Mund-, Kiefer-, Gesichtschirurgie, Friedrich-Alexander Universität Erlangen-Nürnberg (Prof. Dr. Dr. F.W. Neukam)
- 2003 Qualification for plastic surgery
- 2007 Professor and Head of the Department of Cranio-Maxillofacial Surgery, Maastricht University Medical Center (MUMC), Maastricht, The Netherlands

Scientific career:
- 1986 Promotion dr. med. dent; Universität Erlangen-Nürnberg
- 1997 Promotion dr. med.; Universität Erlangen-Nürnberg
- 2001 Habilitartion - PhD; Universität Erlangen-Nürnberg
Invited Speakers

Dr. Edmond Bedrossian
Dr Bedrossian received his dental degree from the University of the Pacific and completed his Oral & Maxillofacial surgery training at Alameda Medical Center in 1990. He is in private practice in San Francisco California. Dr Bedrossian is the Director of Implant Surgical training at the undergraduate campus and at the Oral & maxillofacial Residency Training Program. He has authored numerous articles and textbook chapters on the management of the Zygomatic implant as well as bone grafting techniques and immediate load protocols.

He has lectured internationally with Professor Branemark on the topics of maxillofacial implants, treatment planning implant dentistry, site preparation, as well as the prosthetic management of implants. He is the author of the textbook entitled “Systematic Treatment planning of the edentulous patient” Forwarded by Professor Bränemark.

He is a member of the Board of directors for the Branemark institute and the current President of the Bränemark Foundation North America. Dr Bedrossian is on the Editorial review Board of The International Journal of Oral & Maxillofacial Implants, Journal of Oral & Maxillofacial Surgery as well as Clinical Implant Dentistry and Related Research.

Dr. Waldemar Polido
Dr. Polido is an Oral and Maxillofacial Surgeon, with a Master and Doctor (PhD) degree at the PUC University in Porto Alegre, and Residency in Oral and Maxillofacial Surgery at the University of Texas, Southwestern Medical Center at Dallas, USA (1988-1991). He is registered in the Brazilian Federal Council of Dentistry as specialist in Implant Dentistry. His private practice is dedicated to Orthognathic Surgery and Implant Surgery. His experience with Implant Dentistry comes since 1991, and he was chairman of the Post Graduate Program in Implant Dentistry at ABO-RS from 1997 to 2010. In 2001 he co-authored the book Implantes Dentários - Cirurgia e Prótese, a bestseller book in Brasil, also edited in Spanish (2002). Dr. Polido serves as a Reviewer for the International Journal of Oral and Maxillofacial Surgery, Implant News (Brasil), Dental Press Implantology (Brasil), Dental Press Journal of Orthodontics (Brasil), and Journal of Esthetics (Brasil). He is a Fellow of the ITI - International Team for Implantology, and was Chairman of the Brasil Section from 2008-2010. Now he is a member of the ITI Education Core Group until 2014. He is on staff at the Oral and Maxillofacial Surgery section of the Moinhos de Vento Hospital, where he has organized ITI Study Clubs, lectures, hands-on courses and patient treatment courses, dedicated to his areas of interest, Advanced Implant Surgery and Orthognathic Surgery. His publications are in the field of Orthognathic Surgery and Advanced Implant Treatment, topics that he lectures extensively in Brasil and Latin America.

Tissue stability around implants / Reduced diameter implants
Our presentation will outline the main factors that influence tissue stability around dental implants, and how they affect the clinical outcome. Reduced diameter implants with platform switch internal connection have been proposed to improve aesthetic results, and the characteristics of such implants as they relate to the tissue stability will be presented, based on the current literature and illustrated with clinical situations.
Invited Speakers

3D Facial planning and the Dolphin System / use of Rigid Orthodontic Anchorage

Orthognathic surgery is a traditional way to correct dentofacial deformities. However, 2D imaging is still widely used for the diagnostic and treatment planning, by way of cephalometric analysis and prediction tracing. Our presentation will show a Digital Facial Design approach, combining 2D facial photography, video and 3D CBCT imaging, for a more comprehensive diagnostics and treatment planning. The use of a specific 3D planning software (Dolphin Imaging) will be demonstrated. Clinical cases using this approach will be discussed. The use of rigid orthodontic anchorage (TAD – Temporary Anchorage Devices) will be presented, and the anticipated benefit (surgery first) concept, indications and limitations will be discussed.

Prof Russel Lurie

Prof Russel Lurie is a graduate of the University of the Witwatersrand, Johannesburg. He has been in Private Specialist practice for some 37 years and holds a senior part-time consultant position in the Faculty of Health Sciences of his alma mater.

Prof Lurie is a member of a number of learned Societies, both nationally and internationally. He has lectured and taught throughout South Africa as well as in Canada, Australia, Tunisia, Israel, London, Thailand, the USA and Zimbabwe. He also has publications in refereed journals.

He has served his profession as President of the SA Dental Association (1993-1996) and President of the SA Society of Maxillo-Facial and Oral Surgery. During these years he worked tirelessly to meet the dentopolitical challenges taking place in the Country. He was awarded the Bronze Medal of the SA Dental Association (1998), the Dux Honori Award and the SASMFOS President’s Award in 2002. His enthusiasm for his profession has no boundaries.

Music and singing are his passion. He has produced two CD’s - Timeless Pearls and Sim Shalom … Songs of our People. He is married to Angela; they have two daughters and six grandchildren.

Professor Johan P Reyneke

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 has been appointed as Clinical Professor in the Department of Oral and Maxillofacial Surgery at the University of Oklahoma in 2000 and also in 2004 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 Sunninghill Hospital, Sunninghill. 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 numerous courses
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on the subject. He is very interested in research and has introduced numerous new surgical designs in orthognathic surgery to the profession. He has published more than 64 papers in refereed journals and has also written several chapters in well known text books in Oral and Maxillofacial surgery. In 2002 he was invited as the keynote speaker on Orthognathic Surgery at the American Association of Oral and Maxillofacial Surgery in Boston, USA and for the same association to the Residents Organization Educational Program in Chicago in 2010. He has published several text books on orthognathic surgery and the Second Edition of his book “Essentials of Orthognathic Surgery” was published in 2010. A series of International courses, “Orthognathic Surgery – occlusion and beyond” has been presented by him in countries such as Italy, Spain, 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 at the conference. He is currently serving on the Research Committee of the International Association of Oral and Maxillofacial Surgery.

Prof Reyneke was a member of the Executive Committee of the South African Society of Maxillofacial and Oral Surgeons from 1984 to 1998 and served as the President from 1994 to 1998. He served on the Executive Committee of the College of Maxillofacial and Oral Surgeons of South Africa from 1977 to 2011 and was President of the College from 2008 to 2011. He spends his leisure time on art and golf. He has a busy private practice and has performed more than 7400 orthognathic surgical procedures over the last 30 years.

Howard Snoym an LLB (SA);MSc Med (Bioethics and Health Law)(Wits)

Howard is an admitted attorney and the Executive Legal Counsel of Solal Technologies (Pty) Ltd, where he attends to all matters of a legal and bio-ethical nature, and assists in the commercial management of the company. Responsibilities include formulation of internal policy in regards to the Medicines Control Council and other regulatory bodies, negotiation and drafting of commercial agreements, formulation and implementation of disciplinary & HR related policies, advising on corporate governance and assisting in the general management of the company. He frequently lectures to both the medical profession for CPD purposes, as well as to medical students as regards the intricacies of bioethics and healthcare related law in South Africa.

Howard holds both LLB and MSc. Med (Bioethics and Health Law) degrees, and is a member of the following professional bodies:- World Association for Medical Law; Golden Key International Honours Society; Law Society of the Northern Provinces and South African Medico-Legal Society
Posters

1. **Computer Assisted Craniomaxillofacial Reconstruction.**  
   Naidoo S, Hoogendijk CF, Jacobs FJ.  
   Department of Maxillo-Facial and Oral Surgery, University of Pretoria.

2. **Juvenile Ossifying Fibroma: Report of two cases.**  
   Adedoja TO, Chuma WS.  
   Department of Health and Social Development, Mankweng Hospital, Limpopo.

3. **Clear Cell Odontogenic Carcinoma: Report of a case with widespread bone metastases.**  
   Adedoja TO, Chuma WS.  
   Department of Health and Social Development, Mankweng Hospital, Limpopo.

4. **Full Mouth Rehabilitation: a combination treatment.**  
   Morkel JA, Grundlingh I, Ranchod S.  
   Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

5. **Metastatic Retinoblastoma of the Mandible: A case report.**  
   Mohamed A, Morkel JA.  
   Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

6. **Encouraging results with a custom-made adjustable Mandibular Repositioning Appliance (MRA) for OSA.**  
   Van der Westhuijzen AJ, Harris A.  
   Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.
Posters

7. **Plunging Ranula: A case report.**
   Hein G.
   Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

8. **Denosumab Related Osteonecrosis of the Jaws: A case report.**
   Fakir E, Hein G, Kariem G, Morkel JA.
   Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

9. **Infantile Hypophosphatasia: A case report.**
   Meyer M, Morkel JA.
   Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

10. **Straight-line closure of bilateral macrostomia in Goldenhar Syndrome: A case report.**
    Ngcwama Y, Adams S, Kariem G.
    Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

11. **B-Cell Lymphoma of the Mandible: A case report.**
    Mahomed N, Morkel JA, Mohamed A.
    Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

12. **Implant Surgery in Gardner Syndrome.**
    Mdlalose L, Morkel JA, Mohamed A, Ranchod S.
    Department of Maxillo-Facial and Oral Surgery, University of the Western Cape.

13. **Oral Cancer in Limpopo – A retrospective analysis of 161 cases.**
    Adedoja TO, Masipa J, Nemutandani SM.
    Department of Health and Social Development, Mankweng Hospital, Limpopo.