



KLS Martin Distraction Osteogenesis Pre-Congress Workshop

Preliminary Program

Tuesday, 23 September 2025 Lord Charles Hotel, Somerset West, 7130

Faculty: Dr. D Shah, Australia

Course outline: Distraction Osteogenesis Workshop

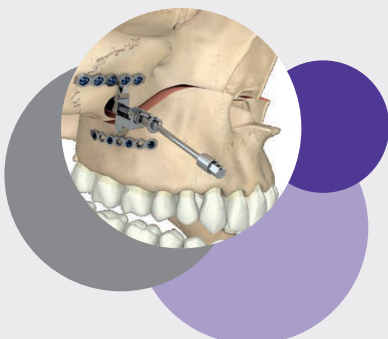
Tuesday, 23 September 2025

08:30	Welcome and registration	
09:00	IPS Gate® - Presentation of the App	Mr Matt Gibbons KLS Engineer
10:00	Coffee Break	
10:30	IPS Case Designer® - Presentation of the Software	Mr Matt Gibbons KLS Engineer
12:30	Lunch	
13:30	Presentation on Distraction Osteogenesis	Dr D Shah
14:30	Hands-on demonstration for Distraction treatment protocols (table observation on dry bone models)	Dr D Shah
16:30	End of session	

Prime Surgical Contacts

Aranka Berends, Customer Excellence Specialist	083 703 3473; aberends@sabiomedical.co.za
Nicolaas Swart, Sales Representative	072 249 0141; nswart@primesurgical.co.za
Wayne Joao, Market Access Manager	082 800 4499; wjoao@primesurgical.co.za

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GROUP



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KLS Martin Technologies: IPS Gate, IPS CaseDesigner and Distraction Osteogenesis

KLS Martin is a global leader in craniomaxillofacial surgery, delivering innovative solutions through its Individual Patient Solutions (IPS®) portfolio. This summary highlights IPS Gate, IPS CaseDesigner, and Distraction Osteogenesis technologies, which will be showcased at our upcoming workshop.

IPS Gate®

IPS Gate is a web-based platform that streamlines the design, ordering, and delivery of patient-specific implants and surgical aids. Surgeons and clinical staff can register quickly at ips.klsmartin.com, gaining immediate access after verification. The platform enables intuitive case creation, secure patient data uploads, and real-time collaboration with IPS developers via an integrated chat function. This platform empowers surgeons to plan and execute complex procedures with precision and mobility.

IPS CaseDesigner®

IPS CaseDesigner is a virtual 3D planning software tailored for orthognathic and craniomaxillofacial surgeries. It simplifies the preparation of patient scans, allowing for rapid, flexible modifications and precise osteotomy planning. The software integrates seamlessly with IPS Gate, enabling a holistic approach to transferring patient-specific treatment plans into the operating theatre. IPS CaseDesigner enhances surgical accuracy by simulating procedures and producing tailored guides and plates, revolutionizing preoperative planning.

Distraction Osteogenesis with KLS Martin

Distraction Osteogenesis (DO) is a cornerstone of KLS Martin's craniomaxillofacial solutions, used to treat conditions like mandibular deficiencies, craniofacial synostoses, and temporomandibular joint ankylosis. KLS Martin's distractors, such as the Bologna and Rotterdam Midline Distractors, offer bone- and tooth-borne anchorage for reliable force transmission, addressing issues like mandibular crowding and transversal deficits.

Join our workshop to explore how KLS Martin's IPS Gate, IPS CaseDesigner, and Distraction Osteogenesis technologies are transforming patient-specific care in craniomaxillofacial surgery. Learn from experts and experience hands-on demonstrations of these cutting-edge tools.



Speaker: Dr. Deegesh Shah

Dr. Deegesh Shah is an Oral and Maxillofacial Surgeon at OMS Specialists and a Consultant at John Hunter Hospital. He is the former Head of the Department at John Hunter Hospital, Chair of the Regional Surgical Committee for Training, and a Conjoint Senior Lecturer at The University of Sydney. Dr. Deegesh's special interests are in secondary repair of cleft lip & palate, corrective jaw surgery and surgery to correct obstructive sleep apnoea.

After completing his dental training (BDS) at the University of Sydney, Dr. Deegesh moved to the UK for a three-year training position in Oral and Maxillofacial Surgery, where he attained his Membership of the Faculty of Dentistry from the Royal College of Surgeons of England (MFDS RCS). He then returned to Australia to complete his medical training (BMed) at the University of Newcastle.

Dr. Deegesh completed six years of general and advanced medical and surgical training, ultimately finishing his advanced surgical training in Oral and Maxillofacial Surgery. He was awarded his Fellowship in Oral and Maxillofacial Surgery (FRACDS (OMS)) from the Royal Australasian College of Dental Surgeons.
