



## MASTERCLASS IN ORTHOGNATHIC SURGERY COURSE PROGRAMME

### The Colleges of Medicine of South Africa (Reg No.1955/000003/08)

#### **WEDNESDAY, 26 July 2023**

08h00-08h15	Welcome & Introductions
08h15-09h15	A philosophy on the management of dentofacial deformities
09h15-10h00	Orthodontic principles for orthognathic surgery
10h00-10h30	Tour of Zimmer Biomet South Africa facility
10h30-10h45	TEA BREAK
10h45-11h45	Treatment planning hands on - Mandibular antero-posterior deficiency
11h45-13h00	Treatment planning hands on - Mandibular antero-posterior deficiency & microgenia
13h00-13h30	LUNCH BREAK
13h30-14h15	Treatment planning hands on - Mandibular antero-posterior excess & macrogenia
14h15-15h00	Principles of model surgery for BSSO
15h00-15h15	TEA BREAK
15h15-17h00	The BSSO – technical principles and complications

#### **THURSDAY, 27 July 2023**

08h00-10h15	Vertical dentofacial problems
10h15-11h00	Treatment planning hands on - Vertical maxillary excess
	Treatment planning hands on - Vertical maxillary deficiency
11h00-11h15	TEA BREAK
11h15-11h45	Anterior open bite dentofacial deformities
11h45-13h30	Treatment planning hands on - Vertical maxillary excess, mandibular antero-posterior deficiency, microgenia
	Treatment planning hands on - Maxillary antero-posterior deficiency & mandibular antero-posterior excess
13h30-14h00	LUNCH BREAK
14h00-15h30	The Lefort I – technical principles and complications, Nasal control
16h00-16h15	TEA BREAK
16h15-17h00	Segmentalizing the maxilla: orthodontic and surgical treatment principles
17h00-17h30	Digital Orthognathic planning

#### **FRIDAY, 28 July 2023**

08h00-08h45	Rotation of the maxillomandibular complex
08h45-09h45	Treatment planning hands on - Clockwise rotation of the maxillo-mandibular complex
09h45-10h45	Treatment planning hands on - Anti-clockwise rotation of the maxillo-mandibular complex
10h45-11h00	TEA BREAK
11h00-12h30	Treatment planning hands on – “Flying solo treatment planning”
12h30-13h00	The genioplasty – technical principles
13h00-13h30	LUNCH BREAK
13h30-14h15	Facial asymmetry part 1 –occlusal cant ‘roll, spin and yaw” diagnostics, cephalometry
14h15-15h00	Facial asymmetry part 2 - orthodontic and surgical treatment principles
15h00-15h15	TEA BREAK
15h15-16h00	Facial asymmetry part 3 - : 3 D Virtual Surgical Planning
16h00-17h00	Facial asymmetry part 4 – surgical challenges and case discussions
17h00-17h30	Course overview and closure