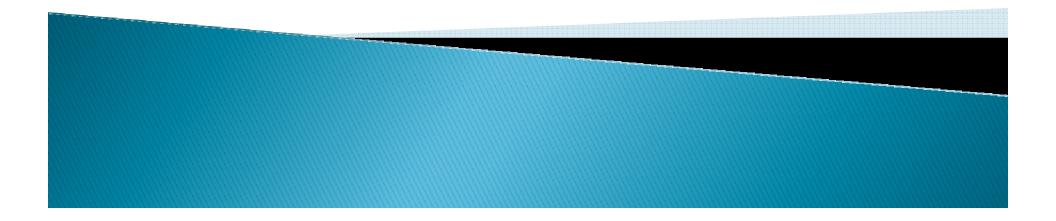
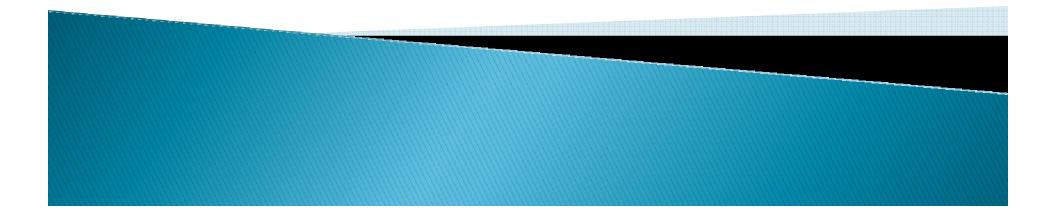
Complex Facial Fractures



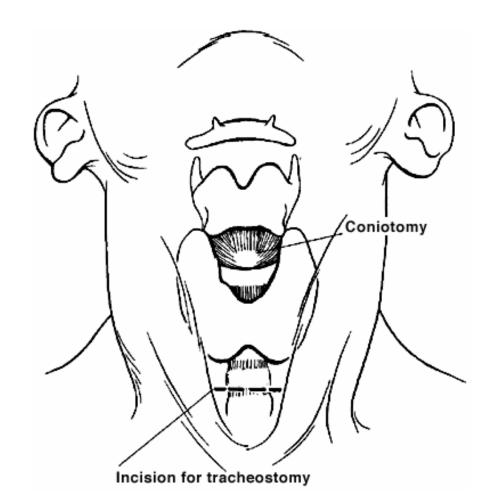
Disclaimer

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Airway

- Chin Lift/Reduction
 - Bucket Handle
- Endotracheal Tube
 - Oral
 - Nasal
 - Submental
- Surgical Airway
 - Tracheostomy
 - Cricothyroidotomy

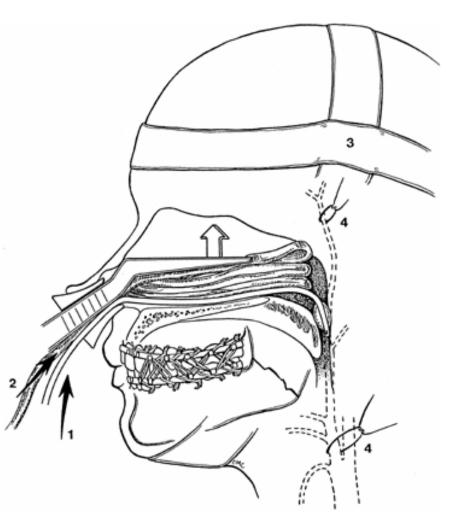


Regional Bleeding

- Midface
 - Reduction
 - Packing
 - Explore/Ligate
- Mandible
 - Chin Lift/Reduction
- Scalp
 - Suture
- Other Areas
 - Direct Pressure

Control Bony Bleeding

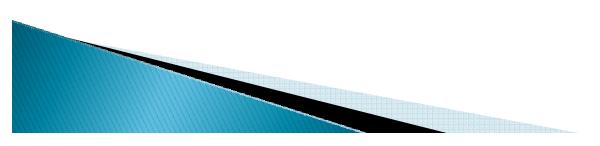
- 1. Posterior Nasal Balloon
- 2. Anterior Nasal Packing
- Reduce Fracture
 & Stabilise
- 4. IR /Vessel Control



Midface

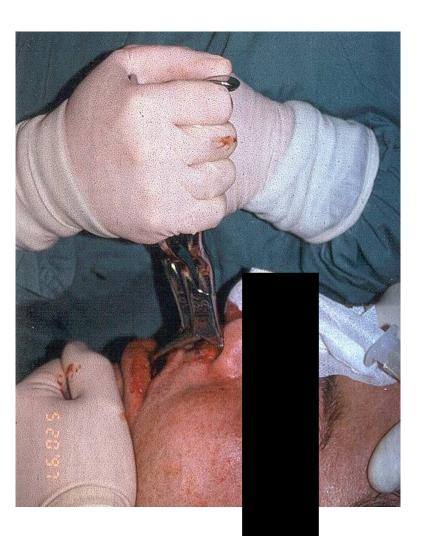
- Reduce
- Pack
- Fix
- Explore
- Ligate
- ► IR

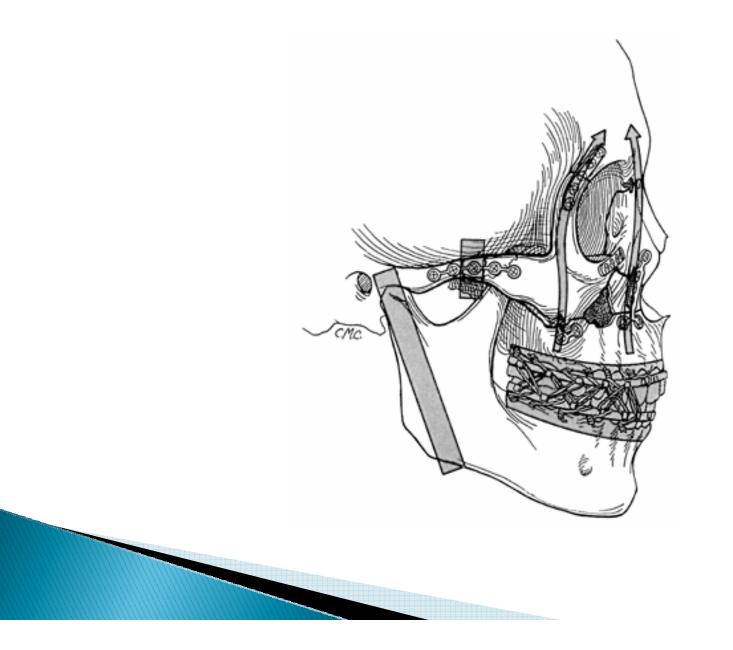




Reduce Maxilla

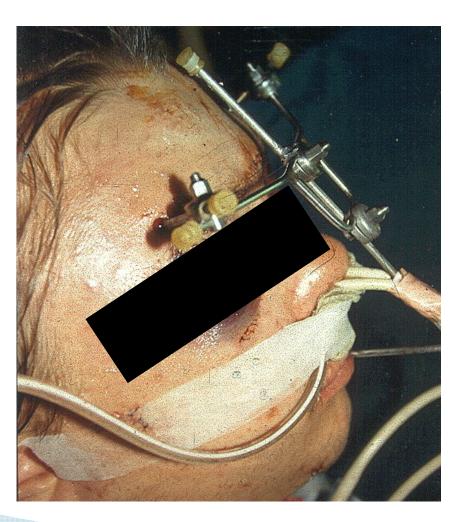
- Disimpact
- Relocate
- Impact
- Stabilise





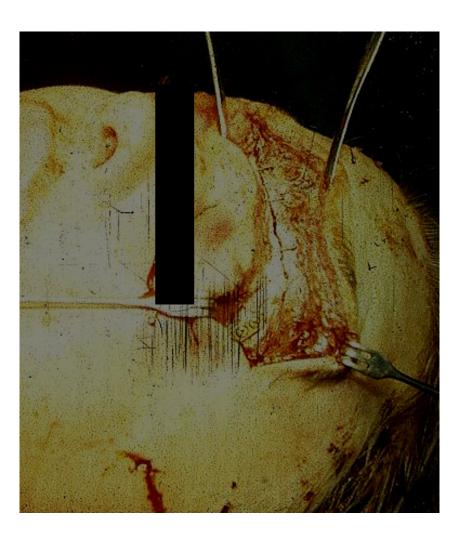
Packed/Reduced/Fixed

- Posterior Balloon
- Anterior Packed
- Reduced
- Externally Fixed
- NGT



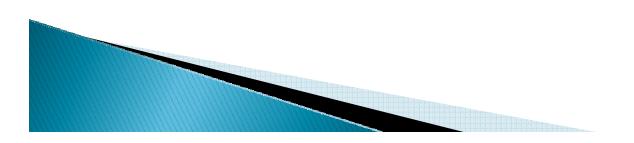
Scalp Lacerations

- Pressure
- Exploration
- Ligation
- Suture
- Compression



Disability

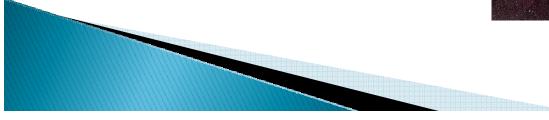
- Cns
- Spine
- Vision
- Nerves
- Other



Spinal

- Assume Instability
 - Stabilise
 - Collar
 - Assess
 - C–Spine
 - Fix
 - Halo
 - Surgical Fusion





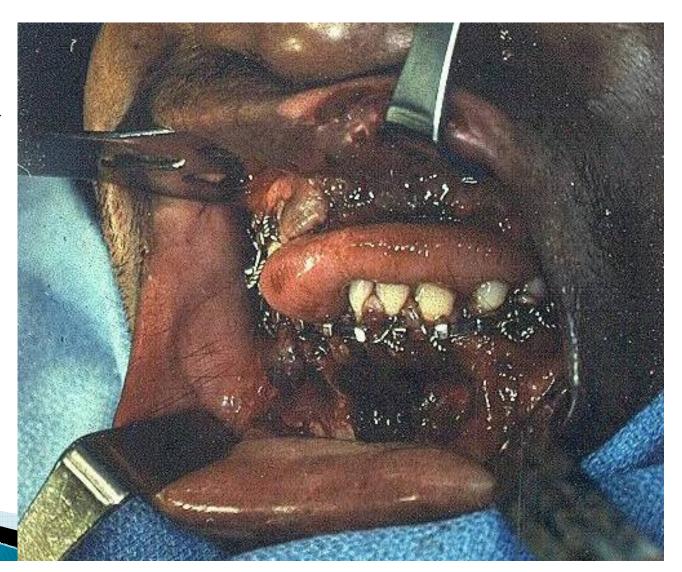
Specialised Structures

- Teeth –Oromaxillofacial
- Eyes Ophthalmologists
- Nerves
- Ducts
- Complex Structures



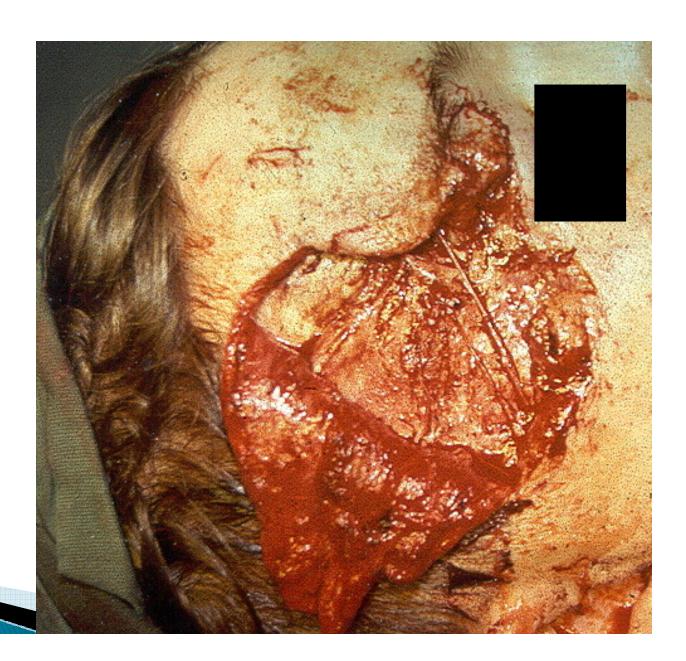
Dento-alveolar

- Account
 - ?Airway
 - Store Milk
- Replace
- Stabilise
 - Alfoil
 - Essig Splint
 - Arch bar
- Refer



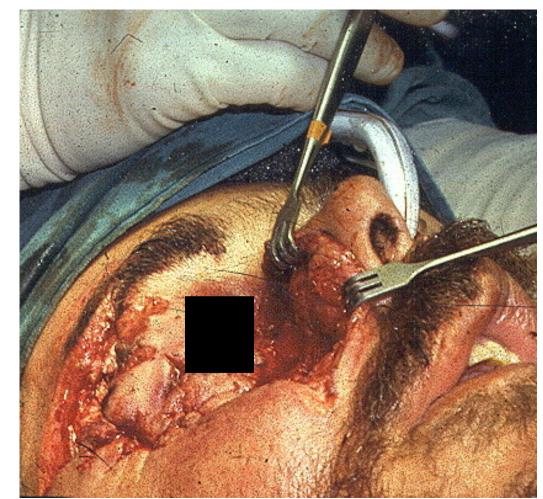
Nerves

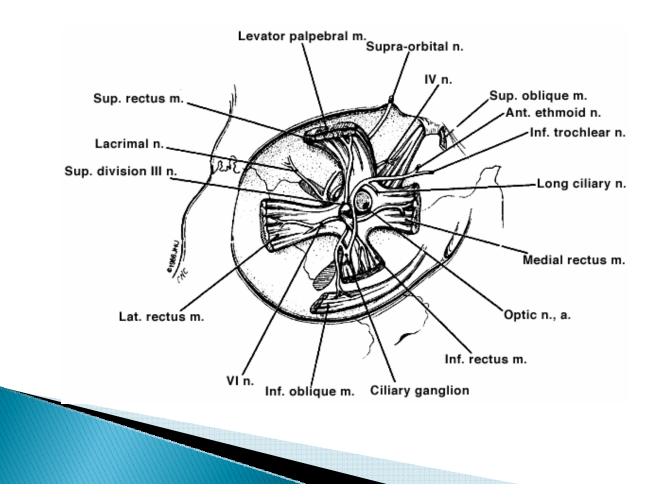
- Explore
- Repair
- Graft
- Tag
- Refer



Globe

- Urgent Assessment
- Consult
 - Hyphaema
 - Retina
- Apex Damage
 - Retinal Vessels
 - Fissure





Ducts

- Probe
- Intubate
- Repair
- Tag
- Refer
- DCR



Obital

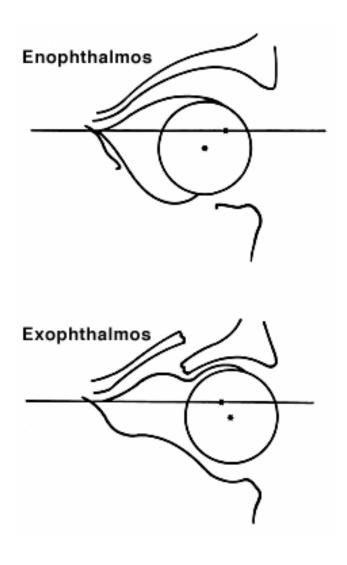
- Blowout
 - Ophthalmolplegia
 - Enophthalmos
 - Forced Duction

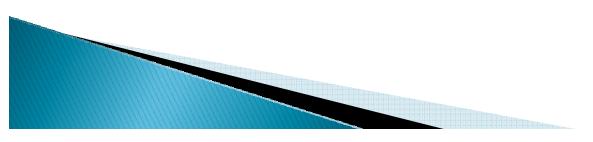




En/ExOphthalmos

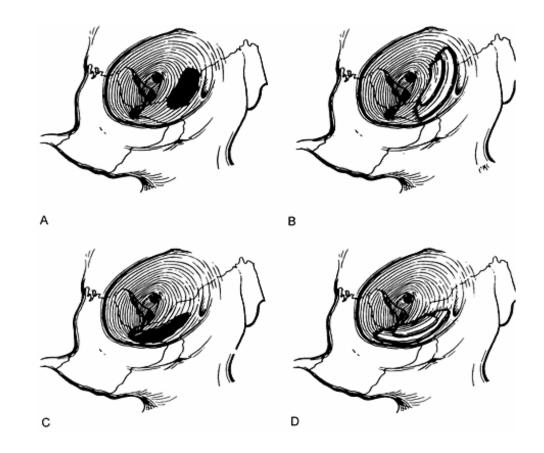
- The Floor is not Flat
- Dystopia of Globe
- Globe Rotation

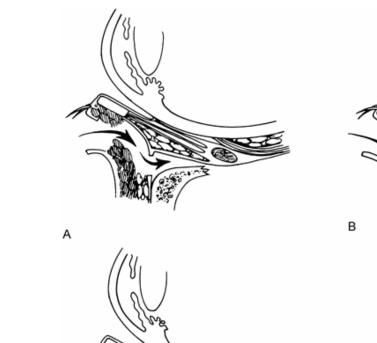




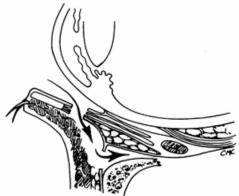
Blowouts

- Medial Wall
 - ^Enophthalmos
 - MR Entrapment
 - ~LR Paresis
- Floor
 - IR Entrapment
 - Poor Up Gaze









D

С

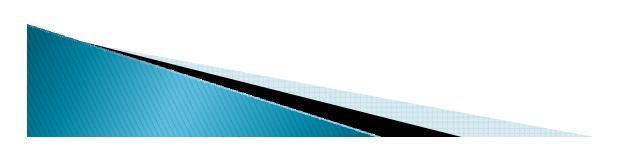
Skin

- Simple
 - Repair
- Complex
 - Explore
- Loss
 - Replace
- Tattoo
 - Debride



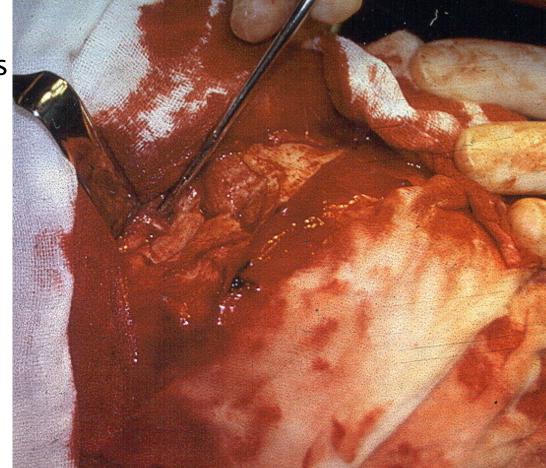
Skeleton

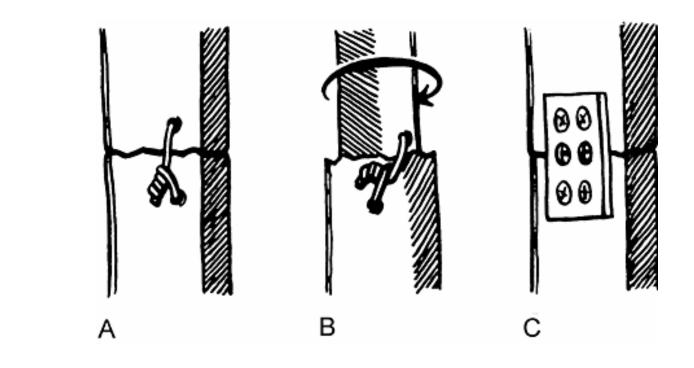
- Skull
- Zygomatico-orbital
- Nasoethmoidal
- Maxillary
- Mandibular
- Spinal
- Complex

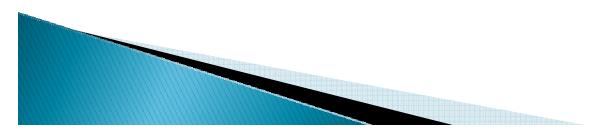


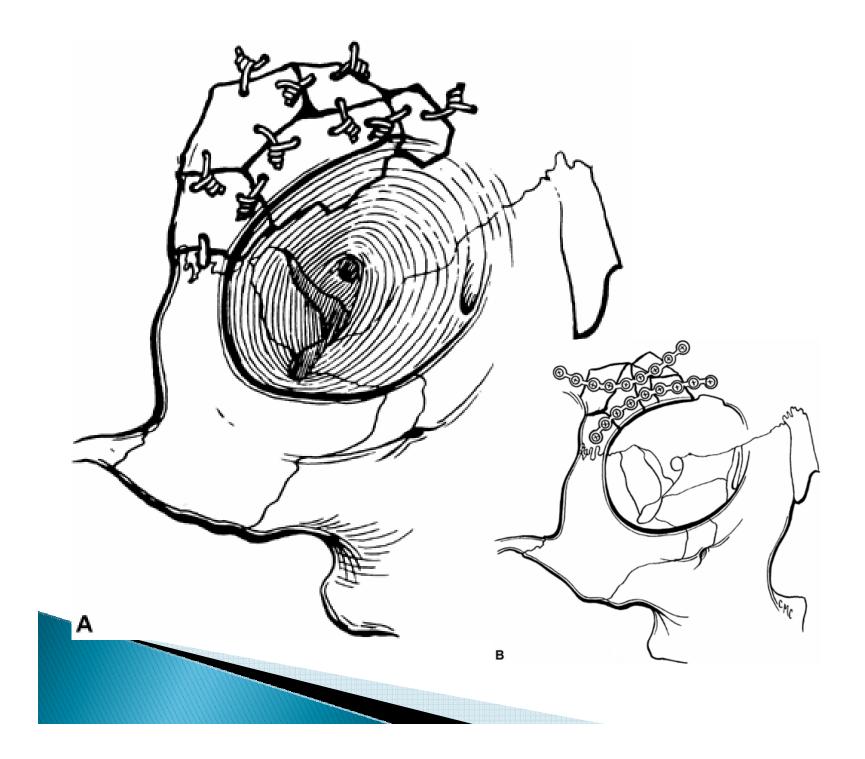
Frontal Fractures

- Expose
 - Direct Lacerations
 - Coronal
- Reduce
 - Gentle In-situ
 - Extracorporeal
- Fix
 - Sutures
 - Wires
 - Plates
 - Resorbable
 - Low profile Ti



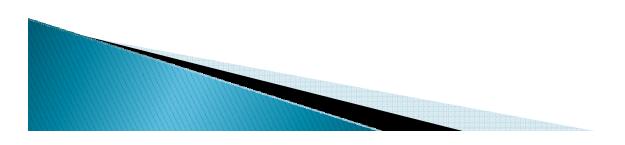






Conclusions

- Head And Neck Trauma Is Often Complex And Requires Well Co-ordinated Multidisciplinary Management
- Optimal Management Iniatially May Reduce The Need For More Difficult Secondary Reconstruction



Cranio–Maxillofacial 2012 Snow workshop Queenstown 13–14 July 2012

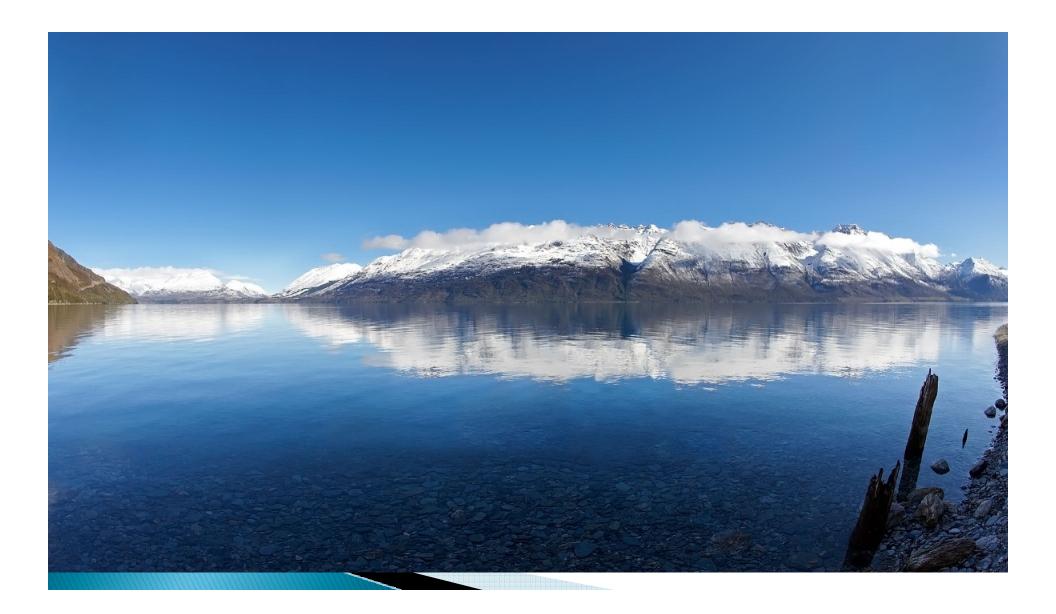


THE AUSTRALIAN & NEW ZEALAND SOCIETY OF CRANIOMAXILLOFACIAL SURGEONS



Course will extensively cover the syllabus for CMF for Plastic & Reconstructive Surgery

-will include many topics examined in previous short and long cases



Venue – Hilton Queenstown



- Close to several ski-fields
 - -Cardrona
 - -Coronet Peak
 - -Treble Cone
 - -Remarkables

Ideal venue to bring your family and enjoy







Registration

- Course numbers limited, first come-first served
- Course program and details at

www.anzscmfs.co.nz



pants receive 200 page book summarizing course content



"Study break"!







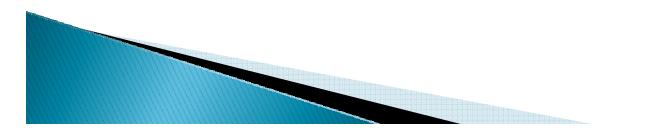
Cranio-Maxillo-Facial 2012 - AGENDA

- Hilton Queenstown, 13–14 July 2012
- Friday 13 July 0800 Registration
- 0830 Session 1. Dental anatomy and CMF development
 - Dental anatomy, terminology and notation
 - Mandibular biomechanics
 - Occlusion
 - Dental embryology
 - Jaw cysts and tumours

- CMF embryology
- Cranial vault, skullbase & mandible development
- Cranial bifidum and Parietalia foramina magna

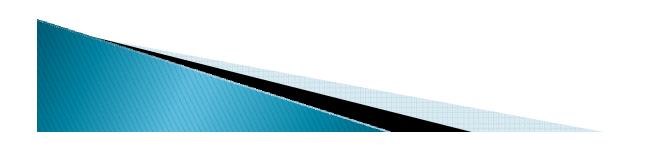
1100 Session 2 – Orthognathic Surgery

- Aesthetic Facial analysis
- Cephalometric analysis (practical)
- Dental impressions, wax bites, stone models, wafers (practical)
- Facebow transfer and articulators
- Model surgery
- Orthodontics
- Dental and CMF radiology
- Orthognathic Surgery
- Sagittal split, Le Fort I, Genioplasty (practical)



1400 Session 3 – Clefts

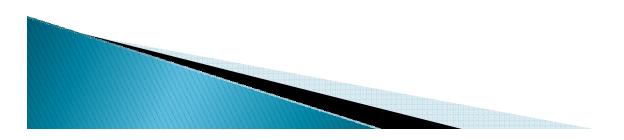
- Cleft anatomy, pathophysiology, epidemiology, prenatal diagnosis
- Nasoalveolar moulding
- Unilateral and bilateral lip repair
- Palate repair
- Speech assessment
- Velopharyngeal surgery
- Alveolar bone grafting
- Cleft rhinoplasty
- Craniofacial clefts



1600 Session 4 - Cranio-orbital conditions

- Hypertelorism
- Vertical orbital dystopia
- Graves disease
- Encephalocoeles
- Holoprosencephaly
- Fibrous dysplasia

0



1700 Session 5 – CMF surgery principles and technologies

- Skull base access
- Bone healing and bone grafting
- Wires, Rigid fixation, Absorbable plates
- Transnasal canthopexy
- Submental intubation
- Orbital tissue expansion
- Osseointegration and Implantology
- Distraction osteogenesis
- Springs
- Cranioplasty alloplasts
- Bone substitutes
 - **Computer** modelling

Saturday 14 July 0830 Craniosynostosis

- Cranial suture development and function
- Craniosynostosis; Classification, aetiology, genetics, consequences
- Sagittal, Metopic, Coronal, Lambdoid, Sphenoid synostosis
- Craniosynostosis syndromes: Apert, Crouzon, Pfieffer, Muenke, Saethre Chotzen
- Craniofrontonasal dysplasia
- Cleidocranial dysotosis
- Oxycephaly, pansynostosis and Kleeblattschadel
- Intracranial pressure
- Obstructive sleep apnoea
- CSF flow dynamics and hydrocephalus
- Chiari and Dandy Walker malformations
- Deformational plagiocephaly
- Ventricular shunt deformities
- Principles of Craniosynostosis surgery
- Craniofacial osteotomies
- Le Fort III advancement and distraction

1100Session 7 - Craniofacial conditions I

Binder syndrome

- Pierre Robin sequence
- TMJ ankylosis
- Mandibulofacial dysotosis
- Treacher Collins syndrome
- Nager syndrome
- Hemifacial microsomia



1330 Session 8 - CMF trauma

Mechanisms of injury and assessment

- Dental injuries
- Ocular injuries
- Cranio-cerebral injuries
- Skull base fractures
- Orbital fractures
- Zygomatic fractures
- Maxillary fractures
- Naso-orbito-ethmoid fractures
- Mandibular/ condylar fractures
- Post traumatic deformities
- Medial canthus injuries, canthopexy
- Mucocoeles
- Interdental wiring and maxillomandibular fixation (practical)

1600Session 9 - Craniofacial conditions II

- Microtia and ear reconstruction
- Facial Palsy
- Moebius syndrome
- Chin deformities
- Neurofibromatosis
- Rombergs Hemifacial Atrophy
- Dermoids
- Hemihypertrophy
- Proteus syndrome
- Beckwith–Weidemann syndrome
- Macroglossia
- Radiation induced deformities

