



OUR SERVICE

Partnering with Samson Medical Technologies, Personalised Surgery (PS) is dedicated to delivering patient-specific implants and instruments (PSI) tailored to the needs of individual patients and surgeons across Australia.

Our comprehensive service encompasses Virtual Surgery Planning (VSP) by skilled Australian engineers, local design and manufacturing for faster turnaround times, a user-friendly online app for streamlined case management, and cutting-edge grafting solutions that optimise fixation.

OUR TECHNIQUE

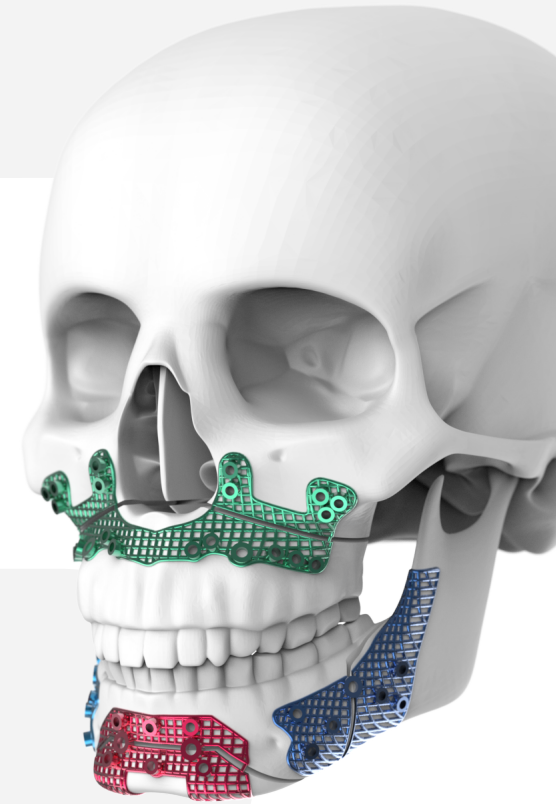
Compared to traditional surgical techniques, the use of VSP and PSI are demonstrated to improve surgical accuracy¹⁻³. Moreover, these approaches have been linked to decreased planning and operating room times, fewer intraoperative complications, improved bone fixation stability, and an overall superior patient consultation experience⁴⁻⁵.

PS CASE PLANNING APP

The PS App is an all-in-one case management solution enabling case creation, data upload, VSP scheduling and direct communication with engineers, all from their mobile phone, iPad, or desktop computer. Our app is a convenient, centralised hub for everything Craniomaxillofacial. Contact PS to set up a new customer account and start using the app today.

OUR DIFFERENCE

As an Australian orthopaedic company, we stand out by locally handling all our engineering processes, from surgical planning and design to manufacture. This approach allows us to minimise lead times and have greater oversight of the final product. More significantly, it cultivates innovation by promoting collaboration between surgeons and engineers and ultimately better product and customer experiences.

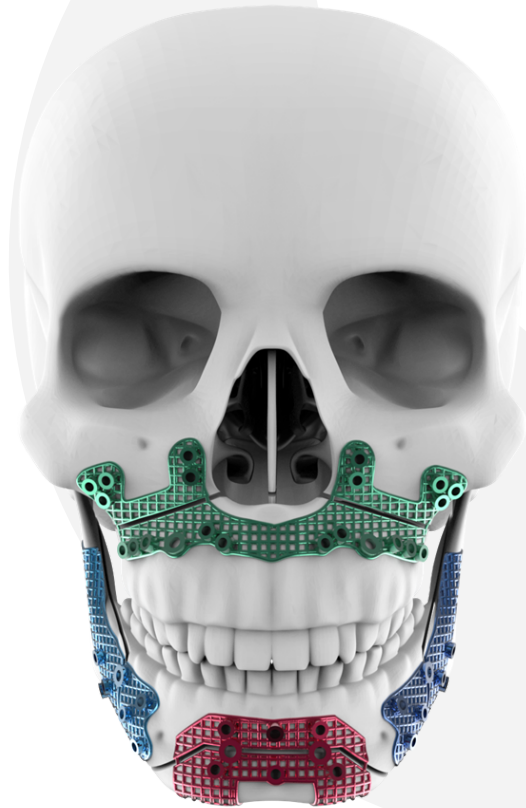


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CMF ORTHOGNATHICS

Our surgical system for CMF Orthognathics has been carefully crafted through years of research and clinical experience, harnessing the power of VSP and PSI for optimal outcomes.

With our advanced surgical system and comprehensive approach to care, patients can feel confident that they are receiving the best possible treatment for their individual needs.

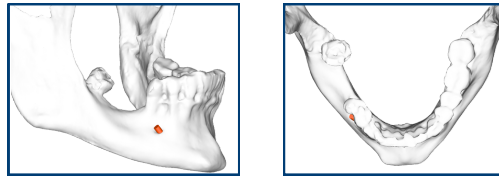


ALVEOLAR MESH

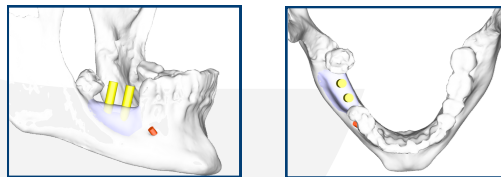
As part of our range of CMF solutions we also provide a patient specific solution for alveolar ridge augmentation.

The design of our custom titanium mesh is informed by dental implant planning and virtual bone augmentation. With surgeon preferences in hand, this process can be conducted without a VSP meeting, enabling fast and efficient case processing. Surgery is then further enhanced by the advanced grafting solutions from Samson Medical Technologies.

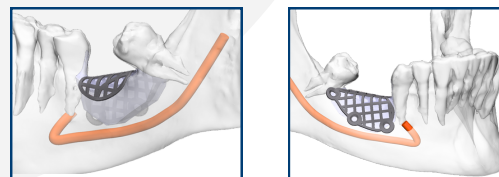
Pre-op



Planned



Ti Mesh



ORBITAL FLOOR

Our patient specific orbital floor solution is highly tailorable and will be shipped within an industry-leading time (<10 days). We offer both a solid and fenestrated design, as well as a tessellating 2-piece implant for larger defects. Implant surface polishing is also an option for improved soft tissue interaction.

