

OMX Solutions Pty Ltd – Company Announcement

July 15, 2020

Melbourne based design house for custom medical devices for oral and maxillofacial applications, OMX Solutions Pty Ltd is delighted to announce the 200th implantation of its custom designed temporomandibular joint (TMJ) replacement device, the OMX TMJ Prosthesis. Mr George Dimitroulis, Oral and MaxilloFacial Surgeon, successfully performed the 200th OMX TMJ Prosthesis implant at St Vincent’s Hospital in Melbourne in late June.

The OMX TMJ Prosthesis is an innovative joint replacement system that is fully customised to the patient and made possible by advanced 3D printing technologies. The prosthesis is designed to replace a non-functional TMJ, restoring function, reducing pain and ultimately improving the patient’s quality of life. Utilising digital imaging and computer assisted design platforms, the OMX TMJ Prosthesis is custom designed to anatomically fit the patient. The design process also reduces the surgical risk of nerve damage.

Upon celebrating 200 OMX TMJ implants, Mr Dimitroulis said “3D printing has made it possible to open up an era of personalised medicine with custom made devices that are made with the same efficiency as mass production. It is exciting to be able to draw on our cumulative experience of over 200 implants that extend well beyond 4 years of real-world evidence”. Dr Dimitroulis also said “the applications of 3D printing technology were endless”.

OMX Solutions was established in 2016 and has a growing portfolio of bespoke medical devices for oral and maxillofacial applications including the new generation OMX TMJ Prosthesis the ArthroJaw, the OsseoFrame subperiosteal implant system and TriFix custom plating system for the fixation of craniomaxillofacial (CMF) fractures and osteotomies.

Mr George Dimitroulis:

Mr George Dimitroulis is a Melbourne based Oral Maxillofacial surgeon maintaining an active surgical schedule as a consultant St Vincent’s Hospital and Epworth Health in Melbourne. He also runs a private practice in East Melbourne and is a recognised surgical leader in the treatment of TMJ pathologies. Mr Dimitroulis is also the Founder and Clinical Director of OMX Solutions Pty Ltd.

About OMX Solutions Pty Ltd:

OMX Solutions Pty Ltd specialises in custom-made medical devices (CMMDs) for cranio-maxillofacial surgery applications. Since its establishment in 2016, the company embraced the 3D printing digital revolution and has a growing portfolio of medical implants including a custom TMJ joint replacement prosthesis, bespoke plating systems, bio-models, surgical splints and guides. Headquartered in Melbourne, OMX Solutions is an Australian owned company with a goal to be the world leader in the development of exciting new customized and personalized surgical products and devices that will become game-changers in Craniomaxillofacial surgery.

OMX Solutions Pty Ltd

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