

How digital skill has transformed dentistry

Advances have literally added a new dimension to teeth replacement.

Dentures are becoming a thing of the past. Gone are the days when complete or partial dentures were the only option for replacing missing teeth.

The face of dentistry has changed over the decades and nowhere is this more obvious than at Oryx Dental in Toorak, which focuses on reconstructive and cosmetic dentistry and digital-guided implants.

The latest technology means dental implants are now a permanent tooth replacement option.

"Thanks to the advancement of computer-guided dental implant surgery, implants are now a viable option for a wider range of people who are missing one or more teeth," said Oryx Dental's Dr Kevin Kok.

Oryx Dental offers single, multiple and full-mouth dental implants, aiming to give patients the most options in restorative and cosmetic dentistry.

"Dental 3D printing is the key to modern dentistry. Gone are the days when we planned implant placement with a 2D X-ray and operated on a patient with a free-handed approach," says Dr Kok.

Technological advancements mean dentists can now plan optimal placements of dental implants, whereby a small titanium post is surgically placed into the jaw bone, then fitted with a permanent cap, crown or multiple teeth that look and feel like natural organic teeth.

Here's how it works: a 3D scan of a pa-



tient's mouth is undertaken and used to create virtual surgery, where models of the patient's mouth and the scans are overlaid to enable the surgeon to "perform" a simulated procedure. 3D printing is then used to create a surgical guide to assist in the precise placement of an implant.

"3D printed surgical guides are even more helpful in cases where the margin of error is

small. A guided approach enables us to know the exact location of vital structures including nerves, bone and sinuses, to place the implant in its optimal position very accurately," Dr Kok says.

Unlike dentures, implants are a fixed solution, making them an ideal option for replacing teeth while protecting the integrity of the jaw bone and adjacent teeth.

"Thanks to three-dimensional planning and 3D printed surgical guides, procedures can now be undertaken through a keyhole approach, with significantly less free-handing involved, in a process that is much faster and accurate," he says.

A keyhole approach requires smaller incisions, which can result in a speedier heal-

'Dental implants offer patients an incredibly effective and natural-looking solution in the event of tooth loss.'

- Dr Kevin Kok

ing process after surgery, less pain, swelling, bruising and discomfort. "3D printing means dental implants have become almost routine. It allows us to place an implant in a shorter time frame with far more accuracy than traditional methods in the past and that makes treatment more pleasant for everyone.

"Dental implants offer patients an incredibly effective and natural-looking solution in the event of tooth loss, with guided surgery aiding in less trauma and minimal discomfort," added Dr Kok, who takes pride in his skills at administering local anaesthesia.

"Dental implants, which can make a huge difference to the lives of patients, can be carried out in a dental surgery in a minimum amount of time."

Any surgical or invasive procedure carries risk. Before proceeding, you should seek a second opinion from an appropriately qualified health practitioner.

TAKING PRIDE IN TRUE DENTAL CARE

GENERAL & COSMETIC DENTISTRY

Oryx Dental is a practice that takes the utmost pride in the quality of care for our patients. We love doing beautiful work, and are committed to getting you smiling your very best!

We are a very welcoming practice with a personable and ethical patient-focused approach, covering all aspects of general dental as well as the more major disciplines. Oryx Dental is truly passionate about providing excellence in dental care.

For the past 29 years we are proud to have looked after individuals and families of all age groups including children and those with unique requirements. Our long standing and established patient base is a testament to our services.

- GENERAL DENTAL CARE
- CROWN & BRIDGEWORK
- VENEERS
- TEETH WHITENING
- CHILDREN'S DENTAL CARE
- DIGITALLY GUIDED IMPLANTS
- PORCELAIN RESTORATIONS
- ORTHODONTICS
- INVISALIGN

ORYX DENTAL

1/ 109 Mathoura Rd, Toorak, VIC 3142

Tel: (03) 9827 0415 • E: enquiries@oryxdental.com.au

www.oryxdental.com.au

[f](https://www.facebook.com/oryxdental) [i](https://www.instagram.com/oryxdental) @oryxdental

Any surgical or invasive procedure carries risk. Before proceeding, you should seek a second opinion from an appropriately qualified health practitioner.