

PATIENT INFORMATION · TECHNOLOGY

Our technology

What the imaging and digital equipment in the practice does, explained simply.

What is it?

Technology supports your dentist's judgement; it doesn't replace it. Imaging helps your dentist find problems and plan treatment, and images are only taken when they are clinically needed.

- **3D CBCT.** Carestream CS 9600: 2D and 3D images of teeth, bone and nerves, seated or standing
- **Digital X-rays.** Dürr Dental VistaScan Mini View 2.0 with VistaSoft
- **Digital impressions.** CEREC Primescan and Shining 3D Aoralscan Elite with 3D face scanning
- **Decay detection.** KaVo DIAGNOcam uses near-infrared light instead of X-rays
- **Magnification.** Leica M320 dental microscope
- **Made on site.** CEREC milling and an Asiga ULTRA 3D printer

Who it may help

- ✓ Planning implants, wisdom tooth removal and other surgery
- ✓ Crowns, inlays, aligners and night guards designed from a digital scan
- ✓ Seeing your X-rays and scans on screen with your dentist

Suitability depends on your individual situation and is confirmed after an examination.

Equipment we use



Carestream CS 9600. 3D imaging for planning implants and surgery.

Image: Carestream Dental



VistaScan Mini View 2.0. Reads reusable X-ray imaging plates, with no film to develop.

Image courtesy of Dürr Dental, used with permission



Aoralscan Elite. Scans your teeth in 3D, often in place of impression trays.

Image courtesy of Shining 3D, used with permission

Photos of the equipment used at the practice. Your own visit may differ.

What to expect

- 1 **A 3D scan.** You stand or sit still while the arm turns around your head, taking a series of images.
- 2 **The 3D view.** Software combines the images into a 3D view of your teeth, bone and nerves, which your dentist uses to plan treatment.
- 3 **Digital X-rays.** Thin, reusable imaging plates are used instead of film, and the image appears on screen shortly afterwards.
- 4 **Digital impressions.** A scanner wand records a 3D model of your teeth, often in place of impression trays.

Your dentist will only recommend a scan when the information is needed for your care, and will explain why.

After your visit

- ✓ **Your images:** are kept in your digital record, and your dentist can talk you through them
- ✓ **Copies:** you can ask for a copy of your records
- ✓ **Infection control:** reusable instruments are cleaned and sterilised after every patient, and single-use items are used once only

General information only. Ask your dentist if you have any questions about imaging.

Costs & health funds

Fees depend on your treatment and are confirmed after an examination, with a written estimate before planned treatment starts. Your health fund rebate depends on your fund, level of extras cover, annual limits and waiting periods. We can claim on the spot with Tyro, so on the day you pay any gap. All health funds are welcome.

Any imaging fees are included in your written estimate for planned treatment.

Questions to ask your dentist

- ? Why do I need this scan or X-ray?
- ? What will the images show?
- ? How are my images stored, and can I have a copy?
- ? Will my scan be shared with a specialist?
- ? Is there a fee for the scan?

Before a scan or X-ray

- ✓ Any recent X-rays or scans from another dentist, if you have them
- ✓ Ask why an image is needed and what it will show
- ✓ Tell us about any changes to your health or medicines
- ✓ Unwell with a cold, flu or COVID-19? Let us know before your visit; we may suggest a new time if treatment can wait
- ✓ You can ask how instruments are cleaned and sterilised for you
- ✓ Your Medicare card and health fund card, for on-the-spot claiming with Tyro

General guidance only. Always follow your dentist's specific instructions.

Myaree Dental & Professional Centre

84 North Lake Road, Myaree WA 6154 · Phone (08) 9330 7115
customer@myareedental.com · www.myareedental.com
Advanced Dental Healthcare Pty Ltd (ADHPL) · ABN 48 158 833 713

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