

The background of the entire page is a photograph of dental professionals in an operating room. They are wearing blue scrubs, surgical masks, and blue bouffant caps. One professional in the foreground is wearing a surgical microscope. The scene is brightly lit, typical of a clinical setting.

**DIR AND DENTAL PROFESSIONALS
WORKING TOGETHER FOR
BETTER PATIENT OUTCOMES**

**THE DIR
FOR DENTAL
PROFESSIONALS**

Australia - New Zealand
admin@dentalimplantregistry.org.au

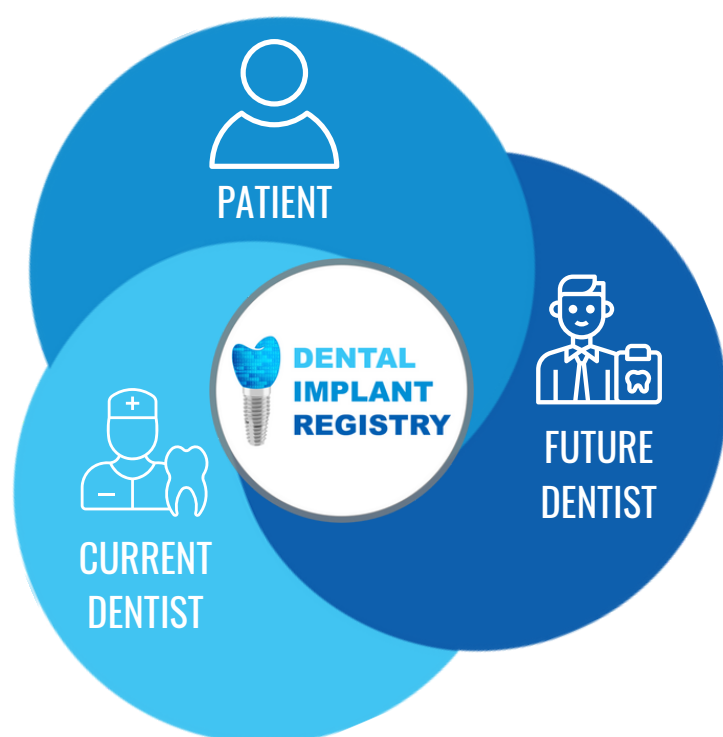


**DENTAL
IMPLANT
REGISTRY**

WHAT IS THE DIR?

The DIR is an Australian/New Zealand based online registry for dental implant components, that allows dental professionals to record and identify the implants of existing, new/emergency patients quickly and accurately.

By recording implants directly on the registry, patient details will be up-to-date and accessible, from anywhere in the world. The DIR is the only online dental implant registry in the world that allows clinicians, patients to access implant data real time (privacy laws apply).



PATIENT

- 24/7 Access to Own Information
- Minimised Future Complication Rates

CURRENT DENTIST

- Accurate Patient Record Management
- Provide Transparency to Patient
- Meet Regulatory Requirements
- Improved Communication Between Practices
- Personalised Practice/Dentist Reports

FUTURE DENTIST

- Access to Accurate Patient Records
- Decreased Treatment Times
- Minimised Complication Rates

By registering a patient's implant components on the DIR, you are ensuring the identification of a patient's dental implant components, improved communication between the patient and dental professional, and dental professionals with other dental professionals (including oral surgeons, laboratory technicians and dental implant representatives).

This allows dental professionals, dental laboratory technicians and dental implant representatives to identify devices, to assist in product selection and decrease complication rates.

The DIR is a *Free Service* for Dentists where patients pay a small fee for registrations.

DENTAL IMPLANT ISSUES

LACK OF IMPLANT COMPONENT IDENTIFICATION

One of the largest issues in implant dentistry today (and will continue to worsen as more implants are placed and identification systems i.e. registries, are not implemented), is the identification of dental implant components in patients.

When a new patient presents to a dental clinic with unknown dental implants components, requiring replacement or repair, the identification can take several hours, days or even weeks (if at all successful). Identification can include several hours of admin time and possibly clinical time to confirm the identity.

Using the incorrect instruments to remove the prosthetic implant components can mean that the prosthetic and or implant can be damaged. Replacement costs and legal issues can ensue.

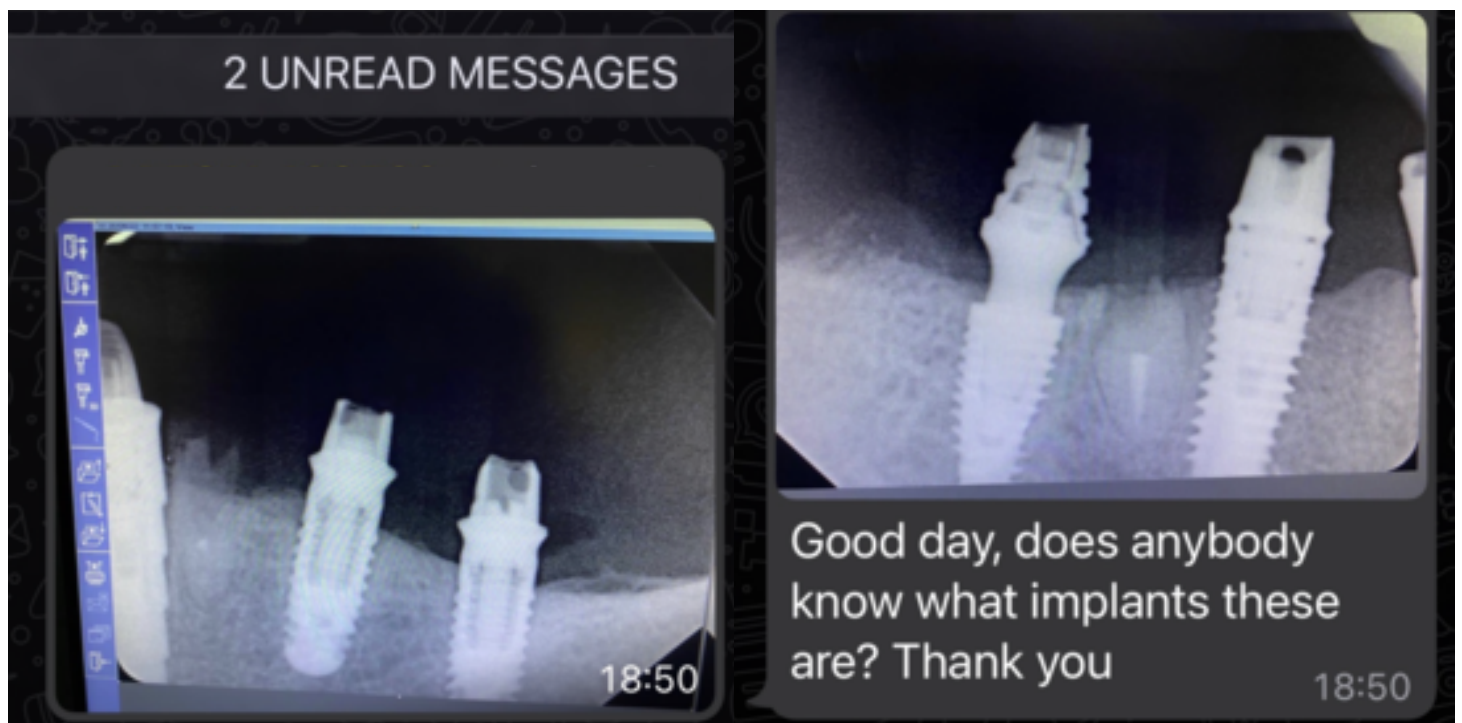


Figure 1. This is an example of regular communication between clinicians, reps or laboratories asking for help with identifying implant components

DENTAL IMPLANT ISSUES

SWAPPING OF IMPLANT COMPONENTS BY LABS

In recent times, the DIR has been contacted by our users, asking if we can help them identify implant components sent by laboratories for them to install into their patients.

In some cases, laboratories decide that prosthetic components sometimes sent to them by the dentist, are not appropriate for the case. These are sent back and a different abutment/screw is used by the lab. However, in some unfortunate cases, the abutment supplied by the dentist is not used by the lab and a copy part (non-genuine part) is used instead, and neither the dentist nor the patient are informed. These components can have a higher risk of failing, so when a warranty claim is made back to the manufacturer to replace the part, the company rejects the warranty. This means the clinician has to pay for 100% for the replacement part.

By requesting that the identity of the implant component is registered, this improves transparency between dental clinicians and laboratories, decreasing the issues with complications and warranty claims.

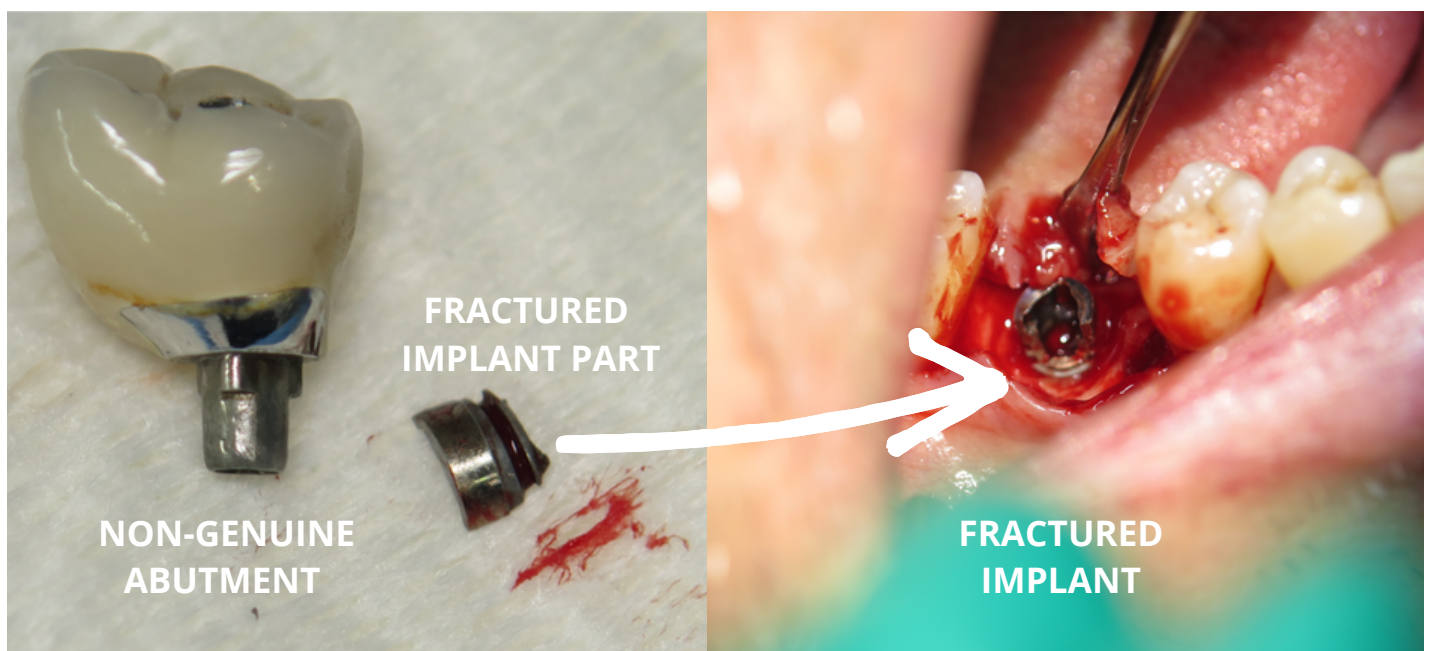


Figure 2. This is an example of a poor quality abutment part that was installed in an implant (internal connection). The position of the implant and the poor fit of the abutment led to failure of the implant wall. This was only in service for 3 years!

DENTAL IMPLANT ISSUES

UNKNOWN COMPLICATION RATES

The DIR is currently developing monitoring and reporting systems to help our users and industry partners in assessing the performance of products and anonymised benchmarking (no clinician or clinic is identified publicly). Only the clinic or the clinician can see their own complication rates in comparison to the DIR user base.

This will assist both the clinician or clinic in determining if a technique or product requires reassessment or is working well and should be a preferred item or technique. Further education can be provided to clinics or clinicians via DIR's education service AIM (Academy for Implant Mastery).

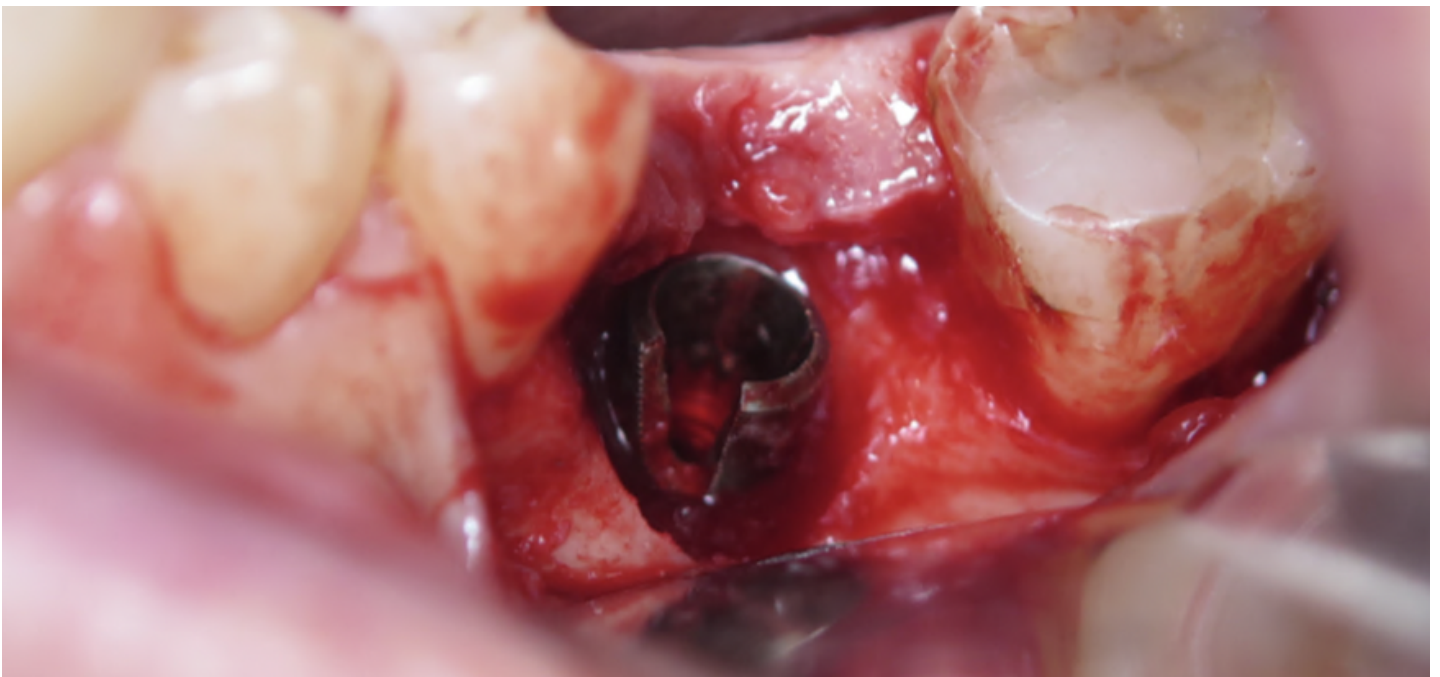


Figure 3. This is an example of a poor quality part that was installed in an implant (internal connection with a deep bevel). The position of the implant was ideal but the poor fit of the abutment led to failure of the implant wall. This was only in service for 5-6 years.

The crown repeatedly became loose and eventually the abutment screw could not be tightened, indicating that either the internal thread of the implant had stripped or the implant had broken. The fracture was confirmed surgically and implant removed and site grafted awaiting a new implant.

ZYGOMATIC IMPLANTS: MEETING YOUR TGA REQUIREMENTS

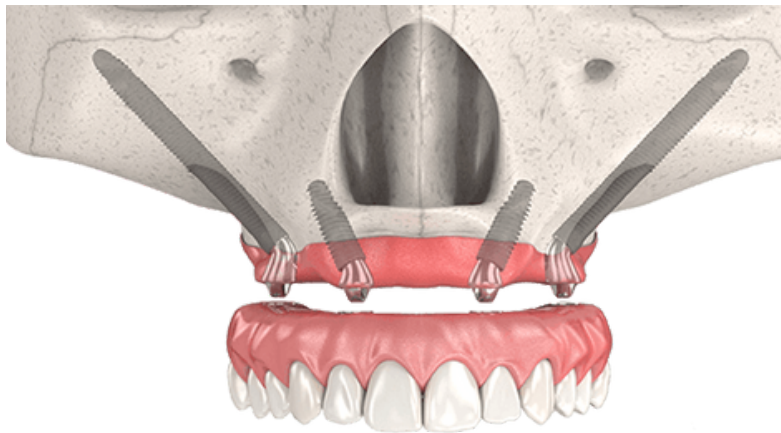
From 1st December 2021, the TGA (Therapeutic Goods Administration in Australia) are requiring all patients receiving **zygomatic implants** (and other high risk implants) to have patient information materials available to them in the form of a Patient Implant Card (PIC) and a Patient Information Leaflet (PIL)*.

PATIENT IMPLANT CARDS (PICS)

The purpose of **PICs** is to ensure patients are aware of the details of the device they've received, and that health professionals can also identify these devices.

DID YOU KNOW: The Dental Implant Registry (DIR) creates a digital PIC?

Registrations done via the DIR are fast, accurate and securely stored for the Patients lifetime.



Patient Implant Cards

- From 1 December 2018, patient implant cards will be supplied with new urogyanecological mesh devices
- All permanently implantable devices are affected:
 - Phased approach to be **fully implemented by 1 December 2021**
- Addresses an information gap
- Exempted products:
 - simple implants (dental fillings, dental braces, tooth crowns, endosseous dental implants, screws, etc.)

PATIENT INFORMATION LEAFLETS (PILS)

Separate from the implant card, the PIL is provided to surgeons from the manufacturer along with their zygomatic implant. The purpose of a PIL is to ensure that Dental Professionals and their patients are aware of the medical device **prior** to surgery, to assist patient-doctor discussions regarding device features, benefits and potential complications.

* Normal Endosseous implants are currently exempt from PIC/PIL regulations, but good practice would indicate that registering them means you are providing the highest level of long term care

BENEFITS OF BEING A DIR USER

MEET REGULATORY REQUIREMENTS

Dental Board / AHPRA (Australian Health Practitioner Regulation Agency):

All records registered on the DIR are **securely stored** for the patients lifetime.

This ensures you are **meeting the 7+ year requirements** of the Dental Board / AHPRA.



TGA:

By **registering** implant components (including **high risk** dental implant components, such as zygomatic implants), you are **meeting TGA regulations**.



FREE IMPLANT IDENTIFICATION SERVICE

Being a DIR Users means you'll also have access to our **FREE Implant Identification Service**

Our team track down the identity of unknown implants on your teams behalf!

Whether in Australia or overseas, we reach far and wide to get the job done for you.



BENEFITS OF BEING A DIR USER

FIND A DIR DENTIST



Your Practice will be added to the Find a DIR Dentist search function, that is **regularly accessed by patients** AUS/NZ wide.

This service is **entirely free** for our Users, and our team regularly promotes the advantages of seeing a trusted DIR Dentist that will provide them with high quality work and the best long term care!



PATIENTS TO YOUR DOOR

For those Practices that do a large number of registrations, you may be eligible for our **premier program**, where we will actively market to **patients interested in dental implant treatment**, and **direct them to your Practice!**



SPECIAL OFFERS

Along with accumulating DIR Points to purchase implant products at no cost, the DIR will also work with our sponsors to regularly **send you special offers** for implant related products!



DIR POINTS PROGRAM (DIR PAYMENT PROCESS):

The DIR is entirely **FREE for you and your Practice to use**, and in addition to allow for your admin time, the DIR remunerates you to register components with dental implant related products.

How it works:



PATIENT PAYS DENTAL PRACTICE

Patient pays for implant procedure, which includes the DIR registration fee (RRP \$30 per component)

DIR REGISTRATION ENTERED BY PRACTICE

Dental Staff registers patients' implant details on the DIR at a cost of \$30 (per component)

PRACTICE RECEIVES DIR POINTS

DIR rebates Dental Practice 10 DIR Points for every paid registration entered (10 DIR Points = \$10)

PRACTICE REDEEMS DIR POINTS

DIR Registered Practice redeems dental implant related materials / tools using DIR Points (no costs to Practice)

WORK FLOWS OF THE DIR IN YOUR PRACTICE

REGISTERING IMPLANT COMPONENTS ON THE DIR

DIR registrations are carried out on our online web application. There are no software downloads or advance hardware requirements. DIR Registrations take an average of **2-3 minutes to enter**, and at the end of the process a digital patient implant card is created (PDF format). This PDF can be easily saved in your patients file, so no need for double data entry. The DIR can also work with your Practice Management Software to simultaneously create and save a clinical note along with the PDF.



EXPLAINING THE DIR TO PATIENTS

The DIR is an **opt in device registry** and therefore patient consent is required. This can simply be obtained verbally and confirmed in the software when completing a registration.

The DIR will provide you with **DIR Patient Flyers** that can be given to patients during their consult, along with a couple of youtube links that highlight the benefits patients receive from having their implant components registered on the DIR.



It's worth noting from a recent DIR survey of our Users, we have a **99% opt-in rate** by patients.

Patients want access to their own data, and are happy to pay the small DIR fee to achieve this.



IMPLEMENTING THE DIR IN YOUR PRACTICE

Implementation of the DIR in your Practice is a very simple process:

REGISTER YOUR PRACTICE

This process only takes about **5 minutes**, and the DIR team can assist you with this.



STAFF TRAINING

It is advised that your staff attend a short Zoom Training Session, where a DIR team member will run through the functionalities of the registry, how to implement it within your current protocols and answer any questions your staff may have. This training only takes **15 - 20 minutes**.



DIR PROVIDES YOUR PRACTICE WITH ASSETS

Once registered on the DIR, our team will send you all the assets you will need to **seamlessly integrate DIR** registrations into your current protocols. This will include Patient Flyers, Registration Forms (if required) and a variety of Youtube links and PDFs to supply to staff and patients.

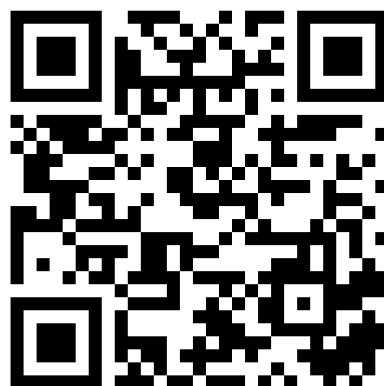


ONGOING ASSISTANCE

The DIR team will **always be on hand** if your team requires support, and can be contacted via email, sms, phone and our in-chat function as well.



**SCAN THE QR CODE TO
REGISTER YOUR PRACTICE**





DIR INFORMATION

FOR MORE INFORMATION PLEASE CONTACT:



admin@dentalimplantregistry.org.au



0439 007 512



"Providing Better Patient Outcomes"