

DENTAL IMPLANTS

Let us introduce you to a great step forward in dentistry.

Implant dentistry can replace your missing teeth.



What is a dental implant?

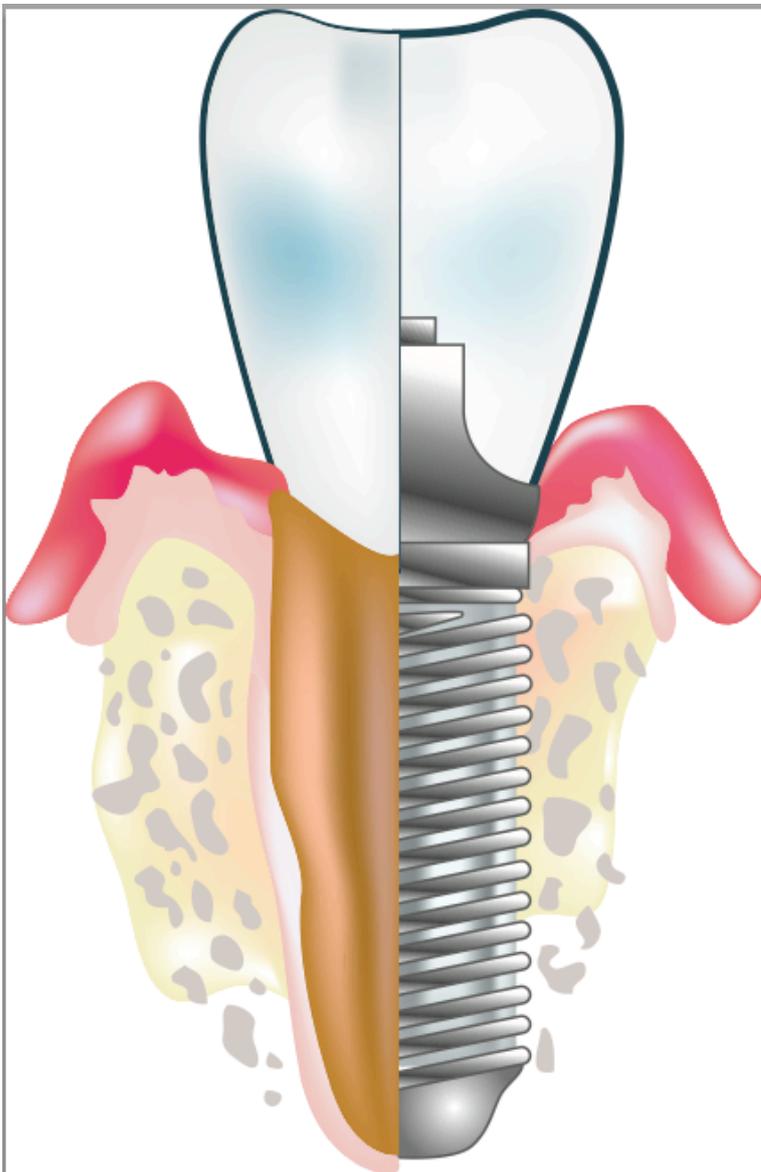
Dental implants are the most advanced way to replace a missing tooth or teeth. It is a replacement root made most commonly of titanium which is implanted into the jaw in areas where a tooth or teeth have been lost.

This then acts as a root and a replacement tooth can then be fixed to it in a similar way as a crown. They are currently the closest you can get to natural teeth and although it is impossible to beat or replicate a healthy

natural tooth it is often reported by patients that implants look, feel and function like natural teeth.

Dr. Noel Henderson
BDS DPDS MJDF RCS Eng MFDS RCS Edin MSc. RCSI

The Oak Dental Practice
Ballaghaderreen
County Roscommon



What are dental implants ?

Dental implants are the new standard of care for tooth replacement.

They are secured into the bone to provide permanent support for crowns, bridges and dentures.

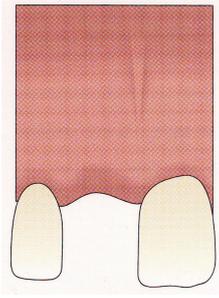


What does the treatment involve?

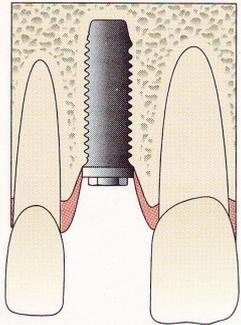
Most implants are placed under local anaesthesia similar to that used for fillings or extractions. They are inserted into the jawbone after a small cut is made in the gums. The duration and complexity differs from case to case and it is important to make sure you understand how complex your own plan is. For more complex cases or nervous patients it may be advised to consider conscious sedation.

After a period of time the bone into which the implant is placed will attach to the surface of the implant. A small metal pin is then fitted onto the implant upon which a final restoration in the form of a crown or bridge or over-denture is fixed. The time required to complete treatment also differs from patient to patient and their individual treatment plan.

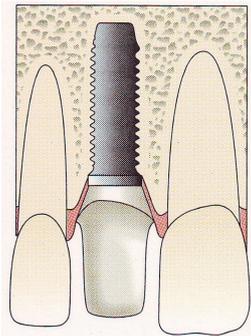
Your teeth restored in five stages



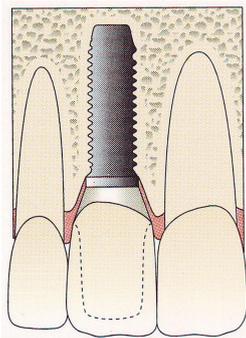
Evaluation & Assessment.



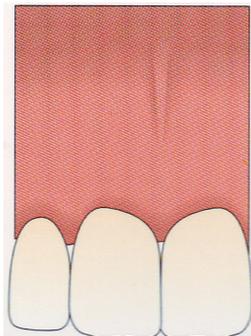
Placement of artificial root.



Connection of root extension.

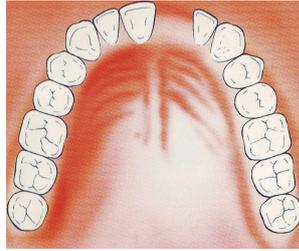


Fixation of artificial crown.



Follow up & Review.

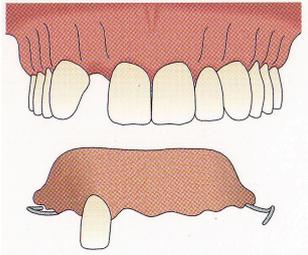
Missing one tooth



- Cosmetic problem.
- Functional problem.
- Causes adjacent teeth to drift
- Opposing teeth over erupt
- Bone resorption

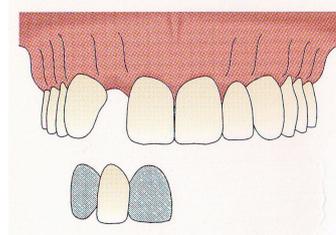
Removable partial denture

- ✓ Relatively low cost
- ✓ Long-known treatment
- ✗ Poor cosmetics
- ✗ Can be socially embarrassing
- ✗ Removable.
- ✗ Can be uncomfortable.
- ✗ Difficulty speaking.
- ✗ Difficulty chewing.
- ✗ Altered taste of food.
- ✗ Difficult to adjust to.
- ✗ Increased risk of tooth decay.
- ✗ Risk of bone resorption.
- ✗ Clasps may damage teeth



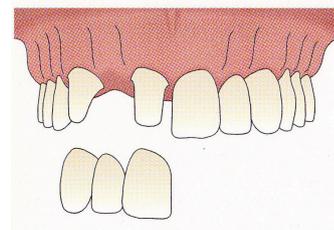
Resin retained bridge

- ✓ Fixed.
- ✓ Relative low cost.
- ✓ Short treatment time.
- ✗ Poor cosmetics as metal may show through.
- ✗ May loosen.
- ✗ May irritate gums.
- ✗ Increases risk of caries.
- ✗ Risk of bone resorption.
- ✗ Risk of fracture to restoration



Fixed partial bridge

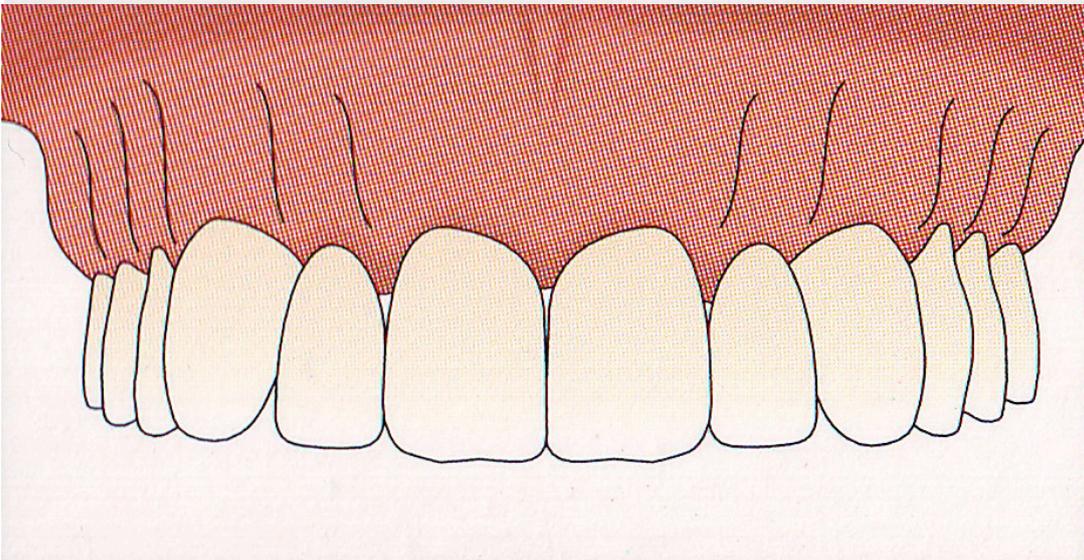
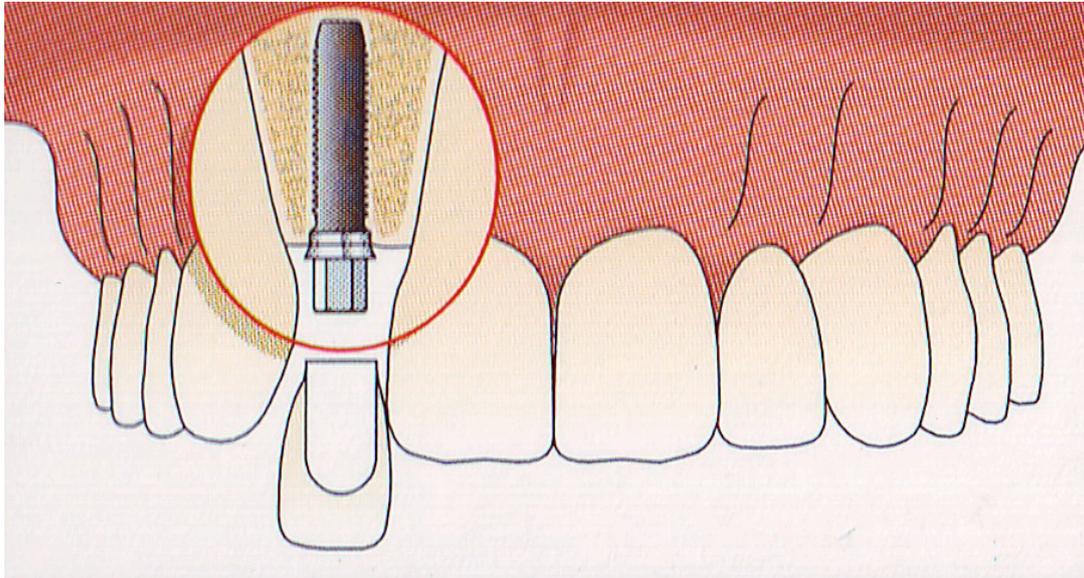
- ✓ Cosmetic.
- ✓ Fixed.
- ✓ Well proven treatment
- ✗ Damage to adjacent teeth.
- ✗ Relatively expensive.
- ✗ Risk of caries.
- ✗ Cosmetic problems over time as gum recedes.
- ✗ Cement may dissolve.
- ✗ Risk of bone resorption



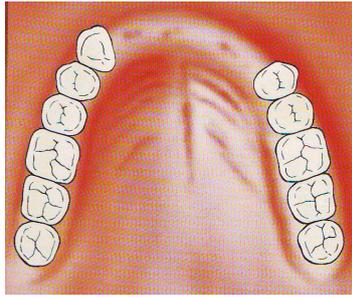
A dental implant replaces your tooth - crown and root.

Implant supported tooth

- ✓ Fixed
- ✓ Cosmetic
- ✓ No damage to adjacent teeth
- ✓ Fully functional
- ✓ Reliable and stable
- ✓ Stops bone resorption
- ✓ Well documented treatment
- ✓ Long-term solution



Missing several teeth



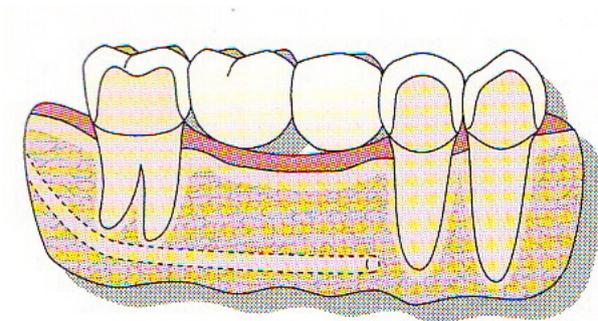
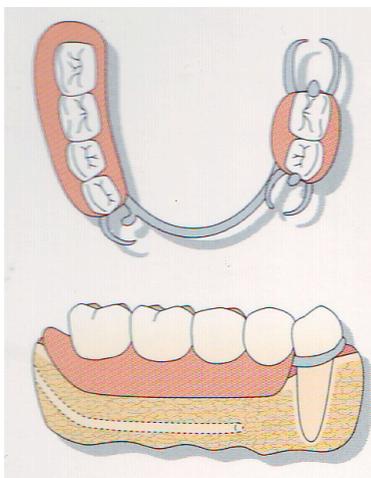
- Cosmetic problem.
- Functional problem.
- Causes neighbouring teeth to drift
- Opposing teeth over erupt
- Bone resorption

Removable partial denture

- ✓ Relatively low cost
- ✓ Long-known treatment
- ✗ Poor cosmetics
- ✗ Can be socially embarrassing
- ✗ Removable.
- ✗ Can be uncomfortable.
- ✗ Difficulty speaking.
- ✗ Difficulty chewing.
- ✗ Altered taste of food.
- ✗ Difficult to adjust to.
- ✗ Increased risk of tooth decay.
- ✗ Risk of bone resorption.
- ✗ Clasps may damage teeth
- ✗ Wear on appliance

Fixed partial bridge

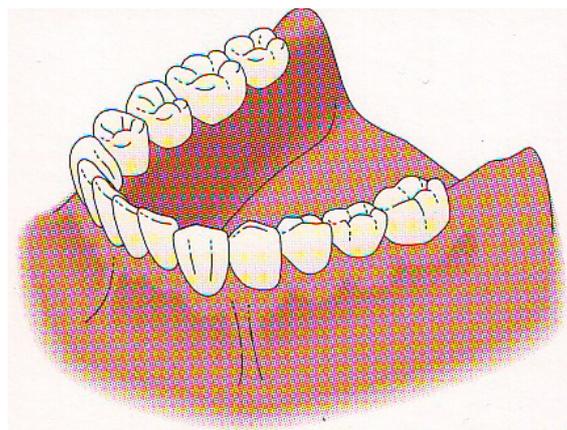
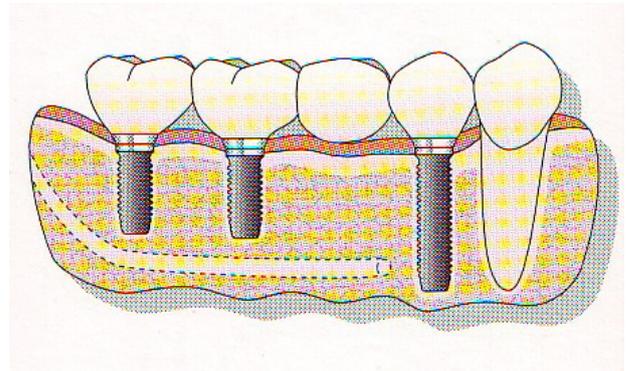
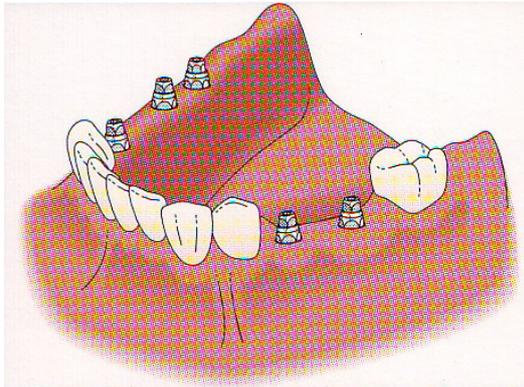
- ✓ Fixed.
- ✓ Long-known treatment
- ✓ Cosmetic.
- ✗ Damages adjacent teeth.
- ✗ Cement may dissolve.
- ✗ May irritate gums.
- ✗ Increases risk of caries.
- ✗ Risk of bone resorption.
- ✗ Semi-permanent.
- ✗ Relatively expensive.



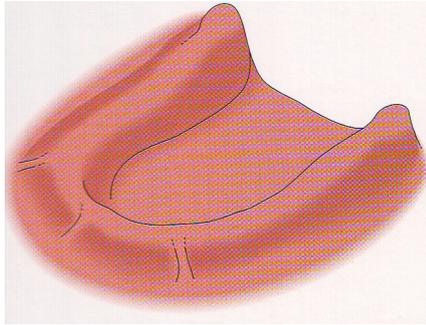
Dental implants let you have back what you have lost.

Implant supported teeth

- ✓ Fixed
- ✓ Cosmetic
- ✓ No damage to adjacent teeth
- ✓ Fully functional
- ✓ Reliable and stable
- ✓ Stops bone resorption
- ✓ Well documented treatment
- ✓ Long-term solution



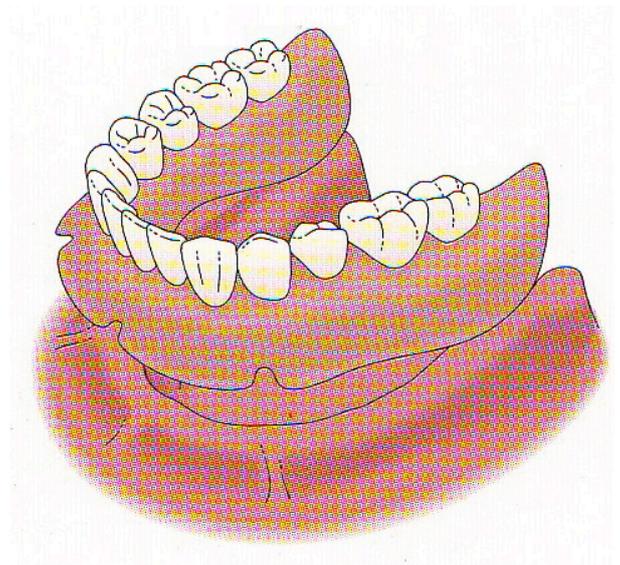
Missing all your teeth.



- Cosmetic problem.
- Functional problem.
- Opposing teeth over erupt.
- Bone resorption.
- Premature facial ageing.
- Psychological aspects.

Complete denture

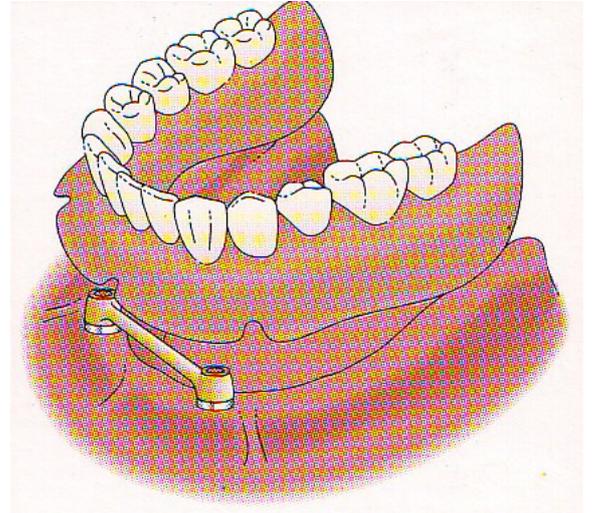
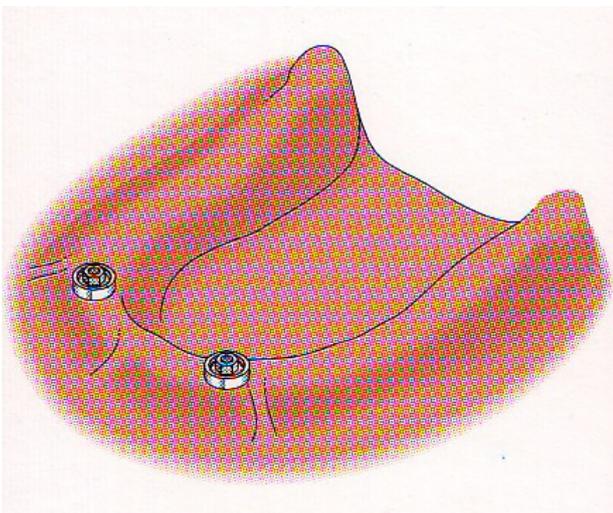
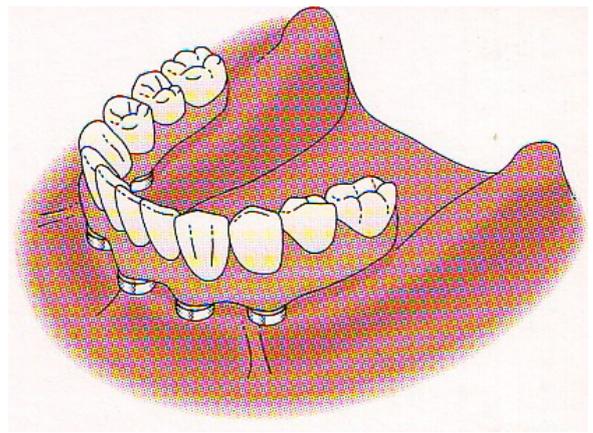
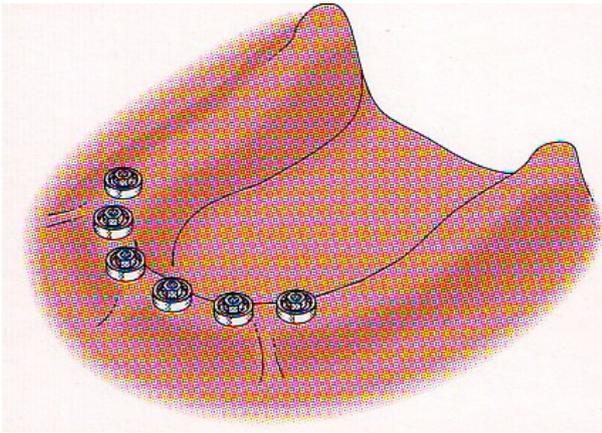
- ✓ Relatively low cost
- ✓ Long-known treatment
- ✗ Poor cosmetics
- ✗ Can be socially embarrassing
- ✗ May move or fall out
- ✗ Can be uncomfortable
- ✗ Difficulty speaking
- ✗ Difficulty chewing
- ✗ Altered taste of food
- ✗ Difficult to adjust to
- ✗ Risk of bone resorption
- ✗ Multiple adjustments
- ✗ Wear on appliance



Dental implants are one of the most significant advances in dentistry.

Implant supported teeth

- ✓ Fixed
- ✓ Cosmetic
- ✓ Fully functional
- ✓ Reliable and stable
- ✓ Stops bone resorption
- ✓ Well documented treatment
- ✓ Long-term solution



Are you suitable?

There is hardly anybody who is not suitable for implant treatment, with the exception of certain medical conditions, managed during implant treatment, can lead to a successful outcome. It goes without saying that your dentition must be healthy and free of gum disease. Even patients with severe loss of bone in their jaws or several missing teeth or even no teeth left at all will qualify for implant treatment, although this might require a more complex treatment plan. Growing or transplanting new bone may be required.

What to expect after treatment, Aftercare

When treatment is completed you can expect to use implant supported teeth in a very similar way to natural teeth. It is very important to understand that implant supported teeth need ongoing daily cleaning and maintenance just like normal teeth. They are very easy to clean and you will be shown how to do this.

However failing to clean around implants on a daily basis will result in probable failure. Regular inspections by the dentist will also form part of the ongoing maintenance programme. We advise that you see a hygienist twice a year as part of your implant care.



Choice of Implant System & Costs

There are several brands of implants that you can select from, we have decided to exclusively use Straumann dental implants. These implants are made in Switzerland and are guaranteed . This brand of implants have a proven long term track record supported by clinical trials, once you have your implant placed we will provide you with an “implant passport” which has a serial number for your implant, this carries a warrantee from Straumann.

We could place inferior cheaper dental implants, however long-term it may prove to be difficult or even impossible to work with these implants.

Before starting implant treatment we will take impressions of your teeth, x-rays of your jaws and photographs of your smile. After this we will explain to you what type of implant can be placed.

A full implant assessment costs €150, if you decide to proceed with treatment we will provide you with a copy of our report and this cost will be deducted from the overall cost of your implant treatment.



Dr . Noel Henderson

BDS DPDS MJDF RCS Eng MFDS RCS Edin MSc RCSI

Member of the Irish Faculty of Primary Dental Care
Member of dental faculty Edinburgh College of surgeons
Member of dental faculty Royal college of surgeons UK
Fully registered with the Irish Dental Council