

QUEENSWAY

DENTAL PRACTICE

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Queensway Dental Practice has been involved in the management of patients using dental implants for the last 14 years with a dedicated team of professionals including our visiting Consultant Maxillo-Facial Surgeons. The dentists involved in your implant care are;

- **Dr. Paul Averley** (BDS, DGDGP, Dip Con Sed, MPhil, PhD, MSc Implant)
- **Dr. Ian Lane** (BDS, MFGDP, Dip Con Sed, MSc Implant)

These dentists are supported for complex bone grafting and larger implant cases, by our visiting Consultant Maxillo-Facial Surgeon

- **Mr. Richard Langford** (FRCS, FDSRCS, MBChB (Hons), BDS) who is also an NHS consultant surgeon at James Cook University Hospital.

We are also proud to announce that a new specialist periodontist, Mr Geoff Sharpe has joined our team in 2009. Dr Sharpe will be available to manage complex periodontal or gum problems and he will add his expertise to all aspects of dental implant treatment.

- **Dr. Geoff Sharpe** (BDS, MFDS RCS, MSc, MRD (Perio) RCSEd)

Based in Billingham town centre the practice has a long history of managing a wide variety of patient's from all over the North East of England. The practice has been recognised for its high standards in general dentistry by the British Dental Association's 'Good Practice Award' and an 'Investors in People' award since 2004.

At the start of February 2009 a brand new specialist clinic was opened opposite the original Queensway Dental Practice. This new clinic will provide facilities for three new specialist dental services. These services include oral surgery, orthodontics and dental implantology. A photograph of the new implant and oral surgery clinic is shown below.

Queensway Dental Practice Specialist oral surgery and dental implant clinic



The Queensway Dental Team

The dental practitioners involved in implant treatment have all demonstrated a very high standard of continuing professional development over the last ten years.

Paul, and Ian have successfully completed an Implant Masters degree at Warwick University. Both Paul and Ian Qualified from the three year training programme with distinction grades for dissertation and overall marks, respectively. Paul and Ian are also members of the Association of Dental Implantology and regularly attend national and international conferences and training days.

Richard Langford is qualified in Dentistry and Medicine and is involved in implant therapy at James Cook University Hospital and Queensway Dental Practice. Our implant co-ordinator is Mrs Collette Cross who will be happy to support you through the implant treatment process. All implant supported prosthesis (Crown, bridges or dentures) are constructed at a carefully chosen laboratory in London at Yeatman & Kerwick of Harley Street.

The information enclosed in this pack provides a summary of some the different dental implant treatment options. Further information and bespoke treatment plans will always be available following your initial consultation with Paul, Ian or Geoff.

A guide to our implant fees is shown below and further details can be found on our website. And further details are shown below.

Dental Implants at Queensway

Many people experience tooth loss – whether it be a single tooth that is lost or multiple teeth. New advances and technical innovations make it possible to replace missing teeth permanently without treating or touching adjacent teeth, and the end result is that only you know that you have ever lost a tooth. People affected by tooth loss often find eating in public difficult and traumatic and have little confidence about their smile. When teeth are lost your jaw bone actually shrinks away, and from scientific research we know that wearing dentures accelerates this process. This in turn affects the muscle tone to the face reducing bone support for the lips and cheeks eventually leading to a typical denture look, where lips and the lower part of the face collapse producing an ageing effect.

Implant success rates:

Conventional implant success rates are very high at 90-95%. This means that 1 in 10 implants in the upper jaw and 1 in 20 implants in the lower jaw fail to integrate successfully.

A recent study of Queensway's last 100 implants showed an overall success rate of 96%. Two of these implants failed in the early stages of healing because the patients were regular smokers. **We advise all patients seeking implant care to avoid smoking around the time of implant placement or ideally stop smoking completely.**

If any implants fail they will be replaced by the practice at no extra charge within the first year. After one year patients are offered an insurance scheme which protects the implants against unforeseen trauma or emergency cover whilst travelling abroad.

Queensway Dental Practice Implant pricing structure;

- Initial implant assessment £70
- Full case assessment £150
- Study models £65
- CT scanning £500
- Surgical stent £120
- Bone grafting £350
- Sinus grafting £950
- Implants for denture support £1800
- Implants for crown or bridge £2100

Implant supported full arch bridgework

Full arch bridgework is the name given to the replacement of a large number of missing teeth or all teeth in the upper and lower jaws. Opting for dental implants will ensure that your teeth look and feel natural and will function like natural teeth when you are eating and talking without having to take them out to clean or at night. They are fixed permanently in place so that the only one who knows you have implants is you!

This treatment involves placing the titanium posts into the jaw bone, where they fuse to provide a secure foundation for your replacement teeth. These implants can often be restored immediately after the surgery with a carefully designed denture to replace the missing teeth before the final bridgework can be constructed.

Mr H Peterlee

With a history of failing lower arch bridgework Mr H was experiencing difficulties eating normal foods. The solution was to remove the infected lower natural teeth and replace them with implants and new fixed bridgework in the lower jaw. This process took less than one year from start to finish and the patient was very pleased with the end result.

Patient Comments

Mr H. - December 2006

"I am writing this letter to thank you and your staff for the wonderful job you did with my implants.

The way you kept me informed throughout the visits and fitting processes was reassuring and put me at ease.

Family and friends say they cannot tell the difference between the real teeth and the implants"

"I am going out for the steak I promised you just before Christmas"

Single tooth Implant

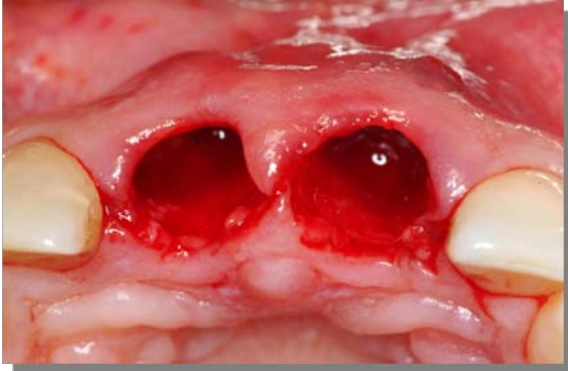
If you have a missing tooth – whether it be a recent accident or something you have lived with for years; a dental implant can be the way forward to renew self-confidence and peace of mind. When teeth are missing, the bone that previously supported them recedes and shrinks away. Therefore by replacing the missing tooth with a dental implant the bone is preserved along with the facial structures.

Ultimately your replacement tooth must look and feel natural – both to yourself and other people; and function like a natural tooth by remaining secure while you talk and eat.

This treatment involves placing a titanium post, which fuses with the jawbone to provide a secure foundation for your tooth replacement. Often the implant can be placed and restored by a temporary bridge or denture on the same day whilst the implant heals in the gum for the required length of time (usually 4-6 months).

Alternatives to single tooth implants can be adhesive or conventional bridgework, both of which have potential drawbacks. Adhesive bridgework has an unpredictable long term success, whilst conventional bridgework means heavily preparing (drilling) adjacent teeth.

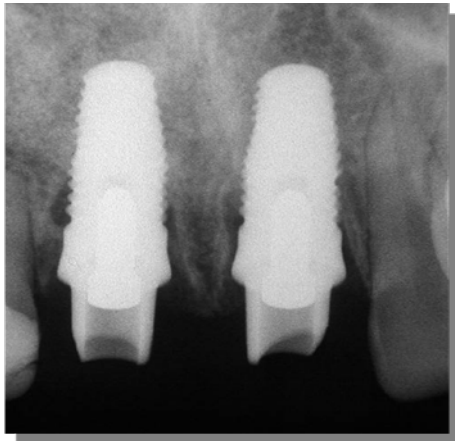
The space immediately after two front teeth have been removed. Photographic series supplied by one of our implant manufacturers (Biomet 3I)



Dental implants in place after the gum has healed. Around 4 months following implant placement



Radiograph of above implants healed in bone



Completed implant crowns replacing two front teeth



Patient Comments from Queensway Implant patient

Mrs G. Billingham Feb 2007 (single tooth implant)

"I was 9 years old when I started to have problems with my top front tooth. I was accidentally kicked in the face which resulted in many abscesses on the root of this tooth. At 23 yrs of age I eventually lost this tooth and it was replaced with a denture followed by a bridge. Both of which I found uncomfortable."

Recently I was given the chance of an implant tooth replacement at Queensway Dental Practice. Although the treatment was expensive, it has been the best money I have ever spent. It has changed my life. I have more confidence and I can't stop smiling. I can't thank you enough."

Implant retained dentures using magnets or connectors

For patients who have worn dentures for many years and struggled to support one or both sets of dentures, implants can help your confidence!

Implants can be placed under the gum and used to secure a denture in a patient's mouth using special magnets or connections held on top of the implant and secured inside the denture.

This is the ideal option for patients not wanting to undergo the complex surgery and multiple visits required for full arch bridgework, or for those patients who would prefer to invest in a more evidence based technique as an alternative to mini implants.

Locator abutments photographs taken from Biomet 3I product brochure



Patient comments from Queensway:

Mrs A Billingham 2006

"I had two remaining lower roots in the gum which were failing. I was advised by my dentist to consider implants to help secure my lower denture. I was given detailed written and verbal information regarding the procedure, duration and cost and sufficient time to make an educated decision whether to proceed or not.

The implants were fitted in April 2006 under local anaesthesia. A small amount of swelling and discomfort lasted for 2 days and a week later following examination I was able to wear my denture again.

In December 2006 an attachment was fitted to the implants and a magnet to the new dentures, which holds the new denture to the lower implants. Since completion I have not experienced any problems, my denture is completely

*secure and I talk and eat with complete confidence.
I would definitely recommend this procedure.”*

Mini Implants

Mini implants can be placed quickly and efficiently as they are much smaller than conventional implants and with little or no discomfort or inconvenience to the patient. This newest implant allows for cheaper and easier placement and is becoming extremely popular in the UK. Mini implants are smaller than the traditional implants and consist of titanium pegs, no bigger than the width of a matchstick. These pegs are placed into tiny perforations in the gum, made under local anaesthetic.

The peg is then used as a “virtual root” and patients can have several mini implants placed to stabilise an upper or lower denture. This minimally invasive procedure means that healing is often painless as well as swift. In addition the costs connected with complex dental surgery in the case of traditional implants are avoided, resulting in a more affordable treatment for all.

These mini implants are primarily used for stabilising lower dentures in patients who are not able to consider conventional implant treatment. If your dentures are moving in position and irritating your gum then mini-implants have proven effective to stabilise your denture long term.

Typical benefits of mini implants...

- Non surgical, minimally invasive technique (avoids cutting the gum, less trauma and often painless healing)
- Ultra-simple and speedy procedure
- Cost effective (reduced surgery time and equipment costs are passed onto the patient)
- Designed for thinner bone (avoids the trauma and cost of bone grafting)

Draw back of mini implants...

- Smaller implants means less surface area and reduced ability to resist biting forces
- Newer technique indicates less evidence available for their long term success
- Unable to be covered by the Queensway Dental Practice implant insurance scheme provided by LAMP Implant Insurance Services

If you have any queries regarding the information provided in this booklet or information provided by your implant dentist at Queensway, please do not hesitate to contact us by phone, letter or email. Thank you for taking time to consider this information provided.

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