



# The Hub Dental Practice



## Dental Implants at The Hub Dental Practice



We want to be as up front as we can about costs and timescales. Because we feel this allows our patients to plan their treatment. For more information please have a look at <http://www.miltonkeynesdentalimplants.com> and <http://cambridgedentalimplants.com>

At each stage we will give you written confirmation and plans so that you know exactly what is going on.

We offer the full range of implant treatments. We offer an affordable option for the simple single unit implants. We also offer a simple solution for patients with no teeth and who hate their loose dentures etc.

Our implants team offer bone grafting and augmentation in an ultra modern and safe environment.

### Our Implant team

**Dr Jaime De Castro Torres, Dr George De Castro Torres, Dr Iyad Abou-Rabii and Dr Ezgi Cilingir.**

The team has, between them, many years of experience in both the straight forward and the more complex implant cases including full mouth reconstructions.

The team has a wide experience of the simple and complex case and carries out all the procedures including any preliminary work like Sinus lifts and other Oral Surgery Procedures.

The team between them has placed considerably more than 2000 implants and continue to place 100's of implants a year. They carry out a full range of implant treatment options including bone grafting and augmentation, Sinus Lifts and implant retained dentures.

Jaime and George are very experienced with Dental Implant Treatments and between them have placed 100's of implants. Jaime is an avid attendee at post graduate courses including a recent 7 day international course.

Jaime and George are taking a 3 year Post Graduate Masters in Clinical Dentistry (MClindent). The course is part of the pathway towards "Specialist" Status.

Iyad offers a full range of Oral Surgery and Implant treatments. Iyad is an extremely experienced surgeon with and extensive experience in general dental surgery and Dental Implants. Iyad has completed more than 2000 implants, and more than a 1000 minor oral surgery procedures (impacted teeth, Apicectomies, Frenectomies, Bone augmentation etc).

Iyad has published many articles in international Dental and Medical Journals.

From 07/03/2011 to 31/07/2015 Iyad was Clinical Teaching Fellow (Implant Dentistry) University of Warwick Course Director (Masters in Implant Dentistry).



George



Jaime



Iyad



Ezgi

Ezgi is currently applying for Specialist Periodontitist Status. She is very experienced at placing implants and also treating Peri-Implantitis. Ezgi has a PhD related to Implants and Periodontal disease.

# Other Implants Related Leaflets

## 1. Gaps and Spaces

## 2. Bone Grafts

# Dental Implant Consultation

The treatment planning for Implants follows the same general format whether the case is a single Implant or Multiple Implants.

We strongly suggest that patients research Dental Implants before their appointment, and we offer a few leaflets with some useful information. (See later)

## Your Dental Implant Examination

We will start off by completing

**A full Dental Health History**

**A full Dental Examination including Cancer Screening**

We will always need x-rays (patients will often have them already)

We will usually take pictures and Study Models

If there are other dental problems then we will give you a separate treatment plan for these as well.

We will then have a discussion about the options and we have a number of leaflets that we give to patients;

We will then give you a written treatment plan with costing's and time frames.

We will then encourage the patient to ask as many questions as they need to.

We like patients to feel that they are under no pressure to agree to treatment so we always suggest at this stage that the patient to go away and think about what they want to do. If the patient agrees, we then make another appointment when the discussion continues and a treatment plan is agreed.

The way forward for the Treatment may be to proceed with the treatment, defer the treatment, or continue to think about it.

At the end of this visit we will give you a written treatment plan for

1. The proposed implants including options and choices
2. Any other dental treatment that is required prior to having the implants.

## Charges for Dental Implant Consultation

We offer a Free Consultation with one of our implant dentists, this does not include X-rays

### For Patients who want a full treatment plan:

We have a special offer:

£25 for the examination + the cost of any X-rays

OR Free Examination for any of our patients who have had a Full Dental examination in the previous 12 months

OR Free Examination for any patient who brings a written treatment plan that includes implant treatment and is no more that 12 months old.

## CT Scans

Sometimes we need to get a CT Scan (3D X-ray) and final treatment plan and costs will depend on findings. The cost of a CT scan is £95.00.

The scans vary in sizes and dosages and we always do the scan that requires the least radiation dosage. All Ct Scans are £95.00

We will go through the treatment plans with you and answer any questions you may have.

We then encourage you to go home and have a good think and perhaps do some online research. We usually give patients some extra literature to take home and read, including a consent form.



## Second visit is a consultation

### First Part

We will discuss the treatment plans we gave you at the previous visit and you can ask any questions you wish.

At the end of this part of the visit you should be able to decide whether you want to start the treatment. If you need more time or decide not to proceed then there is nothing to pay

**Cost of the second consultation visit is free**

### Treatment Phase

At this stage you will have a

**Written treatment plan   Written Appointment schedule   Written Payments schedule**

And what these include will depend on what has been agreed

### Financing the Treatment

We offer our Patients a full range of options

**Our Patients can Pay by:**

A loan for up to 5 years. (Subject to status)

Interest Free Credit. (Subject to status) \*

Bank Transfer

Cash.

Debit and Debit Cards.

Patient Finance and Interest Free Credit

We invite patients for a Private and Free Consultation about Finance.

All Credit Arrangements are Subject to Credit Checks Provided through [Hitachi Finance UK](#)

Dr David and Mrs Nur Gilmartin is a credit broker Authorised and regulated by the Financial Conduct Authority that has a commercial relationship with the lender Hitachi Capital UK PLC

Dr David and Mrs Nur Gilmartin is unable to provide independent financial advice

### Useful Information on our Website

Our Website contains lots of information on "The Various Types of Implants" including

**Single Implants**

**Multiple Implants**



## Implant Retained Dentures



## Ball and Socket



## Bar Retained

Our Website contains lots of information on **"What to expect"** for each procedure including

Placing The Implant

Restoring The Implant

Maintaining Placing The Implant

Bone Grafting and Sinus Lifts

### Costs (From 1<sup>st</sup> April 2018)

It is very difficult to give a pricing before we see the patient as all teeth are different.

**But if the charge is more than the starting price then we will explain why**

For example the charge may be £1950 for the Implant + £275 for the bone Grafting + Extraction £125 = £2350  
For example the charge may be £1950 for the Implant if no extras = £1950

- Single implant £1250 (Average case cost is £1950)
- Single implant £1950 (Includes Crown) (Average case cost is £1950)
- Two single implants from £3500 (Average case cost is £3700)
- Three single implants from £5100 (Average case cost is £5200)
- Two implants supporting small bridge (3 teeth) from £4500 (Average case cost is £4650)
- Three implants supporting a large bridge (5 teeth) from £6200 (Average case cost is £6550)
- Complete arch five or six implants) from £8500 (Average case cost is £8650)
- 2 implants and a full lower denture from £2400 + Denture (Average case cost is £2400 + Denture)
- 4 implants and a full lower denture from £4400 + Denture (Average case cost is £4400 + Denture)
- Sinus Lift from £700 (Average case cost is £910)
- Bone Grafting/Augmentation at time of placing Implant from £250 (Average case cost is £300)
- Bone Grafting/Augmentation as a separate procedure from £300 (Average case cost is £350)
- Collagen Membrane from £200 (Average case cost is £200)

**All prices include implant, abutment and tooth restoration.**



We offer a range of implants which offer a shorter period between placement and finish of the restoration

Implant surface with an innovative concept SLActive:

### Surface technology

Therefore this new type of dental implant surface may result in a 60% higher bone contact with the implant after insertion than traditional SLA implants.

The osseointegration of the dental implant follows much faster. Up to this point were titanium surfaces of implants sand blown and acid burnt on the basis of partial micro structuring with hydrocarbon and carbons first water-repulsive.

The modified sand blown and acid burnt surface SLActive is produced by an N<sub>2</sub>-atmosphere and after the acid burn merged into an isotonic sodium chloride- solution.

This happens to prevent any contact with molecules from the atmosphere.

The Straumann dental implant evolves its water-repulsive feature already when coming in contact with blood when planting it in.

So is blood immediately occluded in the micro pores of the implant?

Two characteristics determine the advantages of the Straumann dental implant: the water-repulsive characteristics of the implant mean that the surface which may come in contact with blood becomes bigger and so the attachment to the bone cells becomes more optional.

Besides the chemically activated implant surface is conditioned to the absorption of proteins. So is an immediate direct contact with blood assured. This optional bind of all blood and bone cells to the water-repulsive implant surface assures fast healing of implants with SLActive surface.

### Innovative Surface

#### From surface topography to surface chemistry

We look back on a long tradition as a pioneer in the area of surface technology: In 1994 was the innovative SLA®-Surface developed, which reduced the average healing time from 12 weeks to 6-8 weeks.

Shortly after its introduction the macro- and micro-structured osseointegrative SLA® - surface was made to golden standard.

With the SLActive was the defended concept SLA®-surface with a step further developed and so it became a standard in surface technology.

With the help of molecular optimisation and remarkable reduction of the healing time from 6-8 weeks to 3-4 weeks opens SLActive new opportunities and challenges in treatment which may appear in the daily praxis.

And the cost? SLActive Implants are £2250 including the abutment and restoration



# Metal Free Implants

## Why ceramics?

More and more people tend to find that they are incompatible to conventional titanium implants. Negative reactions to the metal have been found over the past few years. A replacement material is now available with modern high-performance ceramic zirconium oxide, which also brings aesthetic benefits:



- Significantly less plaque forms on zirconium oxide ceramics. This reduces the risk of peri-implantitis, cardiovascular disease and stroke.
- The gingiva deposits very well on zirconium oxide and thus provides very good red-white aesthetics. Through the white material - very similar to the natural tooth - no gray rings or shadows are visible even with thin or receding gums.
- Zirconium oxide ceramics are extremely biocompatible and do not irritate the immune system. There are no known incompatibilities or allergies to this material.

## Ceramic implants - the natural alternative

With metal-free high-performance ceramics, you receive not only an aesthetic and reliable implant treatment; you can also ensure that the disadvantages which metallic titanium implants may exhibit do not occur. No allergies or intolerances are known to ceramic implants.

## Ceramic implants from Z-Systems - Your Alternative

Secured by scientific research over 14 years, and with excellent clinical results, implants from Z-Systems have outstanding safety and are long-lived.

### Material

All Z5 implants are made from TZP- A Bio-HIP® zirconium oxide. The material reaches its flexural strength, which is higher by far than conventionally used titanium, through the "Hot Isostatic Post compaction" process, among other things. In this step, the material is densified by sintering in a tunnel oven for three days at 2000 bar, so that the physical properties of the base material can be significantly improved.

Not only implants, but all instruments that come into direct contact with the surgical field are made of zirconium oxide. The cutting instruments are made of high strength ATZ high-performance ceramic (alumina toughened zirconium oxide). This zirconium oxide which is strengthened by aluminium oxide is ideal for the production of drills and taps. These ATZ drills have excellent cutting performance and low wear. Scalpels and raspatories are manufactured from zirconium oxide using an injection molding process.

### Biocompatibility and bone integration

Due to years of use of this material for dental reconstruction and its use in orthopaedic, zirconium oxide is known to be highly biocompatible. This has been shown in a large number of clinical studies.

Zirconium oxide has comparable bone integration to commercially pure titanium. Sennerby et al. (Gothenburg, Sweden) have shown in an animal study that the removal torque of zirconium oxide implants with a rough surface is comparable after 6 weeks to the removal torque of titanium implants with a rough surface. Gahlert et al. (Munich, Germany) showed in an animal study that zirconium oxide implants with a roughened surface have better stability than machined zirconium oxide implants. The roughening of the surface increases bone apposition and has a positive effect on removal torque.

And the cost? Ceramic NON METAL Implants are £2850 including the abutment and restoration

# Bone Augmentation Bone Regenerative Surgery



Geistlich Bio-Oss® is the leading natural bone substitute in regenerative dentistry worldwide.

The outstanding osteo-conductive properties of Geistlich Bio-Oss® lead to effective and predictable bone regeneration.

Geistlich Bio-Oss particles become an integral part of the newly formed bone framework and preserve volume over the long term.

Subsequent application of a [Geistlich Bio-Gide®](#) collagen membrane enables undisturbed regeneration in the augmented area.



Leading clinicians rely on Geistlich Bio-Oss® because:

Geistlich Bio-Oss® augmented bone leads to high implant survival rates, comparable with implants placed in pristine bone.

Geistlich Bio-Oss® is easy to apply and can be used the most varied indications.

Geistlich Bio-Oss® is validated by 25 years of successful use and testing, documented in more than 900 scientific publications.

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## Guided Bone Regeneration

Guided Bone Regeneration uses the body's regenerative capability to reconstruct missing bone. Compared to other regenerative techniques.

GBR has proved to be especially dependable. Predictable results can be obtained both functionally and aesthetically, even in complex cases.

The GBR success story is the result of close and inspiring collaboration between Geistlich Biomaterials and leading dental specialists.

The combined application of Geistlich Bio-Oss® and Geistlich Bio-Gide as a part of GBR is today considered the standard therapy.





Step 1



Step 2



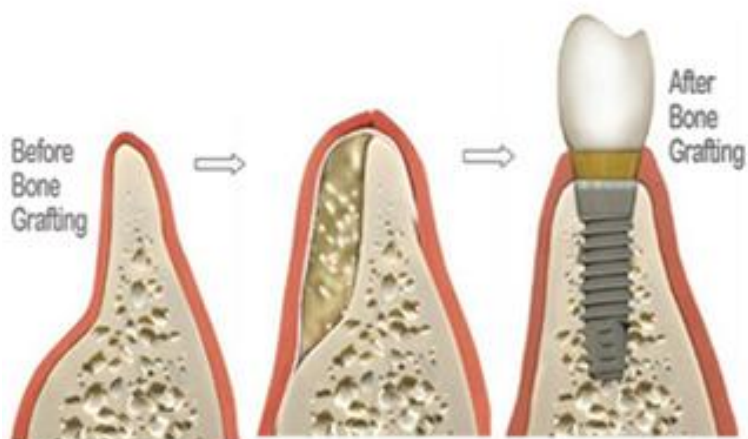
Step 3



Step 4



Step 5



Implant Placed

Before Bone Grafting  
- Thin Wall

Bone Grafting Healing

