



SOLIHULL
DENTAL IMPLANT CENTRE

Why choose SDIC?

Solihull Dental Implant Centre (SDIC) was established to allow patients and dentists to benefit from an implant team with the experience and expertise to provide an excellent standard of care.

Our Philosophy is to work in partnership with our referring colleagues to provide high quality comprehensive dental implant therapy in a professional and caring manner. To educate and enhance dentist and patient awareness and understanding of dental implant therapy.

How we can help

By working with referring colleagues we can provide a comprehensive package of care in a hospital based environment offering security and confidence that patients demand and expect in implant treatment.

Our services

- **Diagnosis and Treatment Planning** – An experienced team with access to digital imaging and CT scanning and close liaison with experienced laboratories allows accurate diagnosis and management of simple and the more challenging cases involving hard and soft tissue deficiencies and those of a high aesthetic demand.
- **Complete surgical and restorative management** from start to finish
- **Surgical implant placement** – for colleagues who wish to restore their patients in their own practices
- **Bone and soft tissue augmentation and major bone grafting** – to manage the severely resorbed mandible, maxilla or partial edentulous alveolar ridge, using the latest Guided Bone and Tissue Regeneration techniques and harvesting bone from intra and extra oral sites.
- **Managing the failing dentition** – full mouth rehabilitation of the failed dentition with implant supported prosthesis
- **Managing failing implants** – repairing / rebuilding hard and soft tissue architecture associated with failing/failed implants to enable restoration.
- **LA / GA / Sedation services** to manage simple and extensive treatments and manage the anxious patient.

Our Referral Standards

- To ensure the highest level of service and professional care for our referring colleagues and patients.
- Effective communication, from initial referral to discharge, working with our referring colleagues and only providing care and treatment that has been mutually agreed.
- Consent – detailed written treatment plans and estimates of fees prior to treatment commencement
- Follow up care – when in the rare circumstances a complication may occur or should our referring colleague or patient have any particular concern with any aspect of treatment provided, we will ensure a quick and comprehensive response.

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0870 850 7703

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Meet the team

Our Expert Care



Dr Mohammed. Binamin BDS DRDP Principal Dentist & Implantologist

Bini is the principal of a dental practice in Knowle and is also based in the Maxillofacial Department at Solihull Hospital. He has extensive experience in placing and restoring implants and is currently studying for a higher degree in implantology.

He also sees patients at Solihull Hospital.



Mr Keith Webster BDS MBBS MMedSci FDS FRCS FRCS(OMFS) Consultant Oral & Maxillofacial Surgeon

Keith is based at University Hospital Birmingham, Solihull BUPA Parkway. He has extensive experience in intra-oral and extra-oral implantology from his work in head and neck cancer.

He also sees patients at Solihull Hospital & at BUPA Parkway

Our Team are delighted that you have chosen them to enhance your smile. From the moment you walk through the door, we will endeavour to provide the highest level of care and service. The centre has been designed with your comfort uppermost in our minds. You will receive a warm welcome from our team, who will put your wishes and desires first.

We are a team of dedicated specialists who are committed to the highest standards of care and who strive to maintain the highest standards in implant dentistry.

We are confident that your visit to the centre will be relaxing and comfortable and we aim to meet the expectations that specialist implant treatment can provide.

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Department of Maxillofacial Surgery Solihull Hospital



The Solihull Dental Implant centre at Solihull Hospital is an outpatient specialist clinic providing a specialist private referral centre for all stages of dental implant treatment.

Having your patient treated in a modern hospital environment provides you with the reassurance of a clinical setting where you are guaranteed the highest level of care and expertise. The Department and staff undertake rigorous training and works to exceptional standards of patient care and cleanliness.

Your referred patients are supported with high levels of equipment and standards, and the 24 hour support and follow up that may not be available in other settings. All members of staff have undergone specific training in implant surgery and the equipment used is maintained and sterilised to the highest standards of cleanliness.

Clinical Governance also provides the reassurance that your implant surgeon undergoes

a yearly appraisal to confirm that their surgical ability, knowledge and postgraduate training is optimal. The nursing staff will ensure that all your patients' needs and questions are attended to you and will provide both written and verbal advice to guide your patient through implant treatment. In partnership with you we aim to establish working relationship with your implant surgeon at Solihull so that your patients treatment will be seamless, and you will be kept fully informed at all stages of treatment.

Treatment is undertaken as an outpatient procedure under local anaesthetic or IV sedation. Following the minor surgery to place the implants your patient will then be referred back to you for the crowns or dentures or if requested this final treatment can also be provided at our centre.

We hope to provide you with a caring and reassuring environment where your and your patient's needs and desires are placed foremost.

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BUPA Parkway Hospital Solihull



The Solihull Dental Implant Centre at BUPA Parkway Hospital Solihull provides a specialist referral centre for patients who require dental implants.

Having your patient treated in a modern hospital environment provides you with the reassurance of a clinical setting where you are guaranteed the highest level of care and expertise. The facilities for implant placement and minor or major bone grafting under LA or GA are not available elsewhere in Solihull or immediate surroundings.

The Hospital undertakes rigorous training of its staff and works to exceptional standards of patient care and cleanliness. Your patient is provided with high levels of customer service and aftercare standards, coupled with 24 hour support and the follow up that you can expect from a major healthcare provider such as BUPA.

All members of staff have undergone specific training in implant surgery and works to the highest standards of cleanliness. Your Consultant Surgeon is both medically and dentally

qualified and undertakes all the implant surgery personally. A hospital setting also provides the reassurance that your implant surgeon undergoes a yearly appraisal to confirm that their surgical ability, knowledge and postgraduate training is optimal.

The nursing staff will ensure that all your needs and questions are attended to you and will provide both written and verbal advice to guide you through implant treatment.

Your patient may need bone grafts as part of your implant treatment and BUPA Parkway provides a modern operating theatre environment and in patient care for treatment under general or local anaesthetic.

Following the surgery to place the implants and bone grafts your patient will then be referred back to you for the crowns or dentures, or this can be provided at Solihull Hospital if desired.

We strive to provide you with a caring and reassuring environment where your and your patient's needs and expectations are placed foremost.

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INTRODUCTION COURSE – GENERAL DENTAL PRACTITIONERS

Dental Implant System: Clinical Coaching

Three Steps Towards Restorative Implants

Mr. Keith Webster & Dr Mohammed Binamin will present the Astra Clinical Coaching Programme for Dentists in Solihull. They will cover the basic sciences behind implant dentistry and an overview of the surgical and restorative procedures involved.

There will be 3 modular programmes aimed at providing Clinicians with the opportunity to receive theoretical and practical training on how to restore a variety of implant cases under supervision. The Clinicians will be “coached” by Mr. Webster & Dr Binamin through the process.

Clinical Coaching was created by Astra Tech to meet the recently issued “Training Standards in Implant Dentistry for General Dental Practitioners” after the Working group for Training Standards in Implant Dentistry under the chairmanship of Dr Michael Martin examined the current status of dental implant education in the UK and published their finding in July 2006.

This document suggested that GDP’s placing implants without major bone augmentation:

1. Have a detailed knowledge of the surgical anatomy of the maxilla and the mandible. The standard of this knowledge should be equivalent to that necessary for passing Dental Faculty membership examinations and ideally the practitioner should have passed one of these examinations.
2. Have a detailed knowledge of the pathological processes that occur in the maxilla and mandible.
3. Have a detailed knowledge of the radiology and radiography of the mandible and the maxilla, and how to interpret the findings from radiological examinations.
4. Understand in detail the healing processes that occur following surgery, and how to deal with post-operative complications.
5. Have a detailed knowledge of and have been trained in infection control and practical surgical aseptic techniques as applied to implant dentistry.
6. Understand the techniques involved in harvesting bone from oral sites for minor augmentation during implant placement.
7. Understand the use of exogenous bone or bone substitutes for minor augmentation in the placement of implants.
8. Understand antibiotic use in relation to implant dentistry.
9. Understand the clinical assessment of a patient’s suitability for implants, and the medical conditions that could preclude a patient from implant techniques, or complicate surgery.

clinical
COACHING

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Flow Chart of Dental Implant Referral

Complete Implant Referral
and Medical History forms

Contact Solihull Dental Implant Centre:

☎ 0870 850 7703

☎ 070 92 88 36 23

✉ info@solihulldentalimplantcentre.co.uk

📍 At address above

SDIC will confirm receipt,
and arrange patient consultation

Treatment plan agreed with patient
and copied to referer

Implant
Placement

Restorative Phase
via GDP

Restorative Phase via
SDIC

Treatment Complete
Discharge to referring Dentist

SDIC to provide ongoing support

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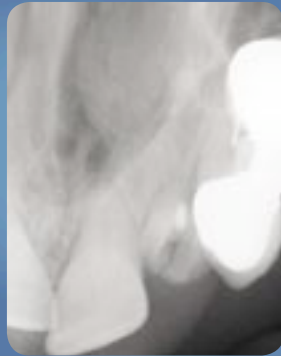


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Single Tooth Implant placement and restoration

Case Study

A 56 year old fit and well secretary was referred by a local GDP for an implant assessment to restore a gap at the upper left lateral incisor tooth. She presented two months earlier with a lost upper left lateral incisor post crown due to a fracture of the root. This tooth was un-restorable and extracted with the provision of an immediate upper partial acrylic denture. The patient was very anxious and desperate to replace the upper denture, which was poorly tolerated.



Pre-op Radiograph showing fracture 22 root



Pre-op view approx. 6 weeks post extraction 22 root



Three months post implant placement healing at impression stage.



Abutment torqued onto implant head



Cement retained Procera implant crown



One year post op radiograph showing good bone levels with evidence of integrated implant and bone minor bone augmentation

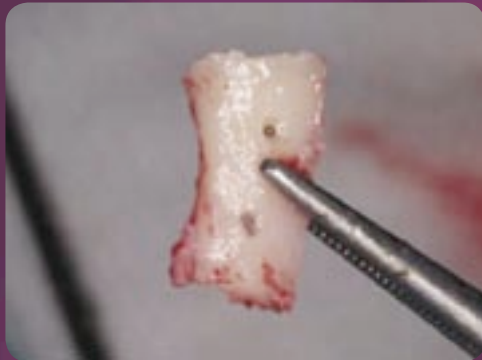
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Bone Grafting from Mandibular Ramus

At previous extraction site there may not be sufficient bone width to accommodate an implant. The planned implant site is augmented with a cortico-cancellous bone graft harvested from the mandibular ramus.



The graft is shaped to the buccal bone deficiency in this lateral incisor extraction site previously restored by an adhesive bridge.



The bone graft is fixed to the underlying bone using two titanium microscrews. The rest of the defect is covered with bone granules harvested at the time of cortical bone graft harvest.



At four months the graft site is exposed, the retaining screws are removed and an implant placed in the grafted area.

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Anterior Maxilla Mandibular Symphysis Block Grafts

In many cases following tooth loss a significant amount of alveolar bone may be lost thus compromising the foundation for implant placement. It is necessary to restore the hard and soft tissues as close to their original form as possible. This will enable optimum implant positioning and satisfactory restoration.

Case Study

A 31 yr old male patient was referred for the management of gaps in the maxilla. He had a history of trauma resulting in the avulsion of 12 and extraction of 21. This caused a significant bone tissue defect at these sites necessitating block grafts and bone augmentation to restore the partially dentate ridges.



Pre-op view following loss of 12 and 21. note concavities of maxillary alveolar ridge



Pre-op OPT



Harvesting of cortico-cancellous block grafts from mandibular symphysis



Fixation of block grafts to maxillary alveolus and bone augmentation using autogenous bone chips and bovine inorganic bone granules



Post-op Radiographs showing block graft in situ

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Implant Failure and Salvage

Implants may fail due to a failure to osseointegrated or may be placed in a position that is unrestorable. We are able to salvage failing implants on your behalf.



These implants have been placed to buccally to allow adequate restoration



The implants are surgically removed demonstrating bone defects requiring further grafting



Here Bio-Oss® and a resorbable membrane Bio-gide® have been used to restore the bony defect. In three months time the patient will undergo further implant placement to restore the dentition.

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Fees List

All fees are for guidance only. A complete estimate is provided prior to commencement of treatment

Initial Consultation	£130
Diagnostic Costs (includes x-rays, photos, diagnostic waxup & moulds)	£300
Single Implant (includes healing cap/abutment)	£1300
Subsequent Implants (inserted at same visit)	£800
Restorative Costs (one implant retained crown or single bridge unit)	£895
Lower Denture (two implants)	£3400

Bone Grafts

Bone augmentation	£600
Minor Bone Graft (LA)	£1200
Major Bone Graft (GA)	£4000

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EXPERT DENTISTRY WITH EXCEPTIONAL DEVOTION

An introduction to our specialist treatment

Dental implants

We are a specialist referral centre, which has specialist expertise in implant dentistry. We are dedicated to providing only the highest quality of dental care, our fine reputation is founded on the principle of excellence that is shown in our approach.

We have incorporated the latest technologies as well as the latest advances in dentistry within our specialist referral centre for our patient's maximum comfort and peace of mind. We have treated many people who were embarrassed to smile because they believe their teeth were less than perfect, for patients like these we want to restore the joy and beauty of an unconscious smile.

Dental implants - the ultimate solution to lost teeth

Missing and damaged teeth are a common problem for many people. If you are missing your natural teeth you may find that there are other things you miss too. You may miss your natural smile or not being able to eat the food you desire. Perhaps your remaining teeth are shifting, or you suffer from muscle strain and headaches. It doesn't have to be this way, with dental implants most

people can get a natural smile that looks, feels and functions like the real thing.

Dental implants are the most modern way to permanently replace one or more missing teeth. This technique has been developed and perfected over many years to produce reliable and long lasting solutions to tooth loss.

NEW TEETH THAT ARE JUST LIKE THE REAL THING

- Improved appearance – When teeth are lost, ongoing shrinkage of the jawbone occurs making the face look older. Dental implants can slow or stop this process.
- Improved comfort – Eliminate the pain and discomfort of removable full or partial dentures. Since dentures sit on top of the jawbone and gums, continuous shrinkage of the jaw bone alters the fit of the denture resulting in slipping.
- Improved speech – With ill fitting dentures, the teeth slip and slide around the mouth. The facial muscles become tense in an attempt to hold the teeth in places. This often results in mumbling, slurred speech or clicking noises. Implants allow you to speak with confidence.
- Eat comfortably – Dental implants can restore chewing efficiency comparable to that of natural teeth. This allows you to eat your favourite foods with confidence and without pain, enjoy what everyone is eating and not think twice about it.

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Your Treatment

A dental implant acts as an artificial root for your missing tooth as the original root has now disappeared. The implant is made out of titanium which is one of the few metals that is accepted by our bodies. Once the artificial root is placed in your mouth it bonds with your jaw bone becoming strong and secure just like the real root of a tooth.

In this way the implant becomes part of you which is why many patients who have been treated with the implant method say their new implants feel just like real teeth.

Once the implant is securely fixed a crown or restoration is specially designed and crafted so that it matches the rest of your teeth which is then placed and secured on top of the implant.

The result is a tooth or teeth that are so securely anchored in your mouth that they look, feel and behave exactly the same as natural teeth.

Successful implant treatment means that your mouth will be whole again and you will no longer be reliant on false teeth and be more confident about your smile.

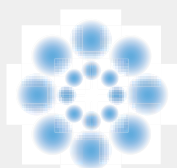
Implant treatment is responsible for helping ease the suffering of tooth loss in many thousands of patients every day. The treatment is reliable and effective and not only restores smiles but improves the quality of life of many of those that have known the trauma of tooth loss and despair of dentures.

What is implant treatment?

Implant treatment is a specialised treatment that has been used successfully since the 1960's to treat tooth loss and save people from the embarrassment of denture wearing and the problems of gum shrinkage caused by dentures which can prematurely age a person.

Aftercare

Although dental implants will not decay, they still require impeccable care. Dental implants may be cleaned and flossed just like normal teeth and best of all they do not require any special tools to clean around them.



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Meet the team

Our Expert Care



Dr Mohammed.
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Bini is the principal of a dental practice in Knowle and also works in the Maxillofacial Department at Solihull Hospital. He has extensive experience in placing and restoring implants and is currently studying for a higher degree in implantology.



Mr Keith Webster BDS
MBBS MMedSci FDS
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Consultant Oral &
Maxillofacial Surgeon

Keith is based at University Hospital Birmingham, Solihull BUPA Parkway. He has extensive experience in intra-oral and extra-oral implantology from his work in head and neck cancer.

He also sees patients at Solihull Hospital & at BUPA Parkway

Our team are delighted that you have chosen us to care for your smile. From the moment you walk through the door, we will endeavour to provide the highest level of care and service. The practice has been designed with your comfort foremost in our minds. You will receive a warm welcome from our team, who consider every person we treat to be a VIP.

We are a team of dedicated specialists who are committed to lifelong learning and constant improvement of our clinical skills and practices. All of our team are active in their fields and have considerable experience in their chosen specialist field.

We are confident your visit to our practice will be relaxing and comfortable.

What to expect at your initial appointment

We believe a comprehensive first examination is the best way to begin the process of obtaining a healthy, beautiful smile. In order to ensure success in our specialist procedures, we take the necessary time to fully and thoroughly evaluate your present dental condition. Our goal is to give our patients the necessary information and education so that they may enjoy a beautiful, healthy smile for years to come. Here is what to expect.

When you arrive, we will give you an extensive medical history form to complete, so we can have a one on one discussion covering any medical history you may have and if it will effect your treatment in any way.

The dentist will then discuss with you your dental condition and talk you through your treatment possibilities. Once a thorough and full examination has been completed we will provide you with a written report and treatment plan detailing the various options available to you and an estimate of the fee implications.

This careful evaluation of your dental condition will enable us to prepare the optimum treatment plan for your smile. Our aim will be to give you as much information as possible about the possibilities, the timings and cost of the various options that are appropriate to your treatment needs.

The difference is that we practice dentistry with the aesthetics of the final result in mind, so we place a special emphasis on making you look great.

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CT and Simplant Treatment planning to aid accurate implant placement

SimPlant is a precise preoperative planning software to accurately plan the placement of dental implants. SimPlant integrates raw data from a CT scan to provide precise information on the anatomy of the patient. The software allows treatment planning for the ideal position of the implants in both 2D and 3D, while taking into account clinical and aesthetical considerations.

Case Study

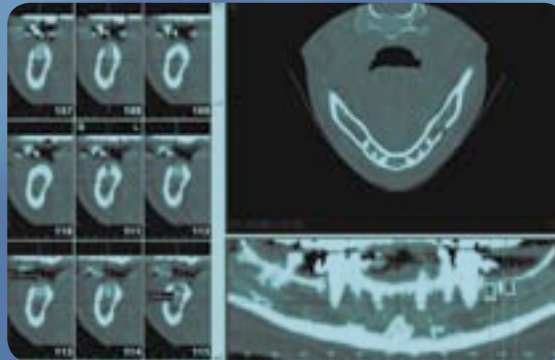
A 47 yr old accountant was referred for the restoration of his missing lower left molars. Conventional radiographs were inadequate as a definitive diagnostic tool and did not provide accurate information to place implants to avoid the ID canal.



Pre-op OPG with diagnostic markers to aid implant planning. Demarcation of ID canal is not obvious



3D representation of CT scan data. ID canal plotted and implant heights selected to avoid it.



Digital images created by Simplant software from raw CT scan data enabling identification of ID canal



Clinical photos and radiograph depicting implants in situ and definitive restorations. 8mm and 6mm ITI implants were used to avoid breaching the ID canal. They were splinted together to provide favourable transfer of load.

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Essential Practice Information

We believe exceptional service goes beyond quality dental treatment. It means respecting your time by running on schedule, it means keeping you informed about every aspect of your care and it means answering any questions you may have about your treatment or our specialist referral centre.

Our location

If you haven't been to see us before....



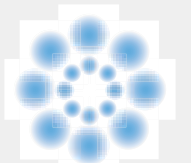
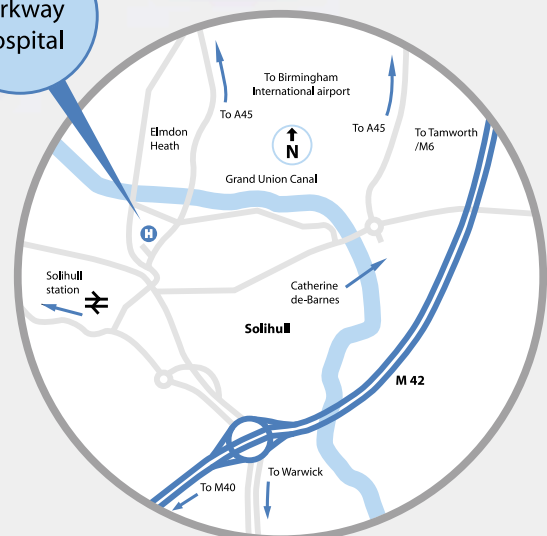
Keeping appointments

Whenever possible we will try to ring you the day before your appointment to remind you. Appointments not kept may be charged for, when cancelled with less than 48hrs notice. The charge relates to the appointment time lost as the surgery time cannot be rebooked with such a short timescale of notice.

Financial information

We will always discuss your financial obligations and responsibilities in a private and confidential manner. We firmly believe that financial considerations should not be an obstacle to obtaining the treatment you desire. We are sensitive to the fact that different patients have different needs so we provide various forms of payment facilities for you to choose from please ask at reception for more details.

BUPA Parkway Hospital



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Single Tooth Implant

Missing teeth can be replaced by implants. Implants act like roots of teeth. After they have been fitted and have healed in place, dentures or crowns can be attached to them. If crowns are fitted onto implants they act like natural teeth.



This picture shows the metal implant which is screwed into the underlying bone during the insertion of the implant into the jaw.



The implant is then uncovered after a period of healing. This picture shows the top of the implant where it comes through the gum tissue.



This picture shows an attachment placed onto the implant over which an impression is taken to help the laboratory design the final crown.



This picture shows an attachment placed onto the implant over which an impression is taken to help the laboratory design the final crown.

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Full mouth implant bridges and dentures

If all your teeth are missing in the upper or lower jaw, you can choose either a full bridge supported by implants or a denture retained by implants.



A full bridge is secured onto six or more implants providing a permanent fixed solution for replacement of ill fitting dentures



The implant supported denture is connected via attachments to two or more implants, allowing easy removal. When in place, the denture is firmly attached to the implants and there is no risk of it coming loose.

Your exact treatment depends on your individual situation and personal preference. The type and amount of bone, as well as, functional conditions will all play a role in identifying the best treatment option for you.

Whether you have a "fixed" bridge or an implant supported denture, you will be able to speak, chew and smile with confidence

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