Year Course in all aspects of Implant Dentistry

Driven by restorative outcomes
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Core aims, scope and format

The course is entirely aimed at mature in-service dental surgeons working mainly in general dental care.

Designed to meet the needs of established dental surgeons who wish to enhance their clinical skills in implant dentistry and offer their patients an extended range of treatment options.

It will concentrate on the safe and effective management of dental implant treatment within the general dental practice environment.

It will provide the opportunity for an additional professional qualification.

The course is carefully structured to combine the theory and practice of prosthodontics, with the net result that delegates develop a proficiency in simple implant therapy based on a sound educational principles. There will be a minimum of 50 hours devoted to contact learning and 30 hours of supervised practical experience.

In essence, the theoretical aspects of the course, which will be delivered via small group seminars and problem based learning, cover all principal aspects of Prosthodontics related to implantology, namely:

- Diagnosis and Treatment Planning,
- Biomaterials Science and Biomechanics,
- Surgical
- Prosthodontic Aspects of Implantology.

Emphasis will be given to treatment planning and the restoration of the small edentulous area entailing the replacement of two to four dental units employing simple grafting and bone expansion techniques.

Seminars will be presented using the latest multimedia teaching techniques to introduce participants to the basic theory of osseointegration and principles of modern implantology and prosthodontics.

The principles of diagnosis and treatment planning will be reviewed including radiographic examination and implant rationale.

At hands-on clinical teaching sessions dental surgeons will learn:

- Implant placement techniques and observe and assist in surgical procedures.
- Implant placement guidelines will be put into actual practice together with flap and incision design.
- Experience will be gained on surgery set-up, equipment identification and layout.
Principle aims and objectives

**Principle aims:**
- Promote an awareness of modern implant dentistry and its scope for use in general dental practice.
- Facilitate small group interactive learning in a structured manner.
- Encourage critical reading and assessment of research papers and publications.

**Objectives:**
- Demonstrate whole patient care.
- Formulate an initial diagnosis and initial case assessment.
- Evaluate treatment options and discuss these clearly with the patient.
- Assimilate and compile all relevant clinical data required to diagnose and plan the implant case with regard to whole patient care.
- Formulate a definitive treatment programme with relevant written treatment plan.
- Obtain valid informed patient consent to the definitive treatment programme.
- Effectively implement all stages of the treatment programme.
- Recognise the need for and implement bone augmentation in conjunction with the planned dental implant treatment.
- Understand the legal and ethical principles underlying patient care and treatment.
- Evaluate the outcome of treatment on completion of the treatment programme against the initial stated objective.
- Develop and implement a future clinical pathway for the long term monitoring and maintenance of the case.
- Understand and appreciate the importance of continued maintenance and the essential requirements for long term survival and success.
- Identify all the major implant systems on the market and outline their advantages and disadvantages.
- Generate a patient consent letter that meet medico-legal requirements.
- Treatment plan implant cases in a structured and predictable manner.
- Describe in detail and show an understanding of the principles of Prosthodontics.
- Understand and be able to apply the principles of implant occlusion.
- Apply a knowledge of the functional anatomy involved in implant surgery.

The detailed structure for the seminars with aims and objectives for the ten days is presented for clarity as a group learning activity.
Month 1

**Aims:**
- Promote a general awareness of modern implant dentistry within general dental practice to both patients and the dental team.
- Provide an opportunity for treatment planning and patient selection.
- Introduce risk management with regard to implant dentistry.
- Introduce the concept of osseointegration.
- Be aware of medico-legal implications and responsibilities of implant treatment.
- Show advantages and disadvantages to implant treatment.
- Encourage critical reading and assessment of research papers and publications.
- Provide group interactive learning in a structured manner.

**Objectives:**
- Promote implant treatment to their patients and generate potential implant cases.
- Motivate and instruct the dental team with regard to implant treatment.
- Understand what is meant by the terms osseoinduction and osseoconduction.
- Identify and select simple cases suitable for implant treatment.
- Be able to present treatment options to patients.
- Generate a patient consent letter that complies with medico-legal requirements and good practice.
- Understand the contra-indications of implant treatment.

Month 2

**Aims:**
- Promote understanding of the relevance of the regional anatomy and prosthodontic restoration with emphasis on implant positioning.
- Promote the importance of the physiological effects of tooth loss and bone resorption from the edentulous jaws and bone physiology.
- The physiological and physiological effects of tooth loss and bone resorption from the edentulous jaws.
- Understand bone types and physiology together with their relevance to implant dentistry.
- Provide information of the basic surgical principles of implant placement.
- Provide group interactive learning in a structured manner.
- Have an appreciation of the effect of bone resorption on normal hard anatomy and soft tissue aesthetics and their restorative consequences with regard to implant treatment.

**Objectives:**
- Apply a knowledge of the functional anatomy involved in implant surgery and show an awareness of possible anatomical complications.
- Understand the effect of tooth loss in terms of both bone resorption patterns and occlusal disruption.
- Understand the significance of bone types and their influence of implant placement protocols and success.
- An appreciation of the effect bone resorption on normal hard anatomy and soft tissue aesthetics and their restorative consequences with regard to implant treatment.
Introduce the latest diagnostic imaging and data manipulation techniques available to the clinician for the treatment planning of implant cases.

Show and discuss the indications for diagnostic imaging their advantages and disadvantages.

Referring and planning with CBCT.

Outline the different diagnostic templates available, restorative, radiographic and surgical together with their design characteristics.

Provide an opportunity for group interactive learning in a structured manner.

Describe the main bone generating properties and their clinical indications.

Identify potentially more complex implant cases requiring advanced diagnostic imaging techniques.

Differentiate between the different diagnostic templates and their relative indications.

Be able to prescribe and instruct the dental laboratory in the construction of diagnostic templates.

Show the ability to request, read and interpret CBCT scans.

Planning implant surgery.

Encourage identification of implant design features.

Outline the types and application of implant components and relevant surgical and prosthetic instrumentation.

Have knowledge of bone manipulation techniques their application, indications and contraindications.

Provide the opportunity for group interactive learning in a structured manner.

Setting up for surgery.

Identify all the major implant systems currently on the market and classify them according to design features and surgical/restorative protocols.

Outline their reported advantages and disadvantages and understand the fundamental differences between treatment protocols and philosophies.

Describe their main design features and their influence on bone loss and restorative protocols.

Discuss competently site selection and treatment planning protocols.

Identify potentially more complex implant cases requiring advanced surgical procedures and grafting techniques.
Month 5

Aims:

- Introduce the concept of the simple bone grafting techniques.
- Present the different commercially available grafting materials available together with their reported advantage and disadvantages.
- Have knowledge of treatment of the posterior mandible and minimising the risks associated with treating this region on the jaw and its anatomical structures.
- Provide an opportunity for group interactive learning in a structured manner.

Objectives:

- Identify potential implant sites which will respond well to simple grafting techniques.
- Show an awareness of the major graft materials currently on the market and classify them according to origin, synthetic or organic.
- Show an understanding of the fundamental differences between graft materials and outline their reported advantages and disadvantages.
- Describe their main bone generating properties and their clinical indications.
- Discuss competently the requirements for a graft material as it relates to implant treatment.

Month 6

Aims:

- Be able to critically appraise data and technical information from commercial sources.
- Be able to introduce the concept of Early loading with indications and contra indications.
- Be able to transfer impressions and their role in implant restoration.
- Have knowledge of implant occlusal registration.
- Be able to clinically assess successful integration.
- Be aware of the complications and management of implant failure.
- Provide group interactive learning in a structured manner and treatment planning.

Objectives:

- To apply the knowledge they have acquired to critically appraise data and technical information from commercial sources.
- Differentiate between the different types of Early Loading protocol.
- Recognise the clinical implications of early loading, indications, contraindications and complications.
- Understand what is meant by a transfer impression and its role in implant restoration together withdraws backs and complications.
- Identify the problems associated with inadequate transfer impressions.
- Apply occlusal registration techniques and understand the consequences of occlusal inaccuracies for implant restorations.
- Be able to diagnose late or early implant failure together with their causes and differentiate between the failing or ailing implant and their respective treatment regimes.
Month 7

Aims:
- Introduce the concept of early complex bone grafting and augmentation procedures.
- Introduce the concept of implant occlusal concepts.
- Provide group interactive learning in a structured manner and treatment planning.

Objectives:
- Recognise and understand the different types of advanced graft procedures applicable to implant restoration.
- Recognise the clinical indications for complex grafting.
- Understand the terms sinus lift, onlay and veneer.
- Recognise the complications associated with these advanced procedures and donor site morbidity.
- Understand how these grafting procedures are often a prerequisite essential for full arch implant supported restorations.
- Understand the prosthodontic and occlusal requirements for the full arch supported implant restoration.

Month 8

Aims:
- Provide an opportunity for advanced treatment planning.
- Introduce care and maintenance of implant restorations, peri-implantitis and gingival conditions specific to the soft tissue implant interface.
- Periimplantitis and gingival conditions specific to the soft tissue implant interface.
- Provide group interactive learning in a structured manner and treatment planning.

Objectives:
- Appreciate the long-term commitment both dentist and patient have to the continuing health of dental implants aim.
- Diagnose and recognise the clinical indications of periimplantitis and its possible causes.
- Differentiate between the different forms of periimplantitis and be able to affectively instigate the appropriate treatment regime.
- Be able to begin to consider more advanced treatment options involving the more severely occlusal debilitated patient and initiate appropriate referral.
Month 9

Aims:

• Understand the small implant restoration (2 to five dental units including pontics) indications and requirements specific to different regions of the jaw.
• Explore complications encountered during the implant restoration of a specific region.
• Provide an opportunity assessment of new products such as A-PRF.
• Provide an opportunity for group interactive learning in a structured manner and treatment planning.

Objectives:

• Appreciate the complexities involved and formulate a treatment plan drawing on the skills and knowledge they have acquired in treating specific area of the jaws.
• Have knowledge of the occlusal requirements for the full arch supported implant restoration.

Month 10

Aims:

• Introduce implant overdentures including the different forms available, their indications and contra indications.
• Introduce the concept of implant overdentures their indications and contraindications.
• Provide information on the types of precision implant overdenture attachment.
• Provide information on the long-term maintenance and management.
• Provide an opportunity for group interactive learning in a structured manner and treatment planning.

Objectives:

• Be able to differentiate between the alternatives of fixed verses removable implant prosthesis and their role in treating the edentulous jaws.
• Show an understanding of the complexities involved in the provision of overdentures combined with varying numbers and position of implants.
• Know the influence of upper or lower jaw in conjunction with the degree of jaw resorption.
• Have a knowledge of the different types of mechanical and magnet overdenture attachments available together with indications and contraindication and limitations to use.
### Daily day format 09:00 - 17:00

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>09:00 - 09:30</td>
<td>Introduction to the day and housekeeping</td>
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<td>Questions from previous sessions or new problems to be covered during the day</td>
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<tr>
<td>09:30 - 10:30</td>
<td>Seminar/Presentation</td>
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<tr>
<td>10:30 - 10:45</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>10:45 - 11:00</td>
<td>Questions and discussions</td>
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<tr>
<td>11:00 - 12:00</td>
<td>Presentation</td>
</tr>
<tr>
<td>12:00 - 12:30</td>
<td>Short presentation/Seminar/Presentation of delegates cases</td>
</tr>
<tr>
<td>12:30 - 13:00</td>
<td><strong>LUNCH</strong></td>
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<tr>
<td>13:00 - 14:30</td>
<td>Practical demonstration and Hands on</td>
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<td>14:30 - 15:30</td>
<td>Cases and Treatment planning workshops</td>
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<tr>
<td>15:30 - 16:00</td>
<td><strong>BREAK / Questions</strong></td>
</tr>
<tr>
<td>16:00 - 17:00</td>
<td>Presentation and closing</td>
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<td></td>
<td>Preparation for next day</td>
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### Observation day format 09:00 - 15:00

This day is limited to delegates from current year and previous years to treat their patients under direct supervision and mentoring.

Delegates are encouraged to bring their patients for all stages of their implant based care to gain experience and manage potential complications and consent issues related to the treatment provided.

There will be a limit on the numbers to allow effective management of learning and mentorship.

The patient will have the initial consultation with the Implant Centre free of cost, any subsequent fees will be paid directly to the Centre, as agreed at the consultation and consent stage.

This day is normally on the Saturday following the Friday seminar day unless otherwise prearranged.

*There is no additional fee for this Observation Day*

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This format is subject to change depending on the presentations and is kept informal, to a large extent, to allow greater interaction between Delegates and Presenters/Demonstators.

Venue will be at the newly commissioned Chris Bryant Centre, 300 Reservoir Road, Erdington, Birmingham B23.
Dates, fees & details

**Dates:**

<table>
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<tr>
<th>Date</th>
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<tbody>
<tr>
<td>20th October 2017</td>
<td>13th April 2018</td>
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<tr>
<td>17th November 2017</td>
<td>11th May 2018</td>
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<tr>
<td>Break in December</td>
<td>15th June 2018</td>
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<tr>
<td>12th January 2018</td>
<td>13th July 2018</td>
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<tr>
<td>9th February 2018</td>
<td>Break in August</td>
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<tr>
<td>9th March 2018</td>
<td>7th September 2018</td>
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Surgical and Observation will be arranged on the immediate Saturday following the Friday Seminar and Study day, unless prearranged at a different time.

Upon completion of the course you will be able to:

- Understand the fundamental principles, theory and safe practice of implant dentistry
- Promote and advise prospective implant patients
- Identify and select suitable implant patients
- Confidently diagnose, treatment plan and assess risk

**Limited to 10 participants**

**Venue:** Newly commissioned - Chris Bryant Centre, 300 Reservoir Road, Erdington. Birmingham. B23 6DF - Near M6, Junction 6 (Spaghetti Junction)

**Fees:** £4200 – (if booked in full before August 2017)

Includes all course materials Lunch and Refreshments and Saturday optional observational days, this is a discounted rate to day rate of £495.00 each day.

To register or for more information:

- **courses@sixwaysdental.org.uk**
- **0121 373 0462 and speak to Anne or Allana**
Harish Gupta qualified from Leeds Dental School in December 1982. After a year at the Burton District and General Hospitals he joined General Dental Practice. This has become his ‘full-time’ occupation since 1984.

He gained the Membership in General Dental Surgery from both the Edinburgh and English Royal Colleges in 1990. Since then he has been invited to present a number of lectures for the various Vocational Training Schemes and GDP’s in the West Midlands and Leeds.

He was responsible for the MGDS Study Club in the West Midlands to help other GDP’s to achieve the Membership. He was the Distance Learning Tutor for the West Midlands with a special responsibility and interest in Computers in General Practice. He is part of the West Midlands CVT practice visitation panel for Training Practices under the Vocational Training Schemes.

He is an Examiner for the Membership in General Dental Practice and continues to lecture and help organise various Study Groups for GDP’s to prepare for this exam. Currently, examiner for the Diploma in Implant Dentistry at Royal College of Surgeons, Edinburgh.

He achieved the Fellowship of the Faculty of General Dental Practitioners (FFGDP(UK)) in November 2002 and is now a mentor to help others achieve the same. He is also a FFGDP(UK) assessor and an Emeritus Examiner for the MJDF(UK) examination for the Royal College of Surgeons of England and an Examiner for the MFDS RCS (Edin). He examined in Hong Kong for the MFGDP(UK) exam. He was commissioned to be Assistant Chief Examiner for the IQE examination in New Delhi, India in March 2005.

He has lectured in the United Kingdom, Dubai, Singapore, Hong Kong and India on Implant Dentistry, Occlusion and Endodontics.

He is a founder member of the West Midlands Division of the Faculty of General Dental Practitioners (UK), and continues to play an active role in the local division.

With his commitment to General Practice he was commissioned to write the Quality Facilities Review for the then Mida/Norwich Union Healthcare Dental division. He was a Consultant Clinical Assessor for BUPA DentalCover and Denplan Dental Advisor Panel.

He started Dental Implant treatments in 1995 and undertook more formal training in implant dentistry in 1997/8, and following more formal teaching and presentation training is now responsible for the delivery of the MSc Programme in Implant Dentistry, at the Warwick Dentistry, where he was an Honorary Associate Clinical Professor and regional tutor. He gained the MSc in Implant Dentistry in 2006 from the Warwick Medical School.

Harish is married with two children. He is the owner of a multiple disciplinary mixed Dental Practice and Implant Centre in Birmingham.

Harish’s personal practice motto is ‘Quality, Standards and Choice in the Dental Care’ and he is passionately committed to this.
courses@sixwaysdental.org.uk
0121 373 0462
Speak to Anne or Allana

Venue for daily programmes
Chris Bryant Centre,
300 Reservoir Road
Erdington,
Birmingham
B23 6DF

Venue for observational days
6 Ways Dental Surgery,
129 Gravelly Hill North,
Erdington,
Birmingham
B23 6BJ

Assisted by Dentsply Sirona Implants