

## CASE STUDY



Slide 1

A 31 year old female – fit, well and a non-smoker attended with a failing post crown restoration on tooth 11 (**Slide 1**). Clinical and radiographic assessment suggested poor prognosis for re-restoration of this tooth and following discussion of treatment options it was decided to extract 11 and replace with a dental implant restoration.

Following atraumatic removal of tooth 11 using periostomes, immediate implant placement with a BIOMET 3i Tapered 4mm platform 13mm length implant (**Slide 2**). Immediate implant placement offers several advantages, however all cases need to be carefully assessed with regard to suitability for this technique. Factors of importance include the absence of acute pathology, adequate bone volume in all dimensions (mesial, distal, buccal, palatal and beyond the apex). If using a flapless technique, following tooth extraction it is imperative to assess whether the buccal plate is intact prior to proceeding with careful and optimal implant positioning.

**Slide 3** shows an immediate provisional Maryland bridge with an acrylic pontic cemented with glass ionomer cement. The shape and form of the provisional restoration was predetermined from a diagnostic wax-up and will be used as a guide to visualize and finalize the definitive ceramic prosthesis.



Slide 4

After 4 months of healing, impressions were taken for construction of an implant provisional restoration (**Slide 4**). The provisional restoration is used to manipulate the peri-implant soft tissue to achieve optimal contour and emergence profile for the final restoration (**Slide 5**).

**Slide 6** shows the gold alloy custom abutment with a porcelain shoulder fired on in order to achieve optimal aesthetics through the thin gingival tissues. Completed restoration (**Slide 7**).



Slide 5



Slide 6



Slide 7

Case completed by Dr Pranay Sharma

## Cranbrook House Dental Practice launch Essex & East London Study Club with Management of the Heavily Restored Tooth



- **Free lecture**
- **2 verifiable CPD points with lecture**
- **Dinner at Caraway Restaurant, Gants Hill**

**Date: April 2nd 2009**

**Venue: Caraway Restaurant, 513-519 Cranbrook Road, Gants Hill, IG2 6HA**

### To register for the lecture please contact:

BIOMET 3i office on **01628 519 162**, [ukmarketing@3implant.com](mailto:ukmarketing@3implant.com)

Sarah Cheesman on **07707 058 619**, [scheeseman@3implant.com](mailto:scheeseman@3implant.com)

### To register for the Study Club please:

Make a cheque payable to BIOMET 3i and send it to 15 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.

Or email your credit card details to **Ms. Jenny Wilson** at [ukmarketing@3implant.com](mailto:ukmarketing@3implant.com)



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## We are pleased to invite you to the launch of Essex & East London Study Club with Management of the Heavily Restored Tooth April 2nd 2009

This lecture, hosted by Dr Pranay Sharma and Dr Stephen Cawte, will provide an evidence-based approach to treatment planning and restoration of the heavily restored tooth. Assessment of the periodontal, endodontic and restorative status of vital and non-vital teeth will be discussed.

**A range of clinical cases will be presented:**

- **Endodontic evaluation of vital/nonvital teeth**
- **Special considerations for the root treated tooth**
- **Principles of restoration for the root treated tooth**
- **Assessing restorability of a tooth**
- **When to restore after root canal therapy**
- **Methods of restoration**
- **RCT teeth in the whole dentition**

Timing: Registration 5.30-6.00 pm  
Lecture 6.00-8.00 pm  
Dinner 8.00 pm

**Venue: Caraway Restaurant, 513-519 Cranbrook Road, Gants Hill, IG2 6HA**

### STUDY CLUB PROGRAM 15 verifiable CPD points

#### Treatment Planning Workshop Dr Pranay Sharma

*May 6th 2009 / September 16th 2009*

**Aims:**

Treatment planning sessions include actual clinical cases with a variety of challenging dental problems. This results in an interactive clinical discussion with participant involvement on management and treatment planning, before treatment is provided.

Participants can bring their own patient cases for treatment planning purposes. Session one involves an in-depth discussion of a multidisciplinary case treated by Dr Pranay Sharma.

**Objectives:**

- **Multidisciplinary care including periodontal, endodontic and restorative assessment.**
- **Complex case management and sequencing**
- **Treatment planning for the edentulous space including dental implant assessment**
- **Occlusal considerations**
- **Provisional restorations**
- **Integration of aesthetics and function**

Timings: Registration 5.30-6.00 pm  
Lecture 6.00- 8.30 pm  
Dinner 8.40 pm

**Venue: Caraway Restaurant, 513-519 Cranbrook Road, Gants Hill, IG2 6HA**  
**Cost: £ 25**

#### Introduction to Implants: Practical Hands-On Cranbrook House Dental Practice Dr Pranay Sharma & Dr Jas Sharma – 8 hours in clinical environment

*May 29th 2009 / October 16th 2009*

**Aims:**

This full day lecture centres on dental implant work, aiming to answer all critical questions to those interested in introducing implants to their practices. Lecturers will cover key issues by discussing clinical cases and illustrating theory with hands-on exercises.

**Objectives:**

- **Understanding the surgical protocol for implant placement**
- **Learning to correctly assess the use of immediate/delayed restoration**
- **Advantages and disadvantages of cement/screw retained restorations**
- **Learning to choose abutments correctly**
- **How to maintain implant restorative cases**

Timings: 9 am-5 pm

**Venue: Cranbrook House Dental Practice, 635 Cranbrook Road, Gants Hill, Ilford, Essex, IG2 6SX**  
**Cost: £ 35**

#### Removable Partial Dentures: An update, Design Principles & Problem Solving Dr Pranay Sharma

*June 11th 2009*

**Aims & Objectives:**

- **An update on biological considerations as related to RPDs**
- **Review design principles as related to RPDs**
- **RPD clinical treatment sequencing**
- **Useful clinical tips and problem solving with RPDs**
- **Treatment sequencing when integrating fixed and removable prostheses**
- **Integrating aesthetics and function with RPDs**

Timings: Registration 5.30-6.00 pm  
Lecture 6.00-8.30 pm  
Dinner 8.40 pm

**Venue: Caraway Restaurant, 513-519 Cranbrook Road, Gants Hill, IG2 6HA**  
**Cost: £ 25**

## Faculty



#### Dr Pranay Sharma

*BDS MFDS RCPS  
M.Clin.Dent.  
(Prosthodontics)  
MRD RCS(Eng)*

Pranay Sharma qualified from King's College London before going on to complete vocational training in London. He returned to the hospital environment as a senior house officer in Oral and Maxillofacial surgery and Restorative dentistry in Sheffield, and returned to private general dental practice in 2000.

He joined the Eastman Dental Institute in London in the same year, completing a three-year specialist training program in fixed and removable prosthodontics.

As well as being a registered specialist in Prosthodontics, with a specialist referral practice in Harley Street, Dr Sharma is a part-time lecturer in Prosthodontics and is clinical lead for removable prosthodontic programmes at the UCL Eastman CPD, Eastman Dental Institute.



#### Dr Jas Sharma

*BDS MSc(Cons)  
MFDS RCS(Eng)*

Jas Sharma qualified from The Royal London Medical And Dental Institute, London, in 1995.

Following VT training, he was an associate before becoming a principal and VT trainer of a mixed practice.

Jas completed his Masters in Conservative Dentistry from the Eastman Dental Institute in 2004, and obtained his MFDS from the Royal College of Surgeons of England in 2005.

He is the principal of Cranbrook House Dental Practice, a private general and specialist practice.

His main interest is implant dentistry and bone grafting. He has attended various courses around the world, including Miami, Paris and Austria.



#### Dr Mandeep Shukla

*BDS BSc, MSc(Cons)  
MFDS RCS(Eng)*

Mandeep Shukla graduated from the Royal London Hospital in 2001 where he obtained a BDS and a BSc in Psychology. He carried out vocational training in Redbridge and worked in NHS practice for the first three years of his career. Whilst in practice Mandeep enrolled in the certificate course in restorative dentistry at the Eastman Dental Institute.

During this course he applied for the full time Masters in Restorative Dentistry at the Eastman Dental Hospital. He completed this course with distinction in 2005 and stayed at the Eastman Dental Hospital for the following year as a member of staff to gain further experience in the management of complex restorative care. At the same time he also obtained his MFDS.

Currently Mandeep works part time in private practice at Cranbrook House and Wilton Place in Knightsbridge. He also works as a clinical lecturer at the Eastman Dental Institute. His areas of special interest are occlusion, replacing failing anterior restorations (especially veneers), and implant dentistry.



#### Dr Stephen Cawte

*BDS MSc(Cons)  
MFDS RCSEd  
MCLinDent MRD(Endo)  
RCS(Eng)*

Stephen Cawte qualified from the University of Edinburgh with BDS in 1988, and served a seven-year commission in the Royal Army Dental Corps working in the UK, Germany, New Zealand, The Falkland Islands, the Middle East and Africa.

He then completed an MSc in Conservative Dentistry at the University of Manchester before going on to work in both private and NHS practices and at the Turner Dental School in Manchester.

Dr Cawte has also worked at East Lancashire Maxillofacial Services, Charles Clifford Dental Hospital in Sheffield, and then Boots Dentalcare in Bolton and Manchester. Since then, he has taken a three-year monospecialty training programme (endodontics) at the Eastman Dental Institute in London, and now works at several London practices and provides endodontic advice and treatment the Royal London Dental Hospital.



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