Impressions Dental Restorative Course

Day 1- 10/5/25

09:00	Coffee and registration
09:30	Introduction to Restoring Implants
10:30	Practical Class: Insertion of an implant crown on model
11:30	Coffee
11:45	Temporary Crown
12:15	Practical Class: Temporary Crown
13:00-14:00	Lunch
14:00-17:00	Clinical Cases

Lecture 1: Introduction to Restoring Implants

Aims & Objectives

To discuss the key components involved in restoring Nobel Biocare implants, including:

- Indexing/types of connection
- Platform shifting
- Unigrip driver and Omnigrip (angle correction)
- Abutment options for single tooth replacement
- Soft tissue biology in relation to abutments
- Connecting an abutment to an implant
- Occlusion

Practical Class: Insertion of an implant crown on model

Aims & Objectives

To discuss Nobel Biocare torqueing protocols and variance in relation to other systems

To gain hands-on experience of torqueing an implant crown on a model

To gain hands-on experience of torqueing a locator abutment on a model

To gain hands-on experience of torqueing a multi-unit abutment on a model

Lecture 2: Temporary Crown

To review the process of constructing a temporary crown for means of tissue training

To itemise the process of temporary crown formation and review the Nobel Biocare options for temporary abutments

Practical Class: Temporary Crown

To construct a temporary implant crown on a model using a Directa-form crown & temporary abutment

To critique the final outcome of each delegate's temporary crown and discuss methods of resolving any flaws

Clinical Cases Day 1

Aims & Objectives

To undertake 3 hours eCPD on a variety of clinical cases

To gain direct hands-on experience of placing an implant crown on a patient, including thumb torqueing, use of torque wrench, occlusal adjustment, screw head protection and final restoration

To discuss variations between restoring with screw-retained crowns versus cement retained crowns and angle correction drivers

To discuss options for screw head protection and restorative materials for sealing screw channel

To discuss abutment check X-rays, including clinical features that should be observed in the Nobel Biocare system

To discuss post-placement follow-up and review

To give direct feedback on performance for each case encountered

Due to the nature of clinical caseloads and appointment feasibility, some of these aims and objectives may be delivered in subsequent clinical sessions

Day 2 – 14/6/25

09:00	Coffee and registration
09:30	Impressions: Analogue
10:30	Practical Class: Impressions on a model
11:30	Coffee
11:45	Impressions: Intraoral scanning
12:15	Practical Class: Intraoral scanning on a model plus trial on
13:00-14:00	Lunch
14:00-17:00	Clinical Cases

Lecture 3

Impressions: Analogue

Aims & Objectives

To review the sequence for analogue impression taking in implantology

To discuss the options for analogue impression techniques including open and closed tray impressions

To review options for impression materials

To review laboratory prescriptions and what sundries will be required by the laboratory, such as implant analogues

Practical Class: Impressions on a Model

Aims & Objectives

To undertake an open tray impression a model

To undertake a closed tray impression on a model

To complete a check X-ray on a model

To critique each delegate's impressions and discuss methods for improving any flaws or inconsistencies

Lecture 4

Impressions: Intraoral scanning

To provide an introduction to digital workflow, including virtual models and articulation for the CADCAM construction of crown substructures

To discuss lab scan bodies and review their verification and use for implant impressions

To review digital laboratory prescriptions and what sundries will be required by the laboratory

Practical Class

Aims & Objectives

To undertake a successful check X-ray on a model to confirm full scan body insertion

To undertake a successful intraoral scan of a scan body inserted on a model

To undertake a successful intraoral scan of an intact dentition on a colleague

Clinical Cases

Aims & Objectives

To undertake 3 hours eCPD on a variety of clinical cases, including direct hands-on experience of completing all stages of an intraoral scan on a live patient

To give direct feedback on performance for each case encountered

Due to the nature of clinical caseloads and appointment feasibility, some of these aims and objectives may be delivered in subsequent clinical sessions

Day 3- 19/7/25

09:00	Coffee and registration
09:30	Partially and Fully Edentulous Arch
10:30	Practical Class: Edentulous Impressions on a model for denture – locator abutment level
11:30	Coffee
11:45	The Restorative/Surgical Interface – planning CT guides
1:00	Lunch
14:00-17:00	Clinical Cases

Lecture 5

Partially and Fully Edentulous Arch

Aims & Objectives

To discuss prosthetic options for supporting implant dentures, including milled bars, locator abutments, magnet attachments and ball attachments

To review the clinical stages involved in construction of an implant overdenture

To review the clinical stages involved in construction of an implant bridge

Lecture 6

The Restorative/Surgical Interface – planning CT guides Aims & Objectives

To run through the planning of a CT guide

To summarise the types of CT guide available, including pilot guides and fully guided options

To discuss the pros and cons of CT guides versus free hand or lab made guides

Clinical Cases

Aims & Objectives

To undertake 3 hours eCPD on a variety of clinical cases, including initial direct hands-on experience of restorative aspects of edentulous cases

To give direct feedback on performance for each case encountered

Due to the nature of clinical caseloads and appointment feasibility, some of these aims and objectives may be delivered in subsequent clinical sessions

Day 4 - 23/8/25

09:00	Coffee and registration
09:30	Clinical Cases
11:00	Lab Visit: Cherry Dental, including full arch acrylic bridge conversion
13:00-14:00	Lunch
14:00-17:00	Clinical Cases

Laboratory Visit

Aims & Objectives

To observe the main stages of laboratory fabrication of a screw-retained crown, from receipt of impression to completion of crown

To observe the digitalisation of laboratory workflow and understand the interface between digital and analogue prosthetic work

To obtain an insight into how the clinician:technician relationship can deliver the best results for the patient

To observe an acrylic bridge conversion from denture, if available

Clinical Cases

Aims & Objectives

To undertake 3 hours eCPD on a variety of clinical cases, including further direct hands-on experience of restorative aspects of edentulous cases

To give direct feedback on performance for each case encountered

Due to the nature of clinical caseloads and appointment feasibility, some of these aims and objectives may be delivered in subsequent clinical sessions