



ACADEMY
OF DENTAL
EXCELLENCE

Post Graduate Diploma in
Advanced Aesthetic & Restorative Dentistry

PG Dip AARD (UK)

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PROGRAMME MISSION

“Educate the clinician on current evidence-based treatment techniques and procedures. Enable application of these into day to day clinical practice whilst being prepared for future developments.”

OVERVIEW

This Post Graduate Diploma course in Advanced Aesthetic and Restorative Dentistry (PG Dip AARD (UK)) is designed by Dr. Subir Banerji, the Programme Director of the internationally acclaimed MSc in Aesthetic Dentistry at the Faculty of Dentistry Oral & Craniofacial Sciences King's College London. This course is delivered in a blended learning format with 5 online modules and one onsite module (module 6) that comprises of 10 days of onsite workshops in international center's which are faculty approved training centers. The last assessment module (module 7) will be written assignments and presentation of clinical cases.

The onsite module involves intensive practical manikin and simulation-based exercises. It enables the delegates to learn and demonstrate understanding and application of techniques covered in clinical practice and also allows face-to-face interaction with the teaching faculty and peers.

The blended learning format enables the busy dentist to complete a structured programme in the field of aesthetic and restorative dentistry with due recognition without taking too much time away from their practice. Learning in the comfort of their own home and at their own pace. Depending on the scheduling of the onsite module, it is anticipated that the delegate will be able to complete all the modules in a year but may take upto 2 years if required. However, the time away from practice would only be 10 days (onsite module 6). For module 7, the clinical cases will be completed in the dentists' own practice on their own patients with guidance from faculty. Otherwise no travel or time away from home or practice is required. The assignments will be submitted and assessed online.

AWARDING BODY

This programme is recognized by **EduQual (UK)**, an awarding body from United Kingdom, as a post graduate level certificate course. It is equivalent to level 7 qualification. These awards can only be achieved if the syllabus, quality of teaching, course assessments and content are of a sufficiently high quality for Post Graduate Level 7 award as governed by the UK awarding bodies.

COURSE STRUCTURE

Course - Post Graduate Diploma in Advanced Aesthetic & Restorative Dentistry – PG Dip AARD (UK)

Online Modules – 5 (>350 hours of study material)

Delegates will get online access for 2 years (maximum) to complete all the 5 online modules however, it can be completed sooner as delegates are encouraged to study the online content at their own pace.

Onsite Workshops – 10 Days at worldwide locations

10 Days Masterclass with practical hands-on mannequin and simulation-based exercises. The format will be lecture, interactive seminar and workshop based with practical exercises on dental mannequins and simulation models.

Assessments – Online

Understanding of the course content will be verified by online assessments for modules 1-5 that will comprise of: Multiple Choice Questions & Short Answer Type Questions.

Final Assessment (Module 7) – Submission of 3 written assignments and 2 clinical cases.

Mentoring – Live online tutorials

Upon registration to the programme delegates will be allocated to a faculty tutor who will help and guide towards the preparation and submission of assignments and clinical cases. This guidance will be given via online face to face seminars during the duration of the programme.

ENTRY REQUIREMENTS

Registered Dental Practitioner with registration on the relevant Dental Council of country where employed as a dentist. The course will be conducted in English so knowledge of English essential. Internet access is required for online learning resources.

WHO IS THIS PROGRAMME FOR?

This programme is ideal for the dental clinician who wants to be able to learn in a structured manner from internationally renowned clinical educators on how to provide high quality long term and evidence based aesthetic and restorative treatment for their patients.

AIMS & OBJECTIVES

The course aims to:



- Provide students with a forum for thinking about their own work and clinical practice in the field of Advanced Aesthetic and Restorative Dentistry and therefore enhance understanding and practice.
- Provide a setting in which students may develop a critical understanding of various clinical techniques and materials and techniques relevant to contemporary Aesthetic and Restorative clinical practice.
- Provide an opportunity for students to develop skills in observation and self-reflection.
- Facilitate group learning and co-operation.
- Provide a view of Advanced Aesthetic and Restorative Dentistry techniques and a forum for discussion and development of skills already obtained at undergraduate level.
- Begin to formulate an understanding of Advanced Aesthetic Dentistry theories and locate this within contemporary evidence based clinical practice and questioning.
- Provide an opportunity to develop epistemological, methodological, observational and clinical skills in relation to Advanced Aesthetic and Restorative Dentistry.
- Afford students the opportunity to consider further training in Advanced Aesthetic and Restorative Dentistry.

At the end of this training, students will be able to:

- Develop an enhanced awareness and understanding of Advanced Aesthetic and Restorative Dentistry.
- Develop an understanding of techniques and their clinical application in the provision of Advanced Aesthetic and Restorative Dentistry.
- Further their understanding of patient communication and of the therapeutic process involved in the provision of Advanced Aesthetic and Restorative Dentistry.
- Develop the ability to understand the impact of the various techniques described in the literature on the clinical setting and the therapeutic dynamic.
- Develop some understanding of epistemological issues and skills in identifying relevant and practicable research projects and appropriate methodologies in the field of Advanced Aesthetic and Restorative Dentistry.
- Differentiate between the various techniques currently described and their therapeutic and long-term effects in-patient care in the provision of Advanced Aesthetic and Restorative Dental treatment.
- Develop contacts and interact with like-minded and motivated peers located in their home nation as well as internationally.

AWARDS

- Post Graduate Diploma in Advanced Aesthetic and Restorative Dentistry by EduQual (UK).
- Associated Continuing Professional Development Certificates as per enhanced Continuing Development Guidelines from the General Dental Council (UK).
- Induction as a Diplomat of the Academy of Dental Excellence.



Postgraduate Diploma
in
**Advanced Aesthetic and Restorative
Dentistry**
(EduQual Level 7, EQF Level 7)

is awarded to
Your name here

Issued November 2009

This document consists of two pages

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The following table shows broad comparisons, rather than direct equivalencies, between a variety of different qualification frameworks. Level descriptors are not provided.

EduQual Qualification Framework Level	UK Qualification Framework Level	ISCED Credit Accumulation System (EQF Level)	European Qualification Framework (EQF) Level	Equivalent to Higher Education Qualification (UK)	Example of Qualifications
8	8	12	8	8	Doctoral degree
7	7	11	7	7	Master degree EduQual Postgraduate Diploma/Certificate/Award
6	6	10/9	6	6	Postgraduate degree (first) EduQual Diploma/Certificate/Award
5	5	8	5	5	Undergraduate degree EduQual Advanced Professional Diploma/Certificate/Award
4	4	7	5	4	Higher National Certificate EduQual Professional Diploma/Certificate/Award
3	3	6	4	n/a	EduQual Advanced Diploma/Certificate/Award
2	2	5	3	n/a	EduQual Intermediate Diploma/Certificate/Award
1	1	4	2	n/a	EduQual Foundation Diploma/Certificate/Award
Entry	Entry 3	3	1	n/a	EduQual Entry Diploma/Certificate/Award
	Entry 2	2	n/a	n/a	
	Entry 1	1	n/a	n/a	

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Transcript



Your name here


Postgraduate Diploma
in
Advanced Aesthetic and Restorative Dentistry
(EduQual Level 7, EQF Level 7)

The learner has been awarded credit for the following units:

Unit title	Credit value
Principles of Managing Ethics for Aesthetic and Restorative Dentistry	20
Theoretical Management of Patient Identification for Aesthetic and Restorative Dentistry	20
Theoretical Management of Clinical Outcomes in Aesthetic and Restorative Dentistry	20
Theoretical Management of Patient Planning for Aesthetic and Restorative Dentistry	20
Theoretical Management of Clinical Aesthetic Restorations	20
Theoretical Management of Indirect Ceramic Veneer Restorations	20
Theoretical Management of Partial Removable Prosthodontics	20
Theoretical Management of Aesthetic Tooth Veneer	20
Theoretical Management of Tooth Whitening	20
Theoretical Management of Implants in the Aesthetic Zone	20
Practical Application of Evaluation and Assessment for Aesthetic and Restorative Dentistry	20
Practical Management of Treatment Planning for Aesthetic and Restorative Dentistry	20
Practical Management of Direct Procedures for Aesthetic and Restorative Dentistry	20
Practical Management of Indirect Procedures for Aesthetic and Restorative Dentistry	20
Practical Management of Advanced Aesthetic and Restorative Dentistry Practice	30
Apply the Principles of Management of Advanced Aesthetic and Restorative Dentistry to Assessment and Clinical Case Studies	30

Issued September 2019
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8	8	12	6	8		Diploma degree
7	7	11	7	7		Bachelor degree EduQual Postgraduate Diploma/Certificate/Award
6	6	10/9	6	6		Advanced degree (Award) EduQual Diploma/Certificate/Award
5	5	8	5	5		UK: Bachelor Degree EduQual Advanced Diploma/Certificate/Award
4	4	7	5	4		Higher National Certificate EduQual Diploma/Certificate/Award
3	3	6	4	N/A		EduQual Advanced Diploma/Certificate/Award
2	2	5	3	N/A		EduQual Certificate/Diploma/Certificate/Award
1	1	4	2	N/A		EduQual Certificate/Diploma/Certificate/Award
Entry 3	3	1	N/A			EduQual Certificate/Diploma/Certificate/Award
Entry 2	2	N/A	N/A			
Entry 1	1	N/A	N/A			



ACADEMY OF DENTAL EXCELLENCE

This is to certify that
Your Name Here
Registration No. _____ Country: _____
has completed
2-Day Intensive Hands-on Workshop
in Anterior and Posterior Indirect Restorations
Date: 11th & 12th Sep 2018
eCPD (as per GDC UK guidelines) 20hrs)





DR. W. B. BANERJI
Dent Master, ADE

DR. KYLLI HOGG
Dent Master, ADE

DR. CHRISTOPHER BLO
Dent Master, ADE

Course Faculty: DR. W. B. BANERJI

This eCPD is a quality assured by ADE.
It is a condition that the information contained within this certificate is full and accurate.
www.academyofdentalexcellence.com



2-Day Intensive Hands-on Workshop in Anterior & Posterior Indirect Restorations

AIMS: It aims to demystify the principles and some of the more challenging techniques for creating functional, predictable and aesthetic indirect restorations both anteriorly and posteriorly.


OBJECTIVES: At the end of this training, you will be able to:

1. Prepare tooth for posterior full coverage ceramic and metal ceramic crowns.
2. Prepare tooth for anterior full coverage ceramic and metal ceramic crown
3. Prepare posterior tooth for ceramic inlays
4. Prepare anterior teeth for ceramic veneers. Learn 4 different types of veneer preparation.
5. Understand about Cementation.
6. Select material.
7. Use tooth preparation guides.
8. Manage your anterior veneer cases.
9. Select the shade of your restoration.
10. Managing subgingival tooth preparations.
11. Optimize your anterior ceramic veneer preparations.
12. Select your bars for tooth preparations.
13. Make your anterior and posterior indirect restorations functional, predictable and aesthetic.


LEARNING CONTENT: Whilst concentrating on the 'hands-on element', the topics covered will include:

1. Principles of tooth preparation
2. All-ceramic restorations (including veneers and provisionalization)
3. Provisional bonded restorations
4. It also looks to challenge some of the more conventional views on indications for indirect restorations
5. As the end delegates will have a clear understanding of precision tooth preparation and have the chance to improve upon their existing techniques

GDC DEVELOPMENT OUTCOMES: This CPD course meets the criteria for the GDC's development outcomes B & C.






ACADEMY OF DENTAL EXCELLENCE



ACADEMY OF DENTAL EXCELLENCE

This is to certify that
Your Name Here
Registration No. _____ Country: _____
having successfully completed the Diploma in Advanced Aesthetic & Restorative Dentistry is hereby admitted as a
Diplomate of the Academy of Dental Excellence.


Date: DD MMM YYYY

DR. W. B. BANERJI
Dent Master, ADE

DR. KYLLI HOGG
Dent Master, ADE

DR. CHRISTOPHER BLO
Dent Master, ADE



FACULTY

COURSE DIRECTOR



Dr Subir Banerji

London, UK

BDS, MClintDent (Prosthodontics), PhD, MFGDP (UK), FICOI, FICD

Private practitioner in London UK, since 1987

Faculty with Kings College Dental Institute London since 2000

Programme Director MSc Aesthetics Dentistry since 2007.

Dr Subir Banerji qualified with a Bachelor of Dental Surgery from The University of Newcastle Upon Tyne Dental School, UK. He completed an advanced course in Restorative Dentistry at The Eastman Dental Hospital, London and his Fellowship of the International Congress of Oral Implantologists. He gained his Masters in Clinical Dentistry (Fixed and Removable Prosthodontics) from the University of London and PhD from Kings College London. He is also a fellow of the International College of Dentists. In addition to his Private Practice in London he is the Programme Director for the MSc in Aesthetic Dentistry which is delivered in a blended learning format, a Senior Post Graduate Tutor on the Masters in Clinical Dentistry (fixed and removable Prosthodontics) programme and a former Senior Undergraduate Clinical Teacher at the Department of Primary Dental Care at King's College London Dental Institute. He lectures nationally and internationally and has several publications to his credit in peer reviewed International journals, and is a reviewer for the Oral Health and Preventive Dentistry publication by Quintessence. He is the author of chapter 3 on Patient Examination and Assessment for the book Essentials in Aesthetic Dentistry Volume 1, published by Elsevier and released in December 2014. He is author and Editor in Chief for "Practical Procedure's in Aesthetic Dentistry"; a unique publication to be published by Wiley in January 2017 in which the written text is supported by online based video and multimedia material. He is also the author of the academic units on Implants, Posterior Composites and Tooth Wear for the Master's programmes at King's College and is involved in research. He has conducted several Postgraduate and Master's level courses in aesthetics, implants, composites, fixed and removable prosthodontics and occlusion in the UK, US, Europe, Australia, Hong Kong and India. He is also an examiner for both Undergraduate and Postgraduate programmes and has supervised and examined several Master's level final year research and dissertation projects. He is on the expert international panel to author a consensus paper on the treatment and management of Pathological Tooth Wear. He is an appointed expert and advisor to the General Dental Council (UK).

INTERNATIONAL EXPERTS

**Dr Kyle Hogg**

Cadillac, USA

DDS (Univ. of Michigan), AEGD (Univ. of Florida), MClintDent Prosthodontics (King's College London).

Kyle is part of a progressive group practice where he focuses on Prosthodontics, Implants, and Surgery. His post-doctoral formal education includes an AEGD residency at the University of Florida followed by completion of his Masters of

Clinical Dentistry in Prosthodontics at King's College London. He is currently in private practice as Principal, Dental Health Professionals (USA).

**Dr Christopher Ho**

Sydney, Australia

BDS Hons (SYD), Grad Dip Clin Dent (Oral Implants) (SYD), M. Clin. Dent. (Pros) (LON), D. Clin. Dent. (Pros) (SYD), MRACDS (Pros), FPFA

Dr Christopher Ho is a Specialist Prosthodontist who received his Bachelor of Dental Surgery with First Class Honours at the University of Sydney. He completed postgraduate studies in the

Graduate Diploma in Clinical Dentistry in Oral Implants at the University of Sydney, and a Masters of Clinical Dentistry in Prosthodontics with Distinction from the University of London. Furthermore he completed a Doctorate in Clinical Dentistry in Prosthodontics from the University of Sydney and is Fellow of the Pierre Fauchard Academy.

He conducts a large multi-disciplinary dental practice with general dental practitioners and specialists focusing on comprehensive dental care. In addition to his private practice, Dr Ho lectures extensively on aesthetic and implant dentistry both nationally and internationally. He is involved with the evaluation and development of new dental products and materials with several leading dental manufacturers. He was the Oral B spokesperson for Australia from 2012-2016. He contributes to the University of Sydney, having contributed to their undergraduate and postgraduate programs for over twenty years. Additionally, he lectures for the Oral Implant Diploma and Post-graduate Prosthodontic programs at the University of Sydney. He is a Faculty member of the Global Institute for Dental Education, Academy of Dental Excellence and is Visiting Lecturer at Kings College London, United Kingdom. He is author of numerous publications, as well as editor of the Wiley-Blackwell textbook "Practical Procedure in Aesthetic Dentistry".

He is in private practice in prosthodontic and implant dentistry in Sydney, Australia.

**Dr Shamir Mehta**

London, UK

BDS BSc MClinDent (Prosthodontics)(Lond) MFGDP(UK)

Dr Shamir Mehta is currently a Partner in two Practices in the North West London area. He is a Senior Clinical Teacher and Deputy Programme Director for the MSc in Aesthetic Dentistry at the KCLDI. He is also an Independent Clinical Adviser/ Expert, taking instructions from the General Dental Council (UK) and the Medical Defence Union (MDU). Shamir has contributed to a number of peer reviewed publications as well as several non-peer reviewed articles. He has also published his clinical research data on various topics. Shamir is also an internal examiner for both undergraduate and postgraduate courses at the KCLDI, an Editorial Board Member for the EC Dental Science Journal and has also served as a manuscript reviewer for the Primary Dental Journal, FGDP(UK). He is also an opinion provider for GC (UK) and Garrison Solutions, and in 2016 was selected as a finalist for the prestigious FMC (Aesthetic Dentistry Awards) category of full mouth reconstruction and was awarded Highly Commended.

**Dr Louis Mackenzie**

Birmingham, UK

Dr Louis Mackenzie is a general dentist working in Birmingham, England and is a clinical lecturer at the University of Birmingham School of dentistry and in the postgraduate department at King's college London. He delivers postgraduate lectures nationally and internationally on direct and indirect restorative techniques and minimally invasive dentistry and runs a series of popular hands-on courses. He is co-founder of www.dentaljuce.com the online verifiable dental CPD library, is a member of the editorial board of Dental Update journal and is the head of clinical training at Simplyhealth Professionals. He is one of the U.K's most experienced experts in e-learning in Dentistry.



Dr Angelo Lazaris

Sydney, Australia

Dr. Angelo Lazaris is a practicing cosmetic dentist in Sydney, Australia. He operates a boutique dental practice in the heart of Sydney's CBD focused on aesthetic rehabilitations. He earned his Bachelor of Dental Surgery degree with Honours in 1991 from the University of Sydney. Since graduating, he has completed a number of post-graduate courses and educational programmes, both in Australia and overseas, furthering his knowledge and experience in the fields of Aesthetic Dentistry, Dental Implants and Complex Restorative Dentistry, which are areas of special interest for his practice.

In 2014, Dr Lazaris graduated from Kings College London Dental School's Post Graduate Masters in Aesthetic Dentistry program and has subsequently made the transition from student to educator. Angelo is truly passionate about his work and his technical skills are matched by sound theoretical knowledge on a wide base of topics in contemporary aesthetic dentistry.



Dr Jorge Andre Cardoso

Espinho, Portugal

Dr Cardoso has completed his DMD from Porto University, Portugal and Masters in Clinical Dentistry from Kings College, London, UK.

He runs a private practice dedicated to Aesthetic Dentistry in Portugal and is the author of several articles in peer reviewed journals. He is also an honorary clinical teacher at KCL.

Additional faculty and course contributors from Reputed University level clinical educators by invitation.

ONLINE MODULES

MODULE 1: FOUNDATION OF ADVANCED AESTHETIC AND RESTORATIVE CARE

Unit Number	Unit Title	Learning outcomes
1.1	<i>'Initial assessments and evaluations'</i> – essential practice for a new patient examination.	<ul style="list-style-type: none"> - Know the essential steps for new patient examination. - Identify, and locate the details required to make a full examination. - Develop good practice in patient examination for evaluation to provide advanced aesthetic and restorative dentistry.
1.2	<i>'Evaluation of the aesthetic zone'</i> – current concepts in beauty and aesthetics.	<ul style="list-style-type: none"> - Know the current concepts. - Apply these concepts in the aesthetic evaluation
1.3	<i>'The fundamentals of occlusion'</i> – occlusal terminology, functional assessments and Occlusal records.	<ul style="list-style-type: none"> - Analyse the patient's occlusion. - Recognise the correlation between aesthetics and function. -Apply occlusal principles to clinical practice
1.4	<i>'Ethical matters in aesthetic dentistry – the importance of consent and good record keeping.'</i>	<ul style="list-style-type: none"> - Apply ethical principles for patient care. - Choose treatment options which are in the patient's best interest.
1.5	<i>'Clinical photography and digital imaging techniques'</i> – good record keeping, case presentation and aesthetic design.	<ul style="list-style-type: none"> - Apply clinical photography and digital imaging for good record keeping. - Recognise the principles of good clinical photography. - appraise clinical images.
1.6	Review of the Literature	<ul style="list-style-type: none"> - Appraise & Interpret the relevant available evidence. - Relate the evidence to clinical practice. - Apply evidence-based practice.
1.7	Module 1 Summative Assessment	<ul style="list-style-type: none"> - Conduct self test appraisal of the study materials. - Revise the important and relevant points for clinical application. - Compare the alternatives presented.

MODULE 2: PLANNING FOR ADVANCED AESTHETIC AND RESTORATIVE CARE

Unit Number	Unit Title	Learning outcomes
2.1	<i>'Logical treatment planning'</i>	<ul style="list-style-type: none"> - Compose a logical and effective aesthetic and restorative treatment plan. - Prepare a treatment plan for advanced aesthetic and restorative care. - Prepare an integrative treatment plan.
2.2	<i>'Planning aesthetic treatment 1. – Smile Design' – attaining a predictable aesthetic outcome. 2D and 3D smile design protocols, aesthetic mock up templates and keys</i>	<ul style="list-style-type: none"> - Know the current concepts. - Apply these concepts in the aesthetic evaluation
2.3	<i>'Planning aesthetic treatment 2. – Functional considerations' – practical occlusion – attaining the desired functional outcome and an introduction to occlusal splints.'</i>	<ul style="list-style-type: none"> - Analyse the patient's occlusion. - Recognise the correlation between aesthetics and function. - Apply occlusal principles.
2.4	<i>'The assessment of periodontal tissues'</i>	<ul style="list-style-type: none"> - Recognise the healthy signs of a periodontal complex. - Recognise the signs of disease for the periodontal tissues.
2.5	<i>'Prevention and stabilization of oral disease' – the key concepts.</i>	<ul style="list-style-type: none"> - Recognise the importance of prevention and stabilisation. - apply the principles of prevention and stabilisation.
2.6	Review of the Literature	<ul style="list-style-type: none"> - Appraise & Interpret the relevant available evidence. - Relate the evidence to clinical practice. - Apply evidence-based practice.
2.7	Module 2 Summative Assessment	<ul style="list-style-type: none"> - Conduct self test appraisal of the study materials. - Revise the important and relevant points for clinical application. - Compare the alternatives presented.

MODULE 3: DIRECT PROCEDURES IN ADVANCED AESTHETIC AND RESTORATIVE CARE

Unit Number	Unit Title	Learning outcomes
3.1	<i>'Teeth whitening'</i>	<ul style="list-style-type: none"> - Know the various effective techniques for teeth whitening. - Apply these techniques - Differentiate between the effectiveness of the various techniques in various clinical situations.
3.2	<i>'Direct aesthetic dental materials.'</i>	<ul style="list-style-type: none"> - Compare and contrast the various materials in use for providing an aesthetic outcome. - Appraise the material properties for optimising the aesthetic outcome.
3.3	<i>'Anterior direct resin restorations' – including direct composite resin veneers.'</i>	<ul style="list-style-type: none"> - Know the steps involved for an effective bond and finishing process for direct anterior composite restorations. - Create an aesthetic and functional outcome with direct composite resin.
3.4	<i>'Posterior direct resin restorations.'</i>	<ul style="list-style-type: none"> - Know the steps involved for an effective bond and finishing process for direct anterior composite restorations. - Create an aesthetic and functional outcome with direct composite resin. - Know the steps to produce direct posterior composite onlays.
3.5	<i>'Restoration of deep carious lesions & management of the endodontically treated tooth.'</i>	<ul style="list-style-type: none"> - Know the current concepts in the management of the carious lesion. - Know and appraise the various forms of reinforcement and post techniques for the endodontically treated tooth.
3.6	Review of the Literature	<ul style="list-style-type: none"> - Appraise & Interpret the relevant available evidence. - Relate the evidence to clinical practice. - Apply evidence-based practice.
3.7	Module 3 Summative Assessment	<ul style="list-style-type: none"> - Conduct self test appraisal of the study materials. - Revise the important and relevant points for clinical application. - Compare the alternatives presented.

MODULE 4: INDIRECT PROCEDURES IN ADVANCED AESTHETIC AND RESTORATIVE CARE

Unit Number	Unit Title	Learning outcomes
4.1	' <i>Fundamentals in fixed prosthodontics</i> ' – Restoration design, tooth preparation, material selection, provisionalisation, delivery (cementation, finishing and polishing)	<ul style="list-style-type: none"> - Know the principles of restoration design and tooth preparation. - Appraise and select the most appropriate material. - Design the most appropriate provisional restoration. - Know the principles of indirect restoration cementation protocols.
4.2	' <i>Aesthetic indirect materials</i> ' – what, why and when to select the most appropriate material.	<ul style="list-style-type: none"> - Know the indications and contraindications of the various available materials. - Appraise and select the most appropriate indirect restoration for an aesthetic outcome.
4.3	' <i>Provisional indirect restorations</i> ' – their role in planning for a predictable outcome.	<ul style="list-style-type: none"> - Recognise the importance of a provisional restoration. - Know the application of provisionals. - Design and create appropriate provisional restorations.
4.4	' <i>Impression techniques, soft tissue management, effective laboratory communication.</i>	<ul style="list-style-type: none"> - Know the principles of soft tissue management. - Know the materials and tray selection process. - Recognise and appraise the development of digital impression techniques.
4.5	' <i>Ceramic veneers.</i> ' Restoration design, tooth preparation, material selection, provisionalisation, delivery (cementation, finishing and polishing)	<ul style="list-style-type: none"> - Know the principles of restoration design and tooth preparation. - Appraise and select the most appropriate material. - Design the most appropriate provisional restoration. - Know the principles of indirect ceramic veneer cementation protocols.
4.6	Review of the Literature	<ul style="list-style-type: none"> - Appraise & Interpret the relevant available evidence. - Relate the evidence to clinical practice. - Apply evidence-based practice.

4.7	Module 4 Summative Assessment	<ul style="list-style-type: none"> - Conduct self-test appraisal of the study materials. - Revise the important and relevant points for clinical application. - Compare the alternatives presented.
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MODULE 5: MANAGEMENT OF MISSING DENTITION & OTHER PROCEDURES IN ADVANCED AESTHETIC AND RESTORATIVE CARE

Unit Number	Unit Title	Learning outcomes
5.1	<i>'Bridge design'</i> – concepts in planning and preparation.	<ul style="list-style-type: none"> - Know the principles of bridge design and application of minimal invasive adhesive bridges. - Plan and appraise the most appropriate bridge design. - Know the principles of tooth preparation for bridge designs
5.2	<i>'Re-organisation of the occlusion.'</i> – how to attain a predictable outcome.	<ul style="list-style-type: none"> - Know the occlusal principles with relation to the re-organised approach to rehabilitation. - Apply the principles of occlusion for a re-organised approach. - Formulate an appropriate occlusal prescription to maximise the aesthetic, restorative and long-term functional outcome
5.3	<i>'Management of the missing dentition'</i> – denture design; role of implants.	<ul style="list-style-type: none"> - Apply the principles of partial denture design to optimise for a functional and aesthetic outcome. - Know the prosthodontic and aesthetic principles for implant rehabilitation of the missing tooth/teeth in the aesthetic zone. - Know the restorative and prosthodontics phases for rehabilitation with dental implants.
5.4	<i>'Pre-restorative procedures'</i> – advanced periodontal techniques; orthodontics in restorative dentistry.	<ul style="list-style-type: none"> - Know the different techniques for the periodontal tissues to produce an aesthetic outcome.

		<ul style="list-style-type: none"> - appraise and differentiate between the various techniques. - Apply the periodontal techniques for the appropriate clinical indications. - Identify the orthodontic, aesthetic and functional interface. - Formulate and create an effective interactive orthodontic and restorative treatment plan.
5.5	'Contingency planning' – planning for failure – what can we expect to happen and how to plan a successful long-term solution.	<ul style="list-style-type: none"> - Design a effective strategy to manage the failure of aesthetic and restorative materials and techniques. - Know the factors relating to long term success of restorations. - Know how to plan treatment to minimise failure.
5.6	Review of the Literature	<ul style="list-style-type: none"> - Appraise & Interpret the relevant available evidence. - Relate the evidence to clinical practice. - Apply evidence-based practice.
5.7	Module 5 Summative Assessment	<ul style="list-style-type: none"> - Conduct self test appraisal of the study materials. - Revise the important and relevant points for clinical application. - Compare the alternatives presented.

ONSITE MODULE*

MODULE 6: 10-DAY ONSITE WORKSHOP

DAY 1: CRITICAL APPRAISAL & SMILE DESIGN

AIMS

- To help you develop an aesthetic practice
- To explain the importance of managing the aesthetic patient's expectations
- To effectively treatment plan for predictable aesthetic outcome

OBJECTIVES

At the end of this training, delegates will be able to:

- Effectively treatment plan for the Aesthetic patient
- Construct a interdisciplinary aesthetic treatment plan
- Apply the concept of Smile Design
- Critically appraise the available literature
- Manage the expectations of the Aesthetic patient
- Recognize different Aesthetic technique's.
- Obtain informed consent
- Develop an aesthetic practice
- Perform ethical selling of aesthetic treatments

LEARNING CONTENT

- Treatment planning for the Aesthetic patient
- Smile design
- Critical appraisal of the literature
- Management of the Aesthetic patient
- Managing expectations of the aesthetic patient.
- Aesthetic technique's.
- Obtaining informed consent
- Developing an aesthetic practice.
- Ethical selling of aesthetic treatments.

DAY 2: PERIODONTAL PROCEDURES IN AESTHETIC DENTISTRY

AIMS

This course aims to impart delegates with the necessary skills and knowledge to apply periodontal procedures predictably for their aesthetic patients.

OBJECTIVES

By the end of this training, delegates will be able to:

- Effectively treatment plan for periodontal aesthetic interface
- Perform crown lengthening procedures
- Perform soft tissue contouring procedures
- Perform simple grafting procedures
- Determine when to refer the periodontal aesthetic patient.

LEARNING CONTENT

Whilst concentrating on the 'hands-on element', the topics covered will include:

- Treatment planning for periodontal aesthetic interface
- Crown lengthening
- Soft tissue recontouring
- Connective tissue grafting in general practice
- Referring for the periodontal aesthetic patient.

DAYS 3 & 4: TWO DAY INTENSIVE WORKSHOP IN ANTERIOR AND POSTERIOR DIRECT COMPOSITE RESTORATIONS

AIMS

It aims to demystify the principles and some of the more challenging techniques for creating functional, predictable and aesthetic direct restorations both anteriorly and posteriorly.

OBJECTIVES

At the end of this training, you will be able to:

- Predictably bond composite.
- Select a case.
- Design and produce smile make overs with direct composite.
- Place direct composite veneers.
- Finish and polish direct composites.
- Do ceramic repairs with direct composite.

- Mask the discoloured tooth.
- Build up the broken down anterior and posterior tooth.
- Place Class IV anterior build up's
- Place Class II posterior build up's
- Do Full crown build up's for posterior teeth.
- Apply and use anterior and posterior sectional matrices.
- Create functional, predictable and long term aesthetic anterior and posterior direct composite restorations for your patients in general dental practice.
- Work with the dental dam.
- Make direct composites profitable for you in general dental practice.

LEARNING CONTENT

Whilst concentrating on the 'hands-on element', the topics covered will include:

- Principles of tooth preparation
- Direct composite onlays and veneers
- Direct composite Build up's
- Dental dam
- Aesthetic layering
- Bonding and finishing

DAYS 5 & 6: TWO DAY INTENSIVE WORKSHOP IN ANTERIOR AND POSTERIOR INDIRECT RESTORATIONS

AIMS

It aims to demystify the principles and some of the more challenging techniques for creating functional, predictable and aesthetic indirect restorations both anteriorly and posteriorly.

OBJECTIVES

At the end of this training, you will be able to:

- Prepare teeth for posterior full coverage ceramic and metal ceramic crowns.
- Prepare teeth for anterior full coverage ceramic and metal ceramic crowns.
- Prepare posterior teeth for ceramic onlays.
- Prepare anterior teeth for ceramic veneers. Learn 4 different types of veneer preparations.
- Recognize different types of Cementation.
- Select material.
- Use tooth preparation guides.
- Manage your anterior veneer cases.
- Select the shade of your restorations.

- Manage subgingival tooth preparations.
- Optimise your anterior ceramic veneer preparations.
- Select your burs for tooth preparations.
- Make your anterior and posterior indirect restorations functional, predictable and aesthetic.

LEARNING CONTENT

Whilst concentrating on the 'hands-on element', the topics covered will include:

- Principles of tooth preparation
- All-ceramic restorations (including veneers and provisionalisation)
- Porcelain bonded restorations
- It also seeks to challenge some of the more conventional views on indications for indirect restorations
- At the end delegates will have a clear understanding of precision tooth preparation and have the chance to improve upon their existing techniques.

DAY 7: APPLYING OCCLUSION IN GENERAL DENTAL PRACTICE

AIMS

- To illustrate the importance of occlusion in general dental practice.
- To explain the clinical relevance of the principles of occlusion.
- To instruct on applying the theory of occlusion into clinical practice.

OBJECTIVES

At the end of this training, delegates will be able to:

- Examine their patients occlusion.
- Determine when and how to intervene.
- Apply the principles of occlusion to produce long term predictability in your direct and indirect restorations - from the single tooth to full arch restorations.
- Apply the principles to treat and manage the localised and generalized worn dentition.
- Take a face bow record.
- Assess the workings of a semi adjustable articulator - have your restorations fabricated in an efficient and predictable protocol.
- Determine when, which and how to take intraocclusal records.
- Make full coverage occlusal stabilisation splint.
- Sequence your treatment of the complex case making the outcome predictable for you

and affordable for your patient.

- Increase your practice income from cases you previously may have referred.

LEARNING CONTENT

Whilst concentrating on the 'hands-on element', the topics covered will include:

- Practical considerations of clinical occlusion
- Taking of facebow and inter-occlusal records
- Finding centric relation and articulator selection

DAY 8: MANAGEMENT OF TOOTH WEAR

AIMS

This course aims to impart delegates with the necessary skills and knowledge to diagnose and treat cases of Tooth Wear in General Dental Practice. An array of practical techniques will be taught, which permit contingency planning.

OBJECTIVES

At the end of this training, delegates will be able to:

- Assess and diagnose pathological tooth wear.
- Determine which cases require active restorative intervention, and where passive management (prevention and monitoring) would suffice.
- Effectively treatment plan for the management of wear cases, including the ability to apply established principals of aesthetics and occlusal stability to attain predictable outcomes
- Identify the merits and drawbacks of the differing treatment protocols, materials (metal alloys, ceramic and resin) and techniques used to restore the worn dentition, including the use of conventionally and adhesively retained indirect restorations
- Develop the skills and knowledge to treat worn localized and generalized Tooth Wear

LEARNING CONTENT

Whilst concentrating on the 'hands-on element', the topics covered will include:

- Principle of tooth wear
- Management & treatment planning of wear cases
- Protocols, materials & techniques for restoring worn dentition

DAY 9 & 10: IMPLANT RESTORATIONS & MANAGEMENT OF THE PARTIALLY DENTATE

AIMS

- To be able to do effective dental restorations using implants.
- To be able to avoid/manage the complications related to implant restorations
- To design a partial removable prosthesis for maximal aesthetic outcome
- To manage the partially dentate with removable prosthesis

OBJECTIVES

At the end of this training, delegates will be able to:

- Aesthetically Treatment plan for the partially dentate
- Recognize the role of implants in aesthetic dentistry
- Take impressions for restoring implants
- Identify the implant complications
- Develop soft tissue contours for an aesthetic implant outcome
- Recognize the component parts used in implant dentistry
- Demonstrate maintenance and recall
- Manage occlusion on implant restorations
- Compare restoration of screw and cement retained implant prosthesis
- Effectively communicate with the implant surgeon for effective treatment planning and aesthetic outcome
- Design a partial removable prosthesis following aesthetic principles
- Predictably treat the partially edentulous patient for a removable prosthesis.

LEARNING CONTENT

Topics include:

- Implants in aesthetic dentistry
- Treatment planning
- Mechanisms of failure of implant restorations
- Maintenance and other issues

*Sequence and schedule for the onsite classes may vary depending on the onsite location and will be communicated at the time of enrolment.

COURSE FEE

USD 11,700/- OR GBP 9,200/- (current fee for 2019 entry)

Note

The program fee is not inclusive of any taxes, national or international travel, flights, accommodation, breakfast or evening dinners. The price may also vary depending on the onsite location options chosen.

For flexible payment options, please contact us at info@dentalexcellence.academy

HOTEL ACCOMMODATION

Hotel accommodation arrangements are delegates own responsibility and are not covered in the fee. Suggestions can be obtained upon request at: info@dentalexcellence.academy



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