

DENTALTM ROUTES

EDUCATIONAL
PATHWAYS &
BUSINESS
SOLUTIONS

Inaugural Prospectus 01.2020

2020 TRAINING COURSE OVERVIEW

WHO FOR:	GENERAL DENTAL PRACTITIONERS
SUBJECT:	CERTIFICATE IN DENTAL IMPLANTOLOGY
STARTING:	FEB. 28 TH 2020
DURATION:	8 DAYS / FEB. 28 TH TO SEPT. 19 TH 2020
LOCATION:	SMILE SUFFOLK – DENTAL IMPLANT & FACIAL AESTHETIC CLINIC: 1 WOODBRIDGE ROAD EAST, IPSWICH IP4 5QP
PLACES:	STRICTLY LIMITED TO 15
COURSE FEE:	£5,495.00 (EARLY-BIRD PRICE: £4,995.00)

Reserve your place with a click or a call.

Call our Course Coordinator
Chloe Barrett on 07985 557641,
email hello@dentalroutes.org
or visit www.dentalroutes.org

EARLY-BIRD REGISTRATION
Save
£500
Usual price £5,495*
*TC's & C's Apply.
See website for details.

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Early-Bird Special Offer: Terms & Conditions

If candidates register on or before January 15th 2020, the Early-Bird discount of £500 will be applied to the standard price of £5,495.00. Registration received after January 15th will revert to the standard price of £5,495.00. All prices include VAT. For details on payment schedules, please refer to page 24 of this guide.

Any questions? Call our Course Coordinator Chloe Barrett on 07985 557641 or email hello@dentalroutes.org

Contributors: Dr. Senthil Thiagarajan, Dr. Jai Prathap Reddy, Dr. Darshan Boindala, Dr. Koushik Naik & Mr Andrew G Stewart
Brand & design: Mr Andrew G Stewart
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WELCOME

Dental Routes[™] offer general dental practitioners the opportunity to improve skills, knowledge and benefit from mentor-led training in the field of dental implantology.

We're passionate about what we do, it's why we created Dental Routes[™] – to share insights designed to equip and enable you to develop a strong foundation.

Whatever your starting point, our structured course is tailored with you in mind. A pathway to a brighter future. Limited to just 15 places...

**What are you waiting for?
Sign up online at www.dentalroutes.org
and secure your place.**

OUR PROPOSITION

Dental Routes™ brings together a curated team of industry professionals tasked with improving skills, building capability and providing pathways to learning in support of long-term growth within the field of dental implantology.

DENTAL ROUTES™

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FOREWORD

05



Dr. Jai Prathap Reddy
Dental Routes™ Founding Director

Dr. Senthil Thiagarajan
Dental Routes™ Founding Director

Dr. Darshan Boindala
Dental Routes™ Founding Director

Mr Koushik Naik
Dental Routes™ Founding Director

Over the last decade, implantology has become an indispensable part of mainstream dentistry, helping dentists improve the quality of life of large patient populations. However, according to the ADI, coverage in both the undergraduate and postgraduate curriculum has been slow, unstructured and limited. A lack of recognised academic standards and training pathways has generated obstacles to both the modern-day dental practice and the industry as a whole.¹

Dental Routes™ has been established to bridge the gap (so to speak) by providing a new learning platform centred on training, equipping and educating within the world of implantology. Why? To support, improve and maintain standards of patient care. To provide a quality-assured course, where practical-based learning, hands-on experience and a mentoring programme is designed around the needs of the postgraduate candidate.

Delivered by a curated team of highly-skilled, multi-disciplined dental professionals, our course content builds on the tenets of informing and empowering students in support of lifelong learning. We have developed a curriculum based on international best practice, working with practicing dental professionals to ensure the curriculum content is right up to date and relevant to the needs of both the learner and the wider dental industry. With an international roster of highly accomplished speakers, our approach builds on past findings, present methodologies and the latest in cutting-edge techniques and technological advancements.

Treat yourself like someone you are responsible for helping.² Invest in yourself, improve your competencies, broaden opportunities and welcome possibilities. We hope you find the following pages insightful and we look forward to welcoming you onto the course.

1: http://www.adl.org.uk/profession/dentists_guide-to-implantology.pdf
2: Jordan B. Peterson, 12 Rules for Life: An Antidote to Chaos

- **Benefit from hands-on mentor-led training**
- **Experience the latest technology, techniques and tools of the trade**
- **Benefit from a holistic multi-discipline approach**
- **Your chance to hear from an international roster of speakers**
- **Gain insights and best-practice**
- **Make connections, establish ongoing support and advice**
- **Realise your potential and discover next-step pathways**



Meet the Dental Routes™ team



Dr. Senthil Thiagarajan
Founding Director

BDS, IQE, MPH, MFDS, MSc Oral Surgery & Implantology

Dr. Senthil has a keen interest in the field of Cosmetic Dentistry and Dental Implants which he has pursued with a commitment to postgraduate qualifications. This included a 2 year implant course held by the Faculty of General Dental Practitioners at The Royal College of Surgeons. Dr. Senthil has completed a 1 year Postgraduate certificate course on 'Cosmetic and Aesthetic Restorative Dentistry' in London, and in December 2019, he completed his master's program (MSc) in Oral Surgery and Dental Implantology. Dr. Senthil's practice won 'Best Practice Design & Brand' (South) in the 2019 Private Dentistry Awards, in recognition of excellence in private dentistry in the UK and Ireland. Dr. Senthil's practice were also Award Finalists in the following categories: Most Improved Practice, Best Referral Practice and Practice of the Year.

Skills and Expertise:
Dental Implantology /
Restorative Dentistry /
Endodontics.



Dr. Koushik Naik
Founding Director

BDS, IQE, MSc Oral Surgery & Implantology

Mr Koushik has been a dentist since 1999, with special interests in Aesthetics and Occlusion. Owner and Clinical Director of Smile Orchard Dental Practice since 2013. Vastly experienced in advanced oral rehabilitation procedures, with special interest in the field of Dental Implantology and Dental Lasers. Trained in Implantology at the Royal College of Surgeons (RCS) in London and further completed a master's program in Oral Surgery and Dental Implantology. Recent advancements in Dental Lasers has driven greater interest in this field, and this has led to acquiring a fellowship in Dental Lasers.

Skills and Expertise:
Dental Implantology /
Restorative Dentistry /
Laser Dentistry.



Dr. Jai Prathap Reddy
Founding Director

BDS, IQE, MFDS RCSEd, DRDP, MSc Oral Surgery & Implantology

Jai has special interest in Dental Implants, Laser dentistry as well as Restorative and Cosmetic Dentistry with emphasis on smile designing. Most of his work at his own dental practice uses advanced digital solutions/ platforms, Trios intraoral scanners, Dental Hard and soft tissue Lasers and also in house CBCT 3D radiography. Jai has also accumulated a wealth of knowledge from his various previous roles such as Dentist in Indian Army Dental Corps retiring as a Major, Clinical Manager for Dental corporate, Dentist Appraiser for NHS, VTE trainer, etc. He keeps training across the globe to keep abreast of current concepts in his topics of special interest. He has received the Global Medical Excellence award twice for clinical excellence and Patient care presented at the prestigious venue of British Parliament, UK.

Skills and Expertise:
Dental Implantology /
Restorative Dentistry /
Digital and Laser Dentistry.



Dr. Darshan Boindala
Founding Director

BDS, MFDS, MBBS, MSc Oral Surgery & Implantology

Dr. Boindala trained in Oral and Maxillofacial Surgery for 10 years. He is dually qualified and completed his medical training in 2008. Dr. Darshan is passionate about teaching post graduate dentists and has been involved in teaching as a lecturer for the post-graduate dentistry exams the MFDS and MJDF. He is also very involved in the training of Overseas registration exam for dentists) and the LDS examinations at the Royal College of Surgeons. He was awarded the Honorary Lectureship from the Royal College of Surgeons, England in 2009 for his teaching. In December 2019, Dr. Boindala completed his master's program (MSc) in Oral Surgery and Dental Implantology.

Skills and Expertise:
Dental Implantology /
Oral Surgery / Sedation.

Speakers & Contributors



Dr. Giovanni B. Menchini Fabris DDS, PHD

Professor of Odontostomatological Sciences at the University of Marconi

Professor at the Department of Oral and Maxillofacial Surgery, SUNY at Buffalo, USA. Adjunct Professor of Odontostomatological Sciences (Med-28) at the 'G. Marconi' University of Rome for which he directs and coordinates numerous post-graduate courses in the dental field including the international University Master course in Oral Implantology (UMOI). Dr. Giovanni carries out clinical and research activities in the field of implantology and reconstructive bone surgery for implant purposes for which he was a speaker at national and international courses and conferences.

SUBJECT: SINUS LIFT / SOFT TISSUES

DATES: SEPTEMBER 19TH 2020 / DAY 8



Dr. Luigi Rubino MD, DDS

Awarded Masters Degree in Digital Dentistry; Professor in Dental Radiology, University of Genoa, Pisa, Rome

Dr. Luigi's goal is the promotion and protection of the oral health of his patients, establishing a therapeutic alliance with them. His continuous scientific, clinical and technological updating allows the application of the most modern diagnostic and therapeutic techniques. Dr. Luigi is the inventor of VRubino, virtual reality applied to the medical field and in particular to dental implantology.

SUBJECT: CBCT, MAXILLARY SINUS RADIOLOGY, VIRTUAL REALITY IN IMPLANTOLOGY

DATES: JULY 18TH 2020 / DAY 6



Dr. Reem Hanna BDS, MSc Oral Surgery, MSc Laser Dentistry

Associate Specialist in Oral Surgery at King's College Hospital; Honorary Associate Professor at UCL Eastman Dental Institute

Dr. Hanna is a registered specialist in Oral Surgery and is a Honorary Associate Professor at UCL. Dr. Hanna was appointed, as a professor at the Department of Surgical Sciences and Integrated Diagnostics, University of Genoa, Italy. Dr. Hanna teaches on the Msc and Fellowship Diploma in laser dentistry programs at University of Genoa and also course leader for the fellowship courses in laser dentistry for dentists, hygienists and therapists at UCL. Dr. Hanna lectures nationally and internationally on oral laser applications and phototherapy.

SUBJECT: INTRODUCTION TO LASER-ASSISTED IMPLANTOLOGY

DATES: SEPTEMBER 18TH 2020 / DAY 6



Mr Thiruchelvam MBBS, BDS, FRCS Oral & Maxillofacial

Consultant Oral and Maxillofacial Surgeon, Chelmsford, Essex

Mr Thiruchelvam has been a consultant in Oral and Maxillofacial surgery since 2007. He is currently the lead clinician leading the surgical management of Head and Neck cancer and facial reconstruction at Broomfield hospital, Chelmsford. Apart from Hospital based cancer work, Mr Thiruchelvam's special interests involve surgical removal of wisdom teeth, internal and lateral wall sinus lift and harvesting Chin/Ramus block bone grafts for implant therapy. Over the past 12 years he has also been heavily involved in teaching and training junior doctors in the hospital.

SUBJECT: MAXILLARY AND MANDIBLE ANATOMY & OTHER TOPICS

DATES: FEBRUARY 29TH 2020 / DAY 2



Dr. Raj Dubal BDS, MFDS, Mclin Dent (Pros), MRD, FDS, PG Cert Dent ED, ISFE (Rest Dent)

Consultant in Restorative Dentistry at Bart's and St George Hospital, London

Dr. Raj qualified in 2001, after working in general practice he completed his mono-specialty training in Fixed and Removable Prosthodontics at Bart's and The London in 2008. Following years of being an Mono Specialist in Prosthodontics, Dr. Raj embarked on specialty training in Restorative Dentistry at St George's and King's Dental Hospitals in London and is currently working as consultant restorative dentist at St George's Hospital, London. He has a keen interest in the rehabilitation of patients with complex acquired dento-alveolar and oral defects.

SUBJECT: RESTORATIVE ASPECTS OF IMPLANT AND OCCLUSION

DATES: MAY 16TH 2020 / DAY 4



Dr. David Veige DDS, BDS, MJDF, MSc Implant Dentistry

Implant Dentist; Trained Dental Technician

Dr. David hails from Toronto, Canada and was originally trained as a dental technician in Canada where he partnered with his older brother at the dental lab. David qualified as a Dentist from the University of Newcastle and having experience in both the laboratory and clinical side of dentistry has helped David treat complex dental issues working closely with his laboratory. Dr. David Believes 'Bringing together the latest advancements in digital dentistry, dental technology and clinical dentistry into one arena so that the patients experience and journey during implant treatment is as seamless as possible.'

SUBJECT: DIGITAL PLANNING AND IMPLANT RESTORATIONS

DATES: JULY 17TH 2020 / DAY 5



Laura Horton

Strategic consultant

Laura is founder of Horton Consulting, a business born from a love for Dentistry. A specialist in her own right, Laura has extensive knowledge and experience both in the management and development of the modern-day dental business. With over 2 decades in the industry, Laura has been on the lecture circuit, advises on improving patient experience, business development, brand positioning, strategy, financial and due process. She hosts a regular podcast and is passionate in a commitment to help dental practitioners and their businesses reach their full potential.

SUBJECT: PATIENT EXPERIENCE / BUSINESS PERFORMANCE & MARKETING

DATES: SEPTEMBER 18TH 2020 / DAY 7



Dr. Darshan Boindala BDS, MFDS, MBBS, MSc Oral Surgery & Implantology

Dental Routes Founding Director

Dr. Darshan trained in Oral & Maxillofacial Surgery for 10 years. He is dually qualified and completed his medical training in 2008. Dr. Darshan is passionate about teaching post graduate dentists and has been involved in teaching as a lecturer for the post-graduate dentistry exams the MFDS and MJDF. He is also very involved in the training of Overseas registration exam for dentists and the LDS examinations at the Royal College of Surgeons. He was awarded the Honorary Lectureship from the Royal College of Surgeons, England in 2009 for his teaching.

SUBJECT: GBR, BIOMATERIALS AND FLAP DESIGN & OTHER TOPICS

DATES: ALL 8 DAYS

Speakers & Contributors



Dr. Koushik Naik BDS, IQE, MSc Oral Surgery & Implantology

Dental Routes Founding Director

A dentist since 1999 with special interests in Aesthetics and Occlusion, Dr. Koushik is owner and Clinical Director of Smile Orchard Dental Practice since 2013. Vastly experienced in advanced oral rehabilitation procedures, with special interest in the field of Dental Implantology, and Dental Lasers. Trained in Implantology at the Royal College of Surgeons (RCS) in London and further completed a master's program in Oral Surgery & Dental Implantology. Recent advancements in Dental Lasers has driven greater interest in this field, and this has led to acquiring a fellowship in Dental Lasers.

SUBJECT: INFECTION CONTROL & OTHER TOPICS

DATES: ALL 8 DAYS



Dr. Senthil Thiagarajan BDS, IQE, MPH, MFDS, MSc Oral Surgery & Implantology

Dental Routes Founding Director

Dr. Senthil has a keen interest in the field of Cosmetic Dentistry and Dental Implants which he has pursued with a commitment to postgraduate qualifications. This included a 2-year implant course held by the Faculty of General Dental Practitioners at The Royal College of Surgeons. Dr. Senthil has completed a 1 year Postgraduate certificate course on 'Cosmetic and Aesthetic Restorative Dentistry' in London. and in December 2019, he completed his master's program (MSc) in Oral Surgery and Dental Implantology.

SUBJECT: BONE BIOLOGY, PHYSIOLOGY AND PATHOLOGY

DATES: ALL 8 DAYS



Dr. Jai Reddy BDS, IQE, MFDS, MSc Oral Surgery & Implantology

Dental Routes Founding Director

Jai has special interest in Dental Implants, Laser dentistry as well as Restorative and Cosmetic Dentistry with emphasis on smile designing. Most of his work at his own dental practice uses advanced digital solutions/ platforms, Trios intraoral scanners, Dental Hard and soft tissue Lasers and also in house CBCT 3D radiography. Jai has also accumulated a wealth of knowledge from his various previous roles such as Dentist in Indian Army Dental Corps retiring as a Major, Clinical Manager for Dental corporate, Dentist Appraiser for NHS, VTE trainer, to name a few.

SUBJECT: INTRODUCTION TO DENTAL IMPLANTS

DATES: ALL 8 DAYS



Chloe Barrett

Dental Routes Course Coordinator

Chloe started her career in dental nursing in 2012 and qualified in 2015. During her time as a dental nurse, she gained extensive experience in dental nursing during complex procedures such as dental implants and oral surgery. She progressed into the role of lead dental nurse, taking on the role of Practice Manager at Smile Suffolk – Ipswich in 2018. Chloe enjoys managing a team of staff and ensuring the smooth running of the practice.

SUBJECT: COURSE COORDINATOR




DATES: ALL 8 DAYS

'Stay true to yourself, yet always be open to learn. Work hard, and never give up on your dreams, even when nobody else believes they can come true but you. These are not clichés but real tools you need no matter what you do in life to stay focused on your path.'


Phillip Sweet – American Musician



Welco Pos



2020 COURSE SCHEDULE



56 HRS CPD

DAY 1:	28 FEBRUARY
DAY 2:	29 FEBRUARY
DAY 3:	15 MAY
DAY 4:	16 MAY
DAY 5:	17 JULY
DAY 6:	18 JULY
DAY 7:	18 SEPTEMBER
DAY 8:	19 SEPTEMBER





me sibility



COURSE CONTENT

DAY 1 OF 8

DAY 1

28 FEBRUARY 2020 / CPD: 7 HOURS

- 08:30 – 09:00 **Registration**
- 09:00 – 09:30 **Introduction to the course and certificate requirements**
Dr. Senthil Thiagarajan
- 09:30 – 10:30 **The GDC training requirements – Negligence and malpractice**
Dr. Darshan Boindala
- 10:30 – 12:00 **Case Assessments. Surgical Aspects**
Dr. Senthil Thiagarajan
- 12:00 – 13:00 **What, Why and How of Implant dentistry and introduction to Dental Implants**
Dr. Jai Reddy
- 13:00 – 14:00 **Lunch**
- 14:00 – 15:00 **Infection Control and Asepsis for Implant surgical dentistry**
Dr. Koushik Naik
- 15:00 – 16:00 **PRACTICAL SESSION:** Cross Infection in implant surgery.
Patient Preparation, Scrub Up
- 16:00 – 17:00 **PRACTICAL SESSION:** on Clinical Photography
Opportunity for participants to bring a camera
- 19:00 **WELCOME MEAL:** Delegates meal, Sponsored/paid for by Dental Routes
All delegates welcome

COURSE CONTENT

DAY 2 OF 8

DAY 2

29 FEBRUARY 2020 / CPD: 7 HOURS

- 08:30 – 09:00 **Registration**
- 09:00 – 10:00 **Blood supply and innervation to the Maxilla and Mandible**
Mr Thiruchelvam
- 10:00 – 11:00 **Head and neck spaces and its infections**
Mr Thiruchelvam
- 11:00 – 12:00 **Maxillary and Mandible anatomy with applied implications to implants**
Mr Thiruchelvam
- 12:00 – 13:00 **All about Implants – Implant Systems, Surfaces and Abutments**
Dr. Darshan Boindala
- 13:00 – 14:00 **Lunch**
- 14:00 – 15:00 **Case-based discussions: Single Implant – delayed placement**
- 15:00 – 17:00 **PRACTICAL SESSION:** Hands on implant placement on a Phantom Model – implants, selection of abutments, implant Impression taking open tray and closed tray



COURSE CONTENT

DAY 3 OF 8

DAY 3**15 MAY 2020 / CPD: 7 HOURS**

08:30 – 09:00	Registration
09:00 – 10:00	Introduction to GBR and Biomaterials Dr. Darshan Boindala
10:00 – 11:00	Flap design, Suturing material and techniques Dr. Darshan Boindala
11:00 – 12:00	Bone Biology, physiology and pathology Dr. Senthil Thiagarajan
12:00 – 13:00	Surgical Management of implant complications Dr. Darshan Boindala
13:00 – 14:00	Lunch
14:00 – 15:00	Case based discussions single / Multiple Implant – Immediate Implant placement delayed loading
15:00 – 17:00	PRACTICAL SESSION: Hands on exercise on pigs head – GBR, flap design and suturing

COURSE CONTENT

DAY 4 OF 8

DAY 4

16 MAY 2020 / CPD: 7 HOURS

- 08:30 – 09:00 **Registration**
- 09:00 – 10:00 **Case Assessments – Restorative Aspects**
[Dr. Raj Dubal](#)
- 10:00 – 11:00 **Implant Impression ‘Analogue and Digital’ Implant impressions**
[Dr. Raj Dubal](#)
- 11:00 – 12:00 **Occlusion in implant Dentistry**
[Dr. Raj Dubal](#)
- 12:00 – 13:00 **Restorative Management of implant complications**
[Dr. Raj Dubal](#)
- 13:00 – 14:00 **Lunch**
- 14:00 – 17:00 **PRACTICAL SESSION:** Live Clinical Demonstration of Dental Implant placements or restoration or opportunity for supervised surgery with participants’ own patients



COURSE CONTENT

DAY 5 OF 8

DAY 5**17 JULY 2020 / CPD: 7 HOURS**

- 08:30 – 09:00 **Registration**
- 09:00 – 10:00 **A comprehensive knowledge to digital dentistry**
Dr. David Veige
- 10:00 – 11:00 **Applied sciences, hardware, software and research-based formats**
Dr. David Veige
- 11:00 – 12:00 **Workflow using CAD design, CAM material knowledge**
Dr. David Veige
- 12:00 – 13:00 **CBCT and Guided Surgery Knowledge for day today practice**
Dr. David Veige
- 13:00 – 14:00 **Lunch**
- 14:00 – 17:00 **PRACTICAL SESSION:** Live Clinical Demonstration of Dental Implant placements
or restoration or opportunity for supervised surgery with participants' own patients
-

COURSE CONTENT

DAY 6 OF 8

DAY 6**18 JULY 2020 / CPD: 7 HOURS**

- 08:30 – 09:00 **Registration**
- 09:00 – 10:00 **Introduction to Radiology and CBCT**
Dr. Luigi Rubino
- 10:00 – 11:00 **Case Pre-assessment, Radiology**
Dr. Luigi Rubino
- 11:00 – 13:00 **Introduction to lasers in General Dentistry and application in Implant Dentistry**
Dr. Reem Hanna
- 13:00 – 14:00 **Lunch**
- 14:00 – 15:30 **2D and 3D Radiological Techniques (PA/OPG/CBCT and Virtual Reality in implantology)**
Dr. Luigi Rubino
- 15:00 – 17:00 **PRACTICAL SESSION: Hands-on implant placement with a surgical guide – on a model**



COURSE CONTENT

DAY 7 OF 8

DAY 7**18 SEPTEMBER 2020 / CPD: 7 HOURS**

- 08:30 – 09:00 **Registration**
- 09:00 – 11:00 **Patient journey in Implant dentistry**
[Laura Horton](#)
- 11:00 – 12:00 **How to Increase conversion Rates**
[Laura Horton](#)
- 12:00 – 13:00 **World class marketing**
[Laura Horton](#)
- 13:00 – 14:00 **Lunch**
- 14:00 – 15:00 **Case based discussions Full Arch Restoration – Immediate Placement and Immediate Loading**
- 15:00 – 17:00 **PRACTICAL SESSION:** Live Clinical Demonstration of Dental Implant placements or restoration or opportunity for supervised surgery with participants own patients
- 19:00 **CELEBRATION MEAL – ALL DELEGATES WELCOME**

COURSE CONTENT

DAY 8 OF 8

DAY 8

19 SEPTEMBER 2020 / CPD: 7 HOURS

- 08:30 – 09:00 **Registration**
- 09:00 – 10:00 **Management of soft tissues around implants**
[Dr. Giovanni B. Menchini Fabris](#)
- 10:00 – 11:00 **Sinus Anatomy, pathology and sinusitis**
[Dr. Giovanni B. Menchini Fabris](#)
- 11:00 – 13:00 **Introduction to sinus lifts lateral and crestal approaches**
[Dr. Giovanni B. Menchini Fabris](#)
- 13:00 – 14:00 **Lunch**
- 14:00 – 17:00 **Case presentations from the Candidates**

AWARDS CEREMONY



**'Knowledge is power.
Information is liberating.
Education is the premise
of progress, in every
society, in every family.'**

Kofi Annan – former Secretary General of the United Nations
and Nobel Peace Laureate



Case studies

23

Case Study 1: ULI replacement with single implant

Patient fell from the bike and broke her UL1. The UL1 was removed, implant placed and loaded at the same time – 8 years follow up the bone is very stable.

1A



1B



1C



1D



Case Study 2: Loss of vertical height

Lateral wall window sinus lift and simultaneous implant placement.

2A



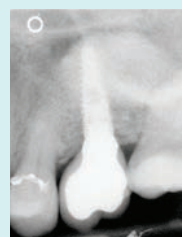
2B



2C



2D



Case Study 3: Failed upper and lower teeth

We removed all teeth with immediate implant placement and delayed loading. We went with maxillary shortened dental arch fixed teeth and mandibular teeth replaced with Locators. The bone and gingival tissue are stable. 4 years follow up.

3A



3B



3C



3D



Case Study 4: Failed upper and lower posterior teeth

We went with immediate placement with delayed loading. The bone and gingival tissue are stable. 3 years follow up

4A



4B



4C



You've got questions?

Good, you've passed the first test!

We hope you've enjoyed working through our prospectus. For us, our training programme is less about the transactional nature of what we do (what you're buying from us), it's more about the relationship, what people like you can achieve with us. Yes, to be clear on the offer, but also to enable you to better understand and appreciate the value exchange.

So to questions, it's likely you'll have a few, so we've included some basic questions and answers below. However, if you have any specific questions, we'd love to hear from you. You can call us on 07985 557641 or email Chloe Barrett at hello@dentalroutes.org

Q1: How will attending your course lead to further pathways and education options?

A1: Great question... Our course has been specially tailored as a pathway to open up options and possibilities. Once you have successfully completed the course, you have 3 options:

- 1). Advanced Training in Practical Implantology
- 2). MSc in Dental Implant & Oral Surgery
- 3). Advanced Learning in Dental Laser for General Dental Practice

We would be happy to open-up a conversation, to share thoughts and ideas in relation to your best next steps, options and possibilities.

Q2: How do I register, what is the payment process and can I spread payment?

A2: You can register online at www.dentalroutes.org or you can call our course curator Chloe Barrett on 07985 557641. To make the course more accessible, we have a structured payment plan spread over the duration of the course:

		If you book before January 15th	If you book after January 15th
Deposit:	On or before January 15th	£495.00	£495.00
Payment 1:	On or before February 7th	£1,125.00	£1,250.00
Payment 2:	On or before April 15th	£1,125.00	£1,250.00
Payment 3:	On or before June 26th	£1,125.00	£1,250.00
Payment 4:	On or before August 28th	£1,125.00	£1,250.00
Total payment:		£4,995.00	£5,495.00

Payment: Please note, VAT is included.

Bank: Barclays / Account details: Dental Routes Business Support Limited

Account Number: 00695521

Sort Code: 201720

If paying by BACS, please use reference "**DR2020**" and your name or initials.

We are also offering a further 2% discount if you pay the total balance in full. If before Jan 15th (on £4,995.00), you would save £100; if paid in full after Jan 15th (on £5,495.00), you would save £110.

FAQ'S

Q3: How does mentoring work?

A3: When it comes to mentoring, your first case is free. Follow-on mentoring, outside of the course will be £400 for the first implant; £250 for subsequent implants. For further information, please call Chloe Barrett on 07985 557641 or email hello@dentalroutes.org

Q4: What do I need to do to ensure I pass the course?

A4: **To complete certification requirements, you will need to:**

1. Attend all 8 Study Days
2. Pass the MCQ assessment at end of every study day
3. Successfully complete 3 mentored clinical cases

This course is the starting point of your career pathway in implant dentistry and is designed to provide a solid foundation for career-long skills development. The course commences in Feb 2020

Q5: What is the eligibility criteria?

A5: General Dental Practitioner – BDS or equivalent
Course taught in English

Q6: Does the course meet GDC training requirements?

A6: **Yes.** The course program meets all of the GDC's requirements for Training Standards in Implant Dentistry. After completion of the course and attainment of the Certificate of Competency you will be able to place implants in straightforward cases, in your own practice safe in the knowledge that you have satisfied the GDC regulations.

Q7: What is required to gain the 'certificate'?

A7: To receive the 'Certificate of Competency in Dental Implantology' you will need to have attended all 8 Study Days, passed the end of course study day MCQ's and successfully completed 3 mentored clinical cases. You have up to 2 years from the end of the course to complete the 3 clinical cases.

Q8: Does the course provide patients for us to treat?

A8: The Course does not provide patients. You need to treat your own patients with help of one of the course Mentors in your own surgery / Mentor surgery or bring your own patient and treat them on the practical day of the course.

Q9: I need to travel a long way to attend the course, can I stay locally?

A9: There are plenty of hotels nearby (Salthouse Harbour Hotel is 1.6miles and Holiday Inn is 2.4 miles away from the practice). Closest Railway station – Ipswich railway station and the practice is 15 mins ride in a taxi. Stansted Airport is 60 mins away by Taxi.

Q10: When I gain the 'certificate of competency' what will I be able to do?

A10: Upon completion of the Certificate requirements, you will have been trained to a standard and level that will enable you to confidently plan and provide straightforward implant treatment on your own patients in your own practice, in accordance with the GDC requirements for implantology in the UK. You will have the treatment planning skills to enable you to identify advanced and potentially undertake complex cases.

Q11: How does the Dental Route's course compare to the market?

A11: Our course, within the market place, we believe is unique. This is based on a number of factors including the number of practical sessions, our mentor-led programme, our roster of international speakers and curated content.

LEARNING OUTCOMES

26

28 Feb 2020 / Day 1

- Introduction of implants to a dental practice
- GDC learning requirements before starting off
- Case assessment history taking and medical assessment for implant success
- Team work and clinical success in implant dentistry
- Nurse led cross infection control in implant dentistry
- Understand microbiology and protocols and have performed draping and gowning
- Photography in dentistry and its principles and importance
- To understand the difference that implants make to patients

29 February 2020 / Day 2

- Understanding the blood supply of the maxillary and mandibular teeth
- Facial spaces and infections spread in them
- Clear understanding of the nasal cavity and maxillary sinus anatomy
- Applied anatomy of the sinus lift technique and bone grafting
- Implant types, surfaces and abutment systems- recent changes, platform shifting
- Achieve an encompassing understanding of basic rationales for implant design and implant surface structures and their interaction with soft and hard tissues
- Candidates learn to place an implant on a 3D bone model and understand drill protocols and pressures and torques
- Factors affecting the selection of the correct implant for a case scenario

15 May 2020 / Day 3

- Demonstrate and learn about various types of GBR and Bone grafting available and studies available
- Understand the use of membranes in conjunction with bone grafts
- Understand the clinical relevance of the above processes
- Understand the indications for ridge expansion
- Understand radiographic pre-treatment assessment
- Understand the clinical procedures relating to the procedure
- Clear application of the flap design to avoid anatomical structures safely when planning implant placement
- Understand the principles of bone biology, bone physiology and turnover and healing
- Understand the complications of implant surgical procedures and its management and prevention
- Understand bone physiology and in depth study of bone and soft tissue interface with implants
- Demonstrate and practically show adequate hand skills to raise close a flap over an augmented site pigs jaws

16 May 2020 / Day 4

- Gain practical hands-on experience with restorative aspects
- Have a practical understanding of how Occlusion works and what happens when it does not
- Bruxism and dental implants - is it safe
- Digital methods of impression making
- Importance of occlusion in implant dentistry
- To understand the complications of restorative mistakes and how to identify and avoid them in implant restorations
- Understand critical elements of record keeping and valid consent

- Understand accreditation requirements and establish compliance
- Will understand how to take, store and use clinical photographs from a team perspective

17 July 2020 / Day 5

- Application of a cbct software to work up a lower posterior mandible
- Understand how to measure length and width of available bone and use software to help choose implant sizes
- Clear application of the software to avoid anatomical structures safely when planning implant placements
- Blue sky bio software discussed in detail and candidates understand how to use and plan with it
- To understand the key difference between the surgical and prosthetic guides
- Understand how to measure length and width of available bone and use software to help choose implant sizes
- Clear application of the software to avoid anatomical structures safely when planning implant placements

18 July 2020 / Day 6

- Understand the difference of CBCT from conventional CT
- Understand the importance of identifying vital structures in a CBCT
- Dicom and its possible conversion to STL, segmentation, image matching and use for guided surgery and cad-cam,
- The digital flow that goes from the radiological and STL acquisition
- 2D Versus 3D, name of the plans in 3D Radiology
- Advantages of digital RX, Hounsfield, contrast resolution, window, spatial resolution
- Radiation protection - ALARA, doses in the various dental X-ray exams: intraoral, orthopantomogram, status RX, CBCT and TC
- CT versus CBCT, advantages and disadvantages of both: gantry, Hounsfield, volume management, isotropic and anisotropic voxels and their use for the purposes of 3D, interpolation, FOV, stitching, MicroTC and artifacts
- Rational use of CT and CBCT in each branch of dentistry with relative Sedentex guidelines (specific structure of the European Commission)
- Maxillary sinus Radiology
- To be able to see the scope of lasers in clinical dentistry

18 & 19 September 2020 / Day 7 & 8

- The understanding of a patient journey and its significance in implant dentistry
- Ethical advertising and discussing true outcomes
- Ethical and correct marketing tools and avoiding false expectations
- Understand the indications for soft tissue grafting and keratinized collars
- Understand the importance of maintaining emergence profiles of crowns
- Understand the importance of mentorship in the early parts of the career
- Allow candidates to see the scope for future education
- Maxillary sinus anatomy and surgical procedures involving the sinus
- Maxillary sinus surgery complications

LEGALS

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