



# IDA Annual Conference

Great Southern Hotel | Killarney | April 25-27, 2024



**DENTAL**  
**CONNECTIONS:**  
**IDA/AAFP 2024**



American Academy of  
Fixed Prosthodontics

**ADA C·E·P®** | Continuing Education  
Recognition Program

# President's welcome

Fáilte go Ciarraí 2024

It gives me great pleasure to present to you details of our forthcoming Annual Conference 2024 – Dental Connections. We return to the Kingdom and the beautiful venue of the Great Southern Hotel, Killarney, from Thursday to Saturday, April 25-27.

This year I am delighted to work in collaboration with the American Association of Fixed Prosthodontics (AAFP) to bring you a dedicated prosthodontic programme on Friday and Saturday mornings.

I am very grateful to this year's conference committee. Chaired by Dr Kieran O'Connor, and comprising Drs Mary O'Keeffe, Aisling Donnelly, Aoife Crotty, Daniel Collins, and Ms Elaine Hughes, the Committee has worked hard to produce a comprehensive scientific programme. We are very fortunate to have some outstanding national and international speakers to present on a variety of topics. I am especially pleased to welcome Dr Carl Driscoll (prosthodontics), Dr Monik Vasant (restorative), Dr Linda Greenwall (tooth whitening), and Prof. Kathryn Harley (paedodontics).

We are also delighted to have invited well-known Irish speakers to present to us because of their proven track record in delivering high-quality research and clinically relevant presentations.

Our pre-conference day on the Thursday represents a great opportunity to improve clinical skills in endodontics with Dr Bob Philpott, composites with Dr Dipesh Parmar, tooth whitening with Dr Linda Greenwall, implant preparation design with Dr Seamus Sharkey, and sedation with Prof. Paul Brady and Dr Catherine Gallagher. This year we are also delighted to have a hands-on course for dental hygienists on Saturday.

This year we will have three sessions running in parallel on Friday and Saturday mornings. Any delegate can join any programme at any stage. On Saturday we will also have our dental nurses' programme.

Once again, we welcome the involvement of our dental supply colleagues, who will showcase the most up-to-date equipment and services on Friday and Saturday. Their presence at and sponsorship of the Conference allows us to put together such a varied programme of speakers and to attract speakers from abroad.

Our annual golf competition will take place on both Wednesday and Thursday, April 24 and 25. Our Annual Dinner will take place on Friday, April 26, at the Great Southern Hotel – all are welcome.

Remember to include Dental Connections in your diary for 2024.



I look forward to seeing you there!

**Dr Rory Boyd**  
President Elect

## CONFERENCE COMMITTEE



**Kieran O'Connor**  
Chair



**Daniel Collins**



**Aoife Crotty**



**Aisling Donnelly**



**Mary O'Keeffe**



## Going through the 'correct' motions: endo from start to finish

**Dr Bob Philpott**

FULL-DAY HANDS-ON COURSE (9.00AM-5.00PM)

There's no question that root canal treatment can be complex. Complex access, complex canals, complex restorations. Often, when stress levels rise, we lose sight of the principles to follow and this results in further stress and less than ideal outcomes.

This full-day hands-on course will focus on the processes to follow to get the best results during root canal treatment. Using simulated teeth, we will practice hand and rotary instrumentation techniques, troubleshoot and overcome lifelike problems, and obturate and restore our preparations.

The emphasis will be on hands-on techniques and understanding the main processes that, if followed, will ensure success in your daily work.

At the end of the course, attendees will:

1. Recognise the importance of gaining adequate access to the root canal system.
2. Apply simple principles and techniques to get to the apex quickly.
3. Develop techniques to make their root canal instrumentation quicker and more predictable.
4. Understand the steps of obturation and apply these in practice.
5. Utilise tips and techniques to restore root-filled teeth to optimise outcomes.



## Mini smile makeover – one-day hands-on anterior composite masterclass

**Dr Dipesh Parmar**

FULL-DAY HANDS-ON COURSE (9.00AM-5.00PM)

Minimally invasive aesthetic dentistry should not compromise the remaining dentition any more than is absolutely necessary to secure pleasing form, colour and alignment, while providing long-term stability and function.

Dipesh will guide delegates from basic principles of mini smile design all the way to predictable clinical strategies for the most common situations, and marketing and fee setting. The course combines close over-the-shoulder mentoring on several hands-on exercises with looped video playback of each step to ensure that each delegate stays on track.

This course is designed to take dentists of all skill levels to the next level, beginning with a simple anatomy and polishing exercise, and culminating in the full restoration of a peg-shaped lateral.

**Educational objectives:**

- case assessment and treatment planning for direct anterior restorations;
- analysis of dental optical properties for reproduction;
- photography tips for the anterior zone;
- material science to optimise aesthetics and function;
- material selection to emulate enamel translucency and dentine opacity;
- simplified and systematic shade selection protocol;
- mastering anterior isolation techniques;
- marginal preparations and substrate treatment;
- accurate and rapid reproduction of lingual contour and incisal edge form using a silicone index;
- basic and advanced resin layering techniques;
- material management to create seamless and invisible restorations;
- recreation of mamelons, craze lines, internal characterisations and incisal halos;
- when, where and why to use opaques;
- how to create tight contacts and anatomical emergence profiles;
- anatomy of the anterior tooth;
- contouring and finishing restorations to create form and texture;
- polishing restorations to impart long-term gloss and lustre; and
- clinical step-by-step cases illustrating the management of:
  - class IIIs;
  - class IVs;
  - class Vs;
  - edge bonding;
  - direct resin veneer;
  - peg lateral;
  - diastema closure;
  - discoloured anterior tooth; and,
  - toothwear.

**Hands-on component:**

- direct resin veneer; and,
- peg lateral build-up: advanced polychromatic layering technique.

# PRE-CONFERENCE PROGRAMME

Thursday, April 25



## Facial aesthetics

**Drs Mairead Browne, Paul Kielty and Sarah Kate Quinlivan**

FULL-DAY LECTURE AND DEMO (9.00AM-5.00PM)

A deep dive into the world of botulinum toxin treatments and how they may be applied to your daily practice as a general dentist. On this full-day agenda we will address the history, pharmacology, and clinical applications of botulinum toxin treatments. There will also be anatomy sessions. We will explore how to correctly assess your patients and close our session with clinical demonstrations on live patients, looking at different injection techniques and patterns. We will also address the business side of aesthetics, outlining our varied career paths into maxillofacial surgery combined with aesthetics, general dentistry combined with aesthetics, and working full-time in aesthetic practice. We will also provide guidance on training to provide these treatments effectively and safely in your own practice.



## Preparation design in fixed prosthodontics

**Dr Seamus Sharkey**

FULL-DAY LECTURE AND HANDS-ON COURSE (9.00AM-5.00PM)

### Course outline

This course will provide a hands-on tutorial on preparation design in fixed prosthodontics. The full-day course will consist of practical demonstrations of preparation techniques and designs, involving live demos and delegate participation using electric micro-motors on phantom head models. In addition, there will be informal mini-lectures accompanying each segment to try and explain the principles and techniques involved in tooth preparation. At all stages the goal will be to pass on as much practical and useful information to delegates as possible in order to benefit their everyday practice.

### Course objectives

The main areas to be covered are:

- classic and modern principles of tooth preparation;
- practical and useful information for everyday clinical use in fixed prosthodontics;
- a combination of hands-on and informal didactic discussions to add to existing clinical knowledge; and,
- increased confidence in material selection and preparation design.

### Learning outcomes

Attendees will:

- gain a deeper understanding of the principles of successful crown and bridge design and clinical techniques, and how to apply them;
- know when to apply different designs to different clinical scenarios; and,
- gain enhanced theoretical and manual skills for tooth preparation.

# PRE-CONFERENCE PROGRAMME

Thursday, April 25



## Sedation – an update

Prof. Paul Brady and Dr Catherine Gallagher

HALF-DAY LECTURE (9.30AM-12.30PM OR 2.00PM-5.00PM)

A short refresher course for those practising intravenous benzodiazepine conscious sedation for dentistry.

### Intended learning outcomes:

- safely and appropriately deliver patient care in compliance with the most recent Dental Council Code of Practice regarding Dental Conscious Sedation;
- adopt an evidence-based approach to conscious sedation;
- evaluate the risks and benefits of treatment under conscious sedation, including patient selection criteria;
- describe how to monitor a patient receiving conscious sedation;
- identify, assess and manage complications; and,
- implement a team-based approach to patient care.

The course will be:

- delivered over three hours with both didactic and practical components; and,
- presented by Prof. Paul Brady and Dr Catherine Gallagher from Cork University Dental School and Hospital.



## Whitening and white spot eradication with ICON

Dr Linda Greenwall

TWO-HOUR WORKSHOP (12.30PM-2.30PM OR 3.00PM-5.00PM)

This course is designed specifically for dentists who would like to expand their knowledge and develop their skills by providing tooth whitening and resin infiltration for patients. The course is both theory and hands on, in line with General Dental Council (GDC) Scope of Practice and enhanced CPD, while following the European and UK legislation concerning tooth-whitening products.

Linda shares her wealth of knowledge and experience by explaining the scientific research behind tooth whitening and resin infiltration, and discussing how the three classification categories of tooth-whitening techniques are vital to assist with treatment planning for predictable and successful outcomes.

White spot eradication and how to combine this with further minimally invasive aesthetic treatment will also be discussed in detail.

Delegates will have the opportunity to practice applying gel for home whitening treatment, isolation for in-surgery procedures, and techniques for microabrasion and ICON.

### Aim:

To provide delegates with knowledge and the opportunity to develop the skills to carry out safe and appropriate tooth whitening and white spot eradication to achieve successful results for their patients.

### Learning outcomes

At the end of the session, delegates will be able to:

1. Relate to the scientific research of tooth whitening and dental bleaching.
2. Recall the process of tooth whitening and dental bleaching.
3. Summarise the key points of the EU Directive concerning tooth-whitening products.
4. Identify the various tooth-whitening and dental bleaching techniques.
5. Explain the causes of sensitivity and patient management during treatment.
6. Discuss strategies to manage problems associated with tooth whitening and dental bleaching.
7. Develop programmes for effective tooth whitening and dental bleaching for patients and your practice.
8. Apply home whitening gel safely into patients' trays.
9. Perform in-surgery isolation safely.
10. Demonstrate how to carry out resin infiltration (ICON).



# CONFERENCE PROGRAMME

Friday, April 26

## PROGRAMME 1

## HALL 1

## PROGRAMME 2

## HALL 2

9.00am–10.00am Dr Seamus Sharkey  
How current restorative materials influence our tooth preparation in fixed prosthodontics

10.00am–11.00am Dr Francesco Mannocci  
Restoring root-filled teeth: what is important to improve survival?

11.00am–11.30am COFFEE BREAK

11.30am–12.15pm Dr Linda Greenwall  
The single discoloured tooth, vital and non-vital tooth whitening

12.15pm–1.00pm Prof. Paul Brady  
Sedation – an Irish perspective

9.00am–10.00am Dr Kathy Harley  
The restorative treatment of enamel defects in children

10.00am–11.00am Dr Susan O'Connell  
Maintaining control in aligner orthodontics

11.30am–12.15pm Dr Neysan Chah  
Beyond the routine: enhancing dental care for orofacial pain patients

12.15pm–1.00pm Dr Emily Clarke  
These teeth have perio pockets – what should I do?

1.00pm–2.00pm LUNCH

2.00pm–2.45pm Dr Martin Foster  
Dental Protection

2.45pm–3.30pm Dr Michael Freedman  
No teeth, no bone, no options? Managing the edentulous maxilla

2.00pm–2.45pm Dr Eimear McHugh  
Dealing with difficult extractions

2.45pm–3.30pm Dr Mairead Browne  
Botulinum toxin – where are we now? An overview of the evolution of botulinum toxin and tips and tricks to advance your toxin practice and navigate the latest trends

3.30pm–4.00pm COFFEE BREAK

4.00pm–4.15pm COSTELLO MEDAL PRESENTATION

4.00pm–4.45pm Dr Aida Ben Cheikh  
Forensic sciences and odontology: when teeth head from evidence to identity

4.00pm–4.45pm Dr Sheila Galvin  
Oral medicine for GDPs

4.45pm–5.30pm Dr Mahrukh Khwaja  
Can positive psychology make you healthier and happier?



# CONFERENCE PROGRAMME

Saturday, April 27

| PROGRAMME 1   |   | HALL 1 | PROGRAMME 2     |   | HALL 2 |
|---|---|--------|-----------------|---|--------|
| 10.00am-11.00am   | Dr Kieran Daly and Mr Dylan Murray<br>Orthodontics, orthognatic surgery and the restorative interface |        | 10.00am-11.00am | Dr Monik Vasant<br>Composite artistry – part 2                      |        |
| 11.00am-11.30am COFFEE BREAK  |   |        |                 |   |        |
| 11.30am-12.15pm   | Dr Francesco Mannocci<br>Cone beam CT in endodontics: instructions for use for the general dentist    |        | 11.30am-12.15pm | Dr Ahmed Kahatab<br>Oral care for the frail older person            |        |
| 12.15pm-1.00pm  | Dr Donal Blackwell<br>TRBBs ... playing with both the pontic and the cement!                          |        | 12.15pm-1.00pm  | Ms Anne Marie McGarrigle<br>Radiation protection in dental practice |        |
| 1.00pm-2.00pm LUNCH   |   |        |                 |   |        |
| 2.00pm-3.00pm<br>PANEL DISCUSSION ON HOW TO DEAL WITH THE CRACKED TOOTH |   |        |                 |   |        |
| 3.00pm-4.00pm   | Dr Monik Vasant<br>Composite artistry – part 1  |        | 3.00pm-4.00pm   | TBC   |        |
| 4.00pm CLOSE OF CONFERENCE  |   |        |                 |   |        |





# AAFP PROGRAMME

ALL CONFERENCE DELEGATES ARE WELCOME TO ATTEND

## Friday, April 26

|                              |   |
|------------------------------|---|
| 9.00am–10.00am               | <b>Prof. Carl Driscoll</b><br><i>Just because we can, doesn't mean we should</i>  |
| 10.00am–11.00am              | <b>Dr Anne Gunderman</b><br><i>Digital dentistry in the fourth dimension</i>  |
| 11.00am–11.30am COFFEE BREAK |   |
| 11.30am–12.15pm              | <b>Dr Advan Moorthy</b><br><i>Shade selection and communication</i>   |
| 12.15pm–1.00pm               | <b>Dr Ariel Raigrodski</b><br><i>The evolution of zirconia from a framework to a monolithic restorative material – an evidence-based clinical perspective</i> |

## Saturday, April 27

|                 |  |
|-----------------|--|
| 9.00am–10.00am  | <b>Prof. Brian O'Connell</b><br><i>Lip service—can we provide oral healthcare for an ageing population?</i>            |
| 10.00am–11.00am | <b>Dr Kenneth Malament</b><br><i>An advanced perspective on lithium disilicate restorations in the age of zirconia</i> |
| 11.30am–12.15pm | <b>Dr Radi Masri</b><br><i>Peri-implantitis: what is inside dental implants?</i>                                       |
| 12.15pm–1.15pm  | <b>Dr Ronan Allen</b><br><i>Bone and soft tissue healing after tooth extraction</i>                                    |

## GOLF



The President's Golf Competition will take place at Killeen Golf Club on Thursday, April 25, from 11.15am.

For anyone booked to do a pre-Conference course on Thursday, we have reserved some tee times on Wednesday, April 24, at Mahony's Point (2.30pm).

Play is in three balls. As well as Conference delegates, accompanying guests and all supply exhibitors are also welcome to play. Only delegates registered for the Conference can be eligible for the President's Prize.

## ANNUAL DINNER



The Annual Dinner takes place on Friday, April 26, at the Great Southern Killarney. Tickets €95. All delegates and supplier sponsors welcome.

Dress code: Black Tie.



# DENTAL NURSES' PROGRAMME

Saturday, April 27

8.30am–10.30am

Dr Simon Shawe, DMI  
Maintaining and looking after your dental equipment

10.30am–11.15am

Dr Catherine Gallagher  
Medical emergencies for dental team members

11.15am–11.45am TEA/COFFEE

11.45am–12.45pm

Dr Kieran Daly and Dr Hamza Malik  
Photography for dental nurses

12.45pm–1.45pm LUNCH

1.45pm–2.30pm

Dr Ahmed Kahatab  
Treating the older patient

2.30pm–3.30pm

Dr Martin Foster  
Dental Protection

## HANDS-ON PRACTICAL COURSE – DENTAL HYGIENISTS

Saturday, April 27 (9.00am–5.00pm)

### Comprehensive implant supportive management for dental hygienists

To be able to assess, manage and support patients pre- and post-implant treatment.

#### Objectives:

- discuss the anatomical differences between implants and natural teeth and be able to classify peri-implant health and disease;
- discuss the common risk factors for implant disease;
- heighten awareness of the basic principles of peri-implant disease management and how to implement a practice protocol; and,
- discuss the importance of pre-implant assessment, including periodontal status and how this may affect supportive therapy recall.

#### Learning outcomes:

- use evidence-based protocols to set recall and radiograph frequency for post-implant supportive care; and,
- gain practical experience in performing an implant.



**Kathryn Mayo**  
Dental Hygienist



**Jenny Walker**  
Dental Therapist

9.00am–9.15am

Registration and introductions

9.15am–10.45am

Peri-implant and periodontal tissue differences/ classification and assessment, including practical implant assessment and probing technique.

10.45am–11.00am BREAK

11.00am–11.30am

Risk factors – identifying modifiable and non-modifiable risk factors/indicators that need to be considered for long-term peri-implant health. How we, as therapists/hygienists, may help manage these risk factors.

11.30am–1.00pm

Monitoring “The Three Rs” – discussing periodontal preparation pre-implant placement, exploring the evidence base for recall and radiographic frequency in relation to implant supportive care along with robust record keeping.

1.00pm–2.00pm LUNCH

2.00pm–3.45pm

Instrumentation and treatment of peri-implant diseases – discussion surrounding the theory of instrument selection dependent on diagnosis. Looking at the techniques involved when using different instruments on implants theoretically and practically.

3.45pm–4.00pm BREAK

4.00pm–4.45pm

Case-based discussion – presentation of cases with the opportunity to devise and discuss treatment plans in a group setting using the knowledge gained throughout the day.

4.45pm–5.00pm

Questions



### Dr Ronan Allen

Periodontist, Private Practice, Dublin

#### *Bone and soft tissue healing after tooth extraction*

This lecture will include:

- decision making after tooth extraction;
- anatomy of the supracrestal soft tissue attachment;
- timing of implant placement – immediate vs early vs delayed;
- ideal aesthetic implant positioning and how to achieve it;
- clinical procedures used in ridge augmentation; and,
- use of abutments and provisionals to sculpt soft tissue profile.



### Dr Aida Ben Cheikh

Specialist orthodontist, France, part-time Consultant and Lecturer, Paris University Hospital, France. Vice President of the French forensic expert company

#### *Forensic sciences and odontology: when teeth head from evidence to identity*

Learning objectives:

- brief outline of the history of odontology in the forensic sciences field and the importance of identification in society;
- introduce the role of forensic odontology in single case and mass disaster victim identifications (Interpol guidelines);
- describe the identification methods used in forensic odontology and understand the role of the general dentist practitioner;
- emphasise the importance of teeth properties and high resistance in the forensic identification process; and,
- show the current challenges and future in forensic odontology.



### Dr Donal Blackwell

Practice limited to fixed prosthodontics and implant dentistry, Waterford

#### *TRBBs ... playing with both the pontic and the cement!*

Learning objectives:

- identify options for treating patients with resin-bonded fixed partial dentures/bridges (RBBs/Maryland bridges);
- highlight some of the key details of these treatments;
- examine some of the success/survival rates;
- options for the younger patient – transitional resin-bonded bridges (TRBBs); and,
- examine alternative/'off label'/unconventional or interim treatment approaches.



### Prof. Paul Brady

Dean Cork Dental School & University Hospital, Consultant Oral Surgeon

#### *Dental sedation – an Irish perspective*

An update on the Code of Practice regarding Dental Conscious Sedation. Practical skills in relation to monitoring the sedated patient. An introduction to capnography.



### Dr Mairead Browne

General Dental Surgeon and Aesthetic Practitioner,  
Celeste Medical

#### *Botulinum toxin – where are we now? An overview of the evolution of botulinum toxin, and tips and tricks to advance your toxin practice and navigate the latest trends*

This presentation aims to provide an overview and update on current toxins on the market, review recommended injection techniques, and examine the latest trends in botulinum toxin.

#### Learning objectives

1. Overview of current and new toxins on the market and comparison of products.
2. Review injection techniques, and learn some tips and tricks to advance your toxin practice.
3. Gain an insight into the latest trends in botulinum toxin – what are they? Determine patient suitability and how to navigate these trends.
4. Learn the importance of differences in injection patterns to achieve optimal aesthetics for the male and female face.
5. Update on botulinum toxin treatments specific to dental practice.
6. Review the safety profile, common adverse effects and management of these adverse effects.



### Dr Neysan Chah

General Dental Surgeon, Galway

#### *Beyond the routine: enhancing dental care for orofacial pain patients*

Delivering dental care can be challenging when it comes to patients who are grappling with orofacial pain. This lecture looks at some of the more common orofacial pain conditions and offers practical insights and tips for enhancing dental care and elevating comfort in this patient cohort. Additionally, the talk will seek to shine a light on situations and scenarios that warrant strategic collaborative approaches for optimal care delivery.



### Dr Emily Clarke

Practice limited to periodontology and implant dentistry, Limerick

#### *These teeth have perio pockets – what should I do?*

Correct diagnosis, risk factor analysis and assessment of prognosis are essential for successful management and maintenance of the periodontal patient. This lecture will give an evidence-based overview of the management of the periodontal patient.

#### Learning objectives

The clinician should become confident in their decision making in the following situations:

1. Mild/moderate periodontal disease (Stage I/II): what is the treatment plan and what role has the dental team? What are the end points of treatment? How do you decide when treatment hasn't worked and what's next?
2. Severe periodontal disease (Stage III/IV): when to consider surgical treatment or extractions and when to refer.



### Dr Kieran Daly

Specialist orthodontist, Dublin

#### *Orthodontics, orthognathic surgery and the restorative interface*

Overview of contemporary orthodontics and orthognathic surgery including their unique multidisciplinary approach with restorative dentistry, including:

- stable condylar position in orthognathic patients;
- 3D digital orthodontic planning and set-up;
- 3D digital orthognathic surgery simulation and planning;
- restorative replacement of missing teeth in orthognathic patients; and,
- restorative optimisation of dental aesthetics post orthognathic surgery.

#### Learning objectives will include:

- updated knowledge of the contemporary planning and treatment of these complex interdisciplinary cases;
- how to work within this type of interdisciplinary team; and,
- updated knowledge of the patient outcomes and benefits from the use of modern techniques and 3D technology.



### Prof. Carl Driscoll

Professor, University of Maryland School of Dentistry

#### *Just because we can, doesn't mean we should*

This presentation will take a look at many prosthodontic 'dogmas' or 'tenets' that continue to be taught in dental schools without much merit. Many examples of clinical prosthodontics will be shared relevant to the title of this presentation.

#### Objectives:

1. To review long-believed facts that are used commonly used in the treatment of our patients that have no scientific basis.
2. To review treatment modalities that may not improve the patient's treatment outcome.
3. To learn the importance of the multi-disciplinary approach to the treatment of our patients.



### Dr Michael Freedman

Oral Surgeon, Blackrock Clinic

#### *No teeth, no bone, no options? Managing the edentulous maxilla*

With an ageing population, the loss of teeth remains a common problem for our patients. Conventional solutions become less predictable as the number of teeth reduce and their supporting structures are lost. The objectives of this presentation are to identify the options that are available to restore the edentulous maxilla, to discuss the challenge of maxillary atrophy, and to review the treatments that can be employed to overcome these challenges.



### Dr Catherine Gallagher

Lecturer/Specialist in Oral Surgery, Cork University Dental School and Hospital.

#### *Sedation – an update*

A short refresher course for those practising intravenous benzodiazepine conscious sedation for dentistry.

#### Intended learning outcomes:

- safely and appropriately deliver patient care in compliance with the most recent Dental Council Code of Practice regarding Dental Conscious Sedation;
- adopt an evidence-based approach to conscious sedation;
- evaluate the risks and benefits of treatment under conscious sedation, including patient selection criteria;
- describe how to monitor a patient receiving conscious sedation;
- identify, assess and manage complications; and
- implement a team-based approach to patient care.

The course will be:

- delivered over three hours with both didactic and practical components; and,
- presented by Prof. Paul Brady and Dr Catherine Gallagher from Cork University Dental School and Hospital



### Dr Sheila Galvin

Assistant Professor/Consultant in Oral Medicine, Dublin Dental University Hospital, Trinity College Dublin

#### *Oral medicine for GDPs*

This lecture will cover some of the common oral medicine complaints presenting to general dental practice, such as recurrent oral ulceration and benign white patches. More significant causes of recurrent ulceration and white patches requiring urgent onwards referral will also be highlighted.





### Dr Linda Greenwall

Specialist in restorative dentistry and prosthodontics, London

#### *Whitening and white spot eradication with ICON*

This course is designed specifically for dentists who would like to expand their knowledge and develop their skills by providing tooth whitening and resin infiltration for patients. The course is both theory and hands on, in line with GDC Scope of Practice and enhanced CPD, while following the European and UK legislation concerning tooth-whitening products.

Linda shares her wealth of knowledge and experience by explaining the scientific research behind tooth whitening and resin infiltration, and discussing how the three classification categories of tooth-whitening techniques are vital to assist with treatment planning for predictable and successful outcomes. White spot eradication and how to combine this with further minimally invasive aesthetic treatment will also be discussed in detail.

Delegates will have the opportunity to practice applying gel for home whitening treatment, isolation for in-surgery procedures, and techniques for microabrasion and ICON.

#### *The single discoloured tooth: vital and non-vital tooth whitening*



### Dr Kathryn Harley

Specialist Practitioner in Paediatric Dentistry, Visiting Specialist Peninsula Dental School

#### *The restorative treatment of enamel defects in children*

Abnormalities of tooth formation are common. This talk aims to provide participants with the ability to distinguish between hypomineralised and hypoplastic enamel defects, and provide an overview of the different restorative techniques, which are available to treat those affected.

#### **Learning outcomes:**

1. Ensure an understanding of what treatment might be considered/is available to manage children with an enamel defect and when it is appropriate to use.
2. Provide examples of dentitions treated using a range of operative techniques enabling similar restorations to be undertaken in practice.



### Dr Anne Gunderman

Practice limited to prosthodontics, Dublin.

Senior lecturer in the postgraduate prosthodontic programme in Dublin Dental University Hospital

#### *Digital dentistry in the fourth dimension*

Form has always followed function, but the ease and success of digital restoration design does not originate with this concept. Jaw movement is not often readily available to record with our digital systems, and labs and designers would often use static records and bites of 'best fit' to fabricate restorations. As vertical dimension is changed and arches are reorganised, as they are in many prosthodontic fixed cases, knowledge and recording of the patient's movement becomes more important to avoid unwanted stresses on dental materials and human tooth tissue that can contribute to early failure.

#### **Aims and objectives:**

- introduce new technologies that enhance recording of mandibular movement;
- how can occlusion and articulation of digitally designed cases be improved?; and,
- apply these technologies and time-tested occlusal concepts to our patients' treatments.



### Dr Ahmed Kahatab

Specialty registrar in Special Care Dentistry – Guys and East Surrey Hospitals

#### *Oral care for the frail older person*

Ireland's age distribution is shifting, people are retaining their teeth for longer and our dental armamentarium is expanding. This should come with a rethink as to how we care for frail and older people with a view of adapting dentistry to suit their current and future needs.

#### **Learning objectives:**

- identify the common and increasing cognitive, medical and physical disabilities that impact on the oral health and dental care needs of older people;
- distinguish frailty and its multidisciplinary management when caring for older people; and,
- how to manage the changing pattern of dental disease in older people through prevention, restorative and surgical care, with and without sedation and general anaesthesia.



**Dr Mahrukh Khwaja**

Positive Psychologist, dentist and founder of Mind Ninja

*Can positive psychology make you healthier and happier?*

Positive psychology is one of the newest branches of psychology to emerge. Can it help us feel healthier and happier? Learn how to apply the science of well-being to help you thrive in dentistry – from increasing positive emotions, feeling engaged at work and connected to others, to cultivating meaning and setting positive goals.

**Aims and objectives:**

- understanding what positive health is and the evidence-based interventions that boost it;
- identify practical ways to harness the positive benefits of emotions for ourselves;
- increase work engagement through finding flow and using strengths; and,
- apply strategies to cultivate greater meaning for ourselves and others.



**Dr Paul Kielty**

Aesthetic Medical Doctor and Specialist Oral Surgeon, Cork

*Facial aesthetics*

A deep dive into the world of botulinum toxin treatments and how they may be applied to your daily practice as a general dentist. On this full-day agenda we will address the history, pharmacology, and clinical applications of botulinum toxin treatments along with anatomy sessions. We will explore how to correctly assess your patients and close our session with clinical demonstrations on live patients looking at different injection techniques and patterns.

We will also address the business side of aesthetics, outlining our varied career paths into maxillofacial surgery combined with aesthetics, general dentistry combined with aesthetics, and working full-time in aesthetic practice. We will also provide guidance on training to provide these treatments effectively and safely in your own practice.



**Dr Kenneth Malament**

Specialist Prosthodontist, Clinical Professor at Tufts University

*An advanced perspective on lithium disilicate restorations in the age of zirconia*

Dentistry that is aesthetic to the patient is an important clinical objective. The knowledge within dental technology, dental science and dental practice has dramatically expanded, leading to better quality, artistry and more standards-based clinical applications. Ceramics are the most consistently predictable aesthetic dental material. Understanding methods to manage simple and complex restorative issues is critical to improving patient acceptance and even long-term ceramic success. Methods to integrate the efforts of laboratory technologists, and managing occlusion and patient desires, can have a profound impact in the practice of dentistry.

**Learning objectives**

1. To understand what factors and concerns a prosthodontist would have treating patients that require ‘aesthetic procedures’.
2. To understand the controversies that exist with modern dental materials.
3. To understand what clinical factors impact on long-term survival of dental ceramic materials. The e.max lithium disilicate ceramic restoration has been proved, with over 4,500 restorations and 17 years, to be the most successful ceramic ever studied.
4. To understand the restoration of dental implants in complex conditions.



**Dr Francesco Mannocci**

*Restoring root-filled teeth: what is important to improve survival?*

Clinicians often face dilemmas regarding the most appropriate way to restore a tooth following root canal treatment. Factors such as residual tooth volume, tooth location, number of proximal contacts, timing of the definitive restoration, placement of posts, and the presence of cracks, have been reported to influence restoration and tooth survival. This lecture aims to provide some practical guidance on the choice of restoration for endodontically treated teeth based on data collected from recent and historic clinical studies.

*Cone beam CT in endodontics: instructions for use for the general dentist*

Many dentists today have a cone beam CT (CBCT) machine in their practice; however, there are many features of CBCT machines and many aspects of CBCT image interpretation that are not common knowledge. This lecture will go through a series of tips and tricks, which will allow the dentist to take full advantage of CBCT images in the diagnosis of trauma, morphologic anomalies, internal and external resorption, root cracks and fractures, calcified canals and apical periodontitis.



### Dr Radi Masri

Division Chief and Program Director, Advanced Prosthodontics,  
School of Dentistry, University of Maryland Baltimore

#### *Peri-implantitis: what is inside dental implants?*

Peri-implantitis is a common pathology around dental implants, and managing implants with peri-implantitis is difficult. This presentation will discuss factors contributing to peri-implantitis, with a focus on pathogenic bacteria harboured around and within dental implants with peri-implantitis.

#### Learning objectives

1. Understand the current definition of peri-implantitis.
2. Become familiar with different bacteria that may/can contribute to peri-implantitis.
3. Learn how host reaction contributes to the aetiology of peri-implantitis.



### Ms Anne Marie McGarrigle

Registered Radiation Protection Adviser and Medical Physics  
Expert  
Cork Radiation Protection Services Ltd

#### *Radiation protection in dental practice*

The aim of this talk is to provide an overview of the relevant legislation, including recent guidance from the competent authorities for dental practice in Ireland. An outline of the statutory roles and responsibilities set out in SI 30 of 2019 and SI 256 of 2018 is provided. Furthermore, guidance on the practical implementation of radiation protection measures is discussed. Training requirements for staff and specifically the RPO are examined. The presentation concludes by sharing a number of inspection experiences covering preparation, findings, response and achieving compliance.



### Dr Eimear McHugh

Specialist Oral Surgeon in Private Practice and at Mater Private  
Hospital

#### *Dealing with difficult extractions*

Eimear will discuss the difficulties encountered in the management of difficult extractions. The aims and objectives of this presentation are to help clinicians feel competent in judging extraction difficulty and to help recognise common pitfalls. It will consider up-to-date management of the various complications encountered in oral surgery.



### Dr Advan Moorthy

Practice Limited to Prosthodontics, Dublin and Waterford

#### *Shade selection and communication*

Although unimportant to the biological success of an anterior fixed dental restoration, its colour can often be the deciding factor in the overall acceptance of the restoration by the patient. This presentation aims to discuss effective shade selection and laboratory communication to allow for the construction of predictable colour matching restorations.

#### Learning objectives:

- to understand basic colour theory and how it applies to shade selection;
- to describe both conventional and contemporary shade selection techniques;
- to describe how to effectively communicate colour and appearance to the dental laboratory; and,
- case discussions where the application of conventional and contemporary shade selection techniques have been employed.



**Dr Dylan Murray**

Craniofacial and Plastic Surgeon, Mater Hospital Dublin and Children's Health Ireland Crumlin

*Orthodontics, orthognathic surgery and the restorative interface*

Overview of contemporary orthodontics and orthognathic surgery, including their unique multidisciplinary approach with restorative dentistry, including:

- stable condylar position in orthognathic patients;
- 3D digital orthodontic planning and set-up;
- 3D digital orthognathic surgery simulation and planning;
- restorative replacement of missing teeth in orthognathic patients; and,
- restorative optimisation of dental aesthetics post orthognathic surgery.

**Learning objectives will include:**

- updated knowledge of the contemporary planning and treatment of these complex interdisciplinary cases;
- how to work within this type of interdisciplinary team; and,
- updated knowledge of the patient outcomes and benefits from the use of modern techniques and 3D technology.



**Prof. Brian O'Connell**

Professor of Restorative Dentistry and Director of Postgraduate Prosthodontics at Dublin Dental University Hospital

*Lip service – can we provide oral healthcare for an ageing population?*

The world population is ageing rapidly and maintaining natural teeth for longer than ever before. At the same time our expectation to have an aesthetic and functional dentition may be challenged by chronic diseases and lack of access to care. This presents unprecedented dilemmas to dentists in caring for older patients. This presentation will highlight the demographic changes underway in our population, and the practical approaches that dental professionals may need to consider in delivering care.



**Dr Susan O'Connell**

Specialist orthodontist

*Maintaining control in aligner orthodontics*

Aligners are now common practice in the correction of dental malocclusions. This lecture aims to summarise the basics to consider when treating patients with aligners, as well as demonstrating the results that can be achieved.

**Objectives:**

- to simplify the biomechanics associated with aligner treatment;
- to highlight how we maintain control when using aligners;
- to demonstrate the results achievable with clear aligners; and,
- combining aligners with other treatment modalities to simplify treatment.



**Dr Dipesh Parmar**

General Dental Surgeon, special interest in aesthetic dentistry

*Mini smile makeover – one-day hands-on anterior composite masterclass*

Minimally invasive aesthetic dentistry should not compromise the remaining dentition any more than is absolutely necessary to secure pleasing form, colour and alignment, while providing long-term stability and function.

Dipesh will guide delegates from basic principles of mini smile design all the way to predictable clinical strategies for the most common situations, and marketing and fee setting. The course combines close over-the-shoulder mentoring on several hands-on exercises with looped video playback of each step to ensure that each delegate stays on track.

This course is designed to take dentists of all skill levels to the next level, beginning with a simple anatomy and polishing exercise, and culminating in the full restoration of a peg-shaped lateral.





**Dr Bob Philpott**

Practice Limited to Endodontics, Cork

*Going through the 'correct' motions: endo from start to finish*

There's no question that root canal treatment can be complex. Complex access, complex canals, complex restorations. Often, when stress levels rise, we lose sight of the principles to follow and this results in further stress and less than ideal outcomes. This full-day hands-on course will focus on the processes to follow to get the best results during root canal treatment. Using simulated teeth, we will practice hand and rotary instrumentation techniques, troubleshoot and overcome lifelike problems, and obturate and restore our preparations.

The emphasis will be on hands-on techniques and understanding the main processes that, if followed, will ensure success in your daily work.



**Dr Sarah Kate Quinlivan**

Medical aesthetics and founder SK/N D6

*Facial aesthetics*

A deep dive into the world of botulinum toxin treatments and how they may be applied to your daily practice as a general dentist. On this full-day agenda we will address the history, pharmacology, and clinical applications of botulinum toxin treatments along with anatomy sessions. We will explore how to correctly assess your patients and close our session with clinical demonstrations on live patients looking at different injection techniques and patterns.

We will also address the business side of aesthetics, outlining our varied career paths into maxillofacial surgery combined with aesthetics, general dentistry combined with aesthetics, and working full-time in aesthetic practice. We will also provide guidance on training to provide these treatments effectively and safely in your own practice.



**Dr Ariel Raigrodski**

Affiliate Professor, Dept. of Restorative Dentistry, University of Washington

*The evolution of zirconia from a framework to a monolithic restorative material – an evidence-based clinical perspective*

This presentation will briefly review the evolution of zirconia as a restorative material and provide an update on newer translucent and polychromatic zirconia for monolithic restorations. It will also provide an update on concepts of restoration design (monolithic, bilayered, and hybrid (partial monolithic)) for such restorations, and discuss how appropriate selection of different types of zirconia and restoration design may foster successful treatment outcomes for natural dentition as well as implant-supported restorations.

The learning objectives of this presentation are:

- understand the unique properties of traditional and newer translucent zirconia;
- understand and apply different design concepts (monolithic, bilayered, and hybrid) for zirconia-based restorations while addressing their advantages and limitations for different clinical scenarios; and,
- understanding how the advent of CAD/CAM technology supports the fabrication of zirconia-based restorations for both natural dentition and implant-supported restorations.



**Dr Seamus Sharkey**

Practice limited to prosthodontics, Cork

*How current restorative materials influence our tooth preparation in fixed prosthodontics*

We will aim to discover whether recent advances in dental materials have affected the fundamental elements of tooth preparation in fixed prosthodontics. We will look back to how these classic factors were developed and look forwards using materials that may require little or no preparation. The lecture will aim to be an open and interactive presentation in which questions will be answered, with the emphasis on clinically relevant information for the practitioner.

Learning objectives:

- understand the core principles of preparation design;
- understand how restorative materials affect these designs; and,
- what changes have modern materials allowed us to make to our preparation and treatment planning and what principles can we apply clinically?



**Dr Simon Shawe**

Technical Director, DMI

#### *Maintaining and looking after your dental equipment*

This presentation will cover the main areas of maintaining equipment in a dental practice for practice managers/dental nurses.

The presentation will include:

- suction and compressor care – five things to remember;
- dental chair water lines – checks and maintenance;
- how to add amalgam separation to my chair – easier than you think!; and,
- handpiece care and maintenance – make them last longer!



**Dr Monik Vasant**

GDP, Fresh Dental Clinic and Institute

#### *Composite artistry*

Dr Vasant will give you an overview into the endless possibilities of modern-day composites in anterior situations.

Aims:

- to understand the endless possibilities of modern-day anterior composites;
- to introduce the thought process and factors involved in planning composite cases;
- to discuss specific clinical scenarios; and,
- to discuss clinical tips and tricks.

---

## An Evening in Killarney Brewing & Distilling Company

### Thursday, April 25



Travel by coach to this state-of-the-art new development for Co. Kerry, Killarney Brewing & Distilling Company (10 minutes outside town). Guests will enjoy the beautiful surroundings of this purpose-built establishment where local beers are brewed and whiskey and gin distilled beneath the majestic MacGillycuddy's Reeks.



Get a glimpse into the true heart of the brewing and distilling experience here in Kerry. Guests will be treated to a tasting of gin or whiskey, followed by buffet dinner with wine, and Irish music and dance.

All are welcome to attend. Tickets (must be booked in advance): €60 per person.

# Registration

All delegates must register online for the conference.

IDA MEMBERS can register by first logging on to the members' section of the website, and then choosing BOOK CPD from the menu bar.

NON-IDA MEMBERS/TEAM MEMBERS can register by going to [www.dentist.ie](http://www.dentist.ie), clicking BOOK CPD on the menu bar, and entering your email and password.

AAFP MEMBERS OR INTERNATIONAL DELEGATES can register by firstly registering on the IDA portal. Please click [here](#) for instructions on how to do this.

If you are having any difficulties, please email [aoife@irishdentalassoc.ie](mailto:aoife@irishdentalassoc.ie)

## PRE-CONFERENCE/HANDS-ON COURSES

|  |   |                          | MEMBER | NON-MEMBER |
|--|---|--------------------------|--------|------------|
| Endodontics  | Dr Bob Philpott   | Full day                 | €550   | €1,100     |
| Mini smile makeover  | Dr Dipesh Parmar  | Full day                 | €600   | €1,200     |
| Facial aesthetics  | Drs Mairead Browne,<br>Paul Kieley and Sarah Kate Quinlivan | Full day                 | €550   | €1,100     |
| Prep design in fixed prosthodontics  | Dr Seamus Sharkey   | Full day                 | €550   | €1,100     |
| Sedation – an update   | Prof. Paul Brady<br>and Dr Catherine Gallagher              | Half day                 | €295   | €590       |
| Whitening and white spot eradication with ICON   | Dr Linda Greenwall  | Two-hour workshop        | €250   | €500       |
| Dental Hygienists – Comprehensive implant<br>supportive management for dental hygienists | Kathryn Mayo and<br>Jenny Walker                            | Full day hands-on course | €215   |            |

## MAIN CONFERENCE

|                                      | MEMBER                               | NON-MEMBER |
|--------------------------------------|--------------------------------------|------------|
| Full Conference, Friday and Saturday | €400                                 | €800       |
| One day of Conference                | €300                                 | €600       |
| Undergrad student                    | FOC                                  |            |
| Postgrad student                     | €200                                 | €400       |
| Dental team member                   | €160 covers both Friday and Saturday |            |

## SOCIAL PROGRAMME

|   |                |                  |
|---|----------------|------------------|
| Annual Dinner, Friday evening               | €95 per person |                  |
| Killarney Brewing Company, Thursday evening | €60 per person |                  |
| <b>Golf</b>                                 | <b>Irish</b>   | <b>Non-Irish</b> |
| Mahony's Point, Wednesday                   | €60            | €100             |
| Killeen Golf Club, Thursday                 | €75            | €150             |

The above prices are valid until March 8, after which time prices will increase by €50.

## INTERNATIONAL VISITORS

If you are an international dentist and you are member of your home country's dental association, we will offer you the IDA membership rates to attend the Conference.





## Accommodation in Killarney

Please contact your hotel of choice directly.  
The IDA will not be taking bookings for accommodation for delegates.

### Great Southern Hotel, Killarney

Bookings will open in early 2024 – IDA will advise of actual date

[www.greatsouthernkillarney.com](http://www.greatsouthernkillarney.com)

€185 per single occupancy

€195 per double occupancy

+353 64 6638004 or email [reservations@greatsouthernkillarney.com](mailto:reservations@greatsouthernkillarney.com)

### Killarney Royal Hotel (sister hotel to the Great Southern)

€185 per single occupancy

€195 per double occupancy

Tel +353 64 6631853 or email [reservations@greatsouthernkillarney.com](mailto:reservations@greatsouthernkillarney.com) and specify it's the Killarney Royal you want to book



### Killarney Park Hotel

[www.killarneyparkhotel.ie](http://www.killarneyparkhotel.ie) (next door to conference hotel)

Wednesday April 24 & Thursday April 25: €370 per room per night

Friday April 26 & Saturday April 27 €390: per room per night

### Killarney Plaza Hotel

Rates will fluctuate depending on demand (at time of print €237 per night).

Click on link to book or call +353 64 6621100

<https://www.killarneyplaza.com/bookings.html#!/accommodation/search/date/2024-04-24/2024-04-25?lang=en&code=RSHDNTLS>

