

ONLINE EVENT:  
An IRMER update in dental radiography and  
radiation protection

July 2022

Programme

**Lecture 1:** An update on the regulations IRR and IR(ME)R 2017 (60 mins)

- Changes in the new legislation
- The important points for dentists

**Lecture 2:** Physics and dose limitation (50 mins)

- Nature of ionising radiation
- Interaction with tissues
- Risks associated with radiation
- Dosimetry and dose limits

**Lecture 3:** Selection criteria and quality assurance (60 mins)

**Lecture 4:** Interpretation and CBCT (80 mins)

- Interpretation principles and pit falls
- The benefits and use of CBCT

**Lecture 5:** Q&A session of previously asked questions (40 mins)

**Post lecture CPD quiz** (10 mins)

The quizzes will automatically launch at the end of each session

**Attendees must view in full all five lecture sessions and complete all post-lecture CPD quizzes/surveys by  
midnight on Sunday 31 July 2022**

# Aims

To ensure you are complying with obligations under current legislation and enhance awareness of good working practice.

## Learning objectives

- Understand the principles of radiation physics
- Be aware of the risks of ionising radiation
- Understand the radiation doses in dental radiography and the factors affecting them
- Recognise the principles of radiation protection
- Be up to date on the statutory requirements, selection criteria and quality assurance
- Understand the various imaging modalities available including digital imaging and 3D (CBCT)
- Understand the principles of radiographic interpretation and problems which may occur.

## Learning content

A lecture-based online course with the opportunity to ask questions. A series of five sessions delivered by one speaker who incorporated the principles of justification, optimisation and limitation in his talks.

## About the speaker



**Paul Nixon**

*Consultant in Dental Radiology, Liverpool University Dental Hospital*

Paul is Consultant in Maxillofacial Radiology at Liverpool Dental Hospital and the Royal Liverpool University Hospital, and is an Honorary Lecturer at the University of Liverpool. He has many years of experience in lecturing on different aspects of Dental Radiology and is the author of several publications in this area.

## Accreditation

Development  
outcome



This course provides **5 hours of enhanced CPD**

In order to qualify for a CPD certificate **attendees must view in full all FIVE lecture sessions and complete all post-lecture CPD quizzes/surveys by Sunday 31 July 2022** (as detailed above) and complete the engagement surveys after the sessions to indicate a satisfactory level of understanding has been achieved.

CPD certificates will be issued the week of Monday 15 August 2022 once attendance has been validated and survey responses reviewed.