

**Justification, Optimisation and limitation – an IR(ME)R course
on dental radiography and radiation protection
(SW12-09-28-1)**

28th September 2012

**Education Centre
Salisbury District Hospital**

Course Organiser:
Dr Mike Attenborough

Course Lecturer:
Mr Eric Whaites

Programme

09.00 - 09.15 Registration and coffee

09.15 - 09.20 Introduction and welcome

09.20 - 10.30 **Lecture 1** *Justification* – Statutory requirements -the ionising radiation regulations (IRR99 and IR(ME)R2000), latest guidelines, current good practice and the principles of radiation protection

10.30 – 10.55 *Refreshments*

10.55 - 12.15 **Lecture 2** *Limitation* – Principles of radiation physics, nature of ionising radiation, interactions with tissues, risks of ionising radiation, radiation doses in dental radiography, factors affecting dose and dose reduction

12.15 - 12.45 Discussion

12.45 - 13.35 *Lunch*

13.35 - 14.45 **Lecture 3** *Optimisation* - Selection Criteria and Quality Assurance in dental radiography – factors affecting diagnostic yield and patient benefit

14.45 - 15.10 Tea

15.10 - 16.20 **Lecture 4** *Optimisation* – Conventional imaging techniques and Interpretation – factors affecting diagnostic yield and patient benefit and new imaging techniques including CBCT

16.20 - 16.50 End of course test and discussion

17.00 Close and issue of Certificates

6 hours 'core' CPD