

Harshaw TLD Medical Dosimetry Training Day



Held at
Phoenix Dosimetry Ltd
Sandhurst, Berkshire
May 16th, 2022

Registration Fee for the training is: £290.00 per person and includes:

- 1-day Harshaw TLD Medical Dosimetry Training
- Complete Training Program Course Material in binder format
- Hands on experience with Readers at Phoenix Dosimetry Ltd
- Lunch, mid-morning & afternoon refreshments

Local Hotels are available—please let us know if we can help?

Also, for those travelling by train we should be able to give lifts to and from Farnborough, Blackwater or Sandhurst stations

Please register with:

Tracey: tracey.rippon@phoenix-dosimetry.co.uk who will confirm your registration and any additional details.

In Partnership with:



Space is Limited

Course Outline

- 9:00am Coffee, Welcome & Introductions
9:15am Thermoluminescence: Concepts and background
9:45am Properties of LiF:MgTi / LiF:Mg,Cu,P which best suits your needs for Radiotherapy and diagnostic dosimetry

10:15am Break

- 10:30am Model 5500 & 3500 TLD Readers Overview, Operation & Safety
10.50am WinREMS Operational Software Overview and Capabilities
11.20am Oven Annealing process: TLD-3 Oven
11:30am Hands on sessions with Model 5500 & 4500 Readers

12:15pm Lunch on site

- 1:00pm Calibrating the System: WinREMS capability versus CSV export to spreadsheets for customized calibrations and data presentation
1:30pm General System Calibration methodology (Individual calibration factors, Batch Calibration factors, Reader Calibration..)

2:00pm Break

- 2:15pm Glow Curve Review & Analysis of data
2.45pm TLD System QA/QC
3.10 pm Basic care and first line maintenance of TLD Readers

3.45 pm Finish

About the Instructor

Joe Rotunda is a leading expert in the field of dosimetry with more than 30 years of global experience. He is an active member on ANSI, & IEC working groups for Standards development relating to Dosimetry and Radiation Protection. Prior to forming Rotunda Scientific Technologies in 2012 he worked at Harshaw / Thermo Fisher Scientific developing, directly or indirectly, the dosimetry products that are part of this course.

