

# Harshaw TLD Medical Dosimetry Training Day



Held at  
**Novotel Reading Centre Hotel**  
Reading, England  
**Thursday, 27th March 2025**

Registration Fee for the training is: £350.00 per person and includes:

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

### Please register with:

Tracey: [tracey.rippon@phoenix-dosimetry.co.uk](mailto: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.

