



## **Programme:**

**Monday 7 October 2024**

### **Registration and Refreshments**

#### **Welcome and Introduction to the Royal Osteoporosis Society**

Dr Karen Knapp, Professor in MSK Imaging, University of Exeter

#### **Clinical Presentation and Epidemiology of Osteoporosis**

Dr Tehseen Ahmed, Consultant Rheumatologist, Royal National Hospital for Rheumatic Diseases

#### **Questions**

#### **Patient Experience**

#### **Physical Principles of X-Ray Densitometry**

Dr Jacqueline Shipley, Clinical Scientist, Royal National Hospital for Rheumatic Diseases Bath, Fellow of the Institute of Physics and Engineering in Medicine.

#### **Questions**

#### **Workshop**

##### **1) Radiation Protection:**

Dr Amelia Moore, Research Fellow in Osteoporosis, King's College London & Guy's and St Thomas' NHS Foundation Trust, London

Dr Jacqueline Shipley, Clinical Scientist, Royal National Hospital for Rheumatic Diseases Bath, Fellow of the Institute of Physics and Engineering in Medicine.

Sarah Taverner, Densitometry Technician, Sheffield Teaching Hospitals NHS Foundation Trust

### **Lunch**

#### **Practical DXA Techniques**

Jill Griffin, Radiographer and Head of Clinical Engagement, Royal Osteoporosis Society.

#### **Workshops**

##### **2) Statistics for Bone Densitometry:**

Dr Nicola Crabtree, Principal Clinical Scientist in Bone Densitometry, Birmingham Children's Hospital

#### **Refreshment Break**

#### **Technical Interpretation of Bone Densitometry Results**

Dr Karen Knapp, Professor in MSK Imaging, University of Exeter

#### **Clinical Interpretation and Reporting of Bone Densitometry Results**

Dr Karen Knapp, Professor in MSK Imaging, University of Exeter

#### **Questions for both sessions**

#### **Prevention and Treatment**

Dr Claire Higham, Consultant Endocrinologist, The Christie Hospital Trust

#### **Questions**

#### **Portfolio Logistics - OneFile**

**Portfolio Examiner Q&A** (guideline for portfolio to be shared beforehand).

#### **Approx Finish 17:30**



## **Programme:**

**Tuesday 8 October 2024**

### **Refreshments**

#### **Quality Control of DXA Scanners & Bone Densitometry Service**

Dr Jacqueline Shipley, Clinical Scientist, Royal National Hospital for Rheumatic Diseases Bath, Fellow of the Institute of Physics and Engineering in Medicine.

#### **Clinical Quality & Governance**

Dr Amelia Moore, Research Fellow in Osteoporosis, King's College London & Guy's and St Thomas' NHS Foundation Trust, London

### **Questions**

#### **Vertebral Fracture in DXA**

Jill Griffin, Radiographer and Head of Clinical Engagement, Royal Osteoporosis Society.

### **Questions**

### **Refreshment Break**

#### **DXA in Children and Young People**

Dr Nicola Crabtree, Principal Clinical Scientist in Bone Densitometry, Birmingham Children's Hospital

#### **Extended DXA and Other Densitometric Techniques**

Dr Karen Knapp, Professor in MSK Imaging, University of Exeter

### **Questions**

### **Lunch**

#### **1) Understanding the Scan Output**

Sarah Taverner, Densitometry Technician, Sheffield Teaching Hospitals NHS Foundation Trust  
Jill Griffin, Radiographer and Head of Clinical Engagement, Royal Osteoporosis Society.  
Dr Karen Knapp, Professor in MSK Imaging, University of Exeter

#### **2) Clinical Case Studies**

Dr Nicola Crabtree, Principal Clinical Scientist in Bone Densitometry, Birmingham Children's Hospital  
Dr Claire Higham, Consultant Endocrinologist, The Christie Hospital Trust

### **Refreshment Break**

### **Workshops**

#### **Understanding how to get the best results from your DXA Machine**

1) **Hologic**

2) **GE Lunar**

**Approx Finish 16:30**