



# PRIMERAD

# SPINE MRI FELLOWSHIP SPRING-SUMMER BATCH

LAUNCHING ON:  
**1<sup>ST</sup> JULY, 2025**



THE CPD STANDARDS OFFICE

CPD PROVIDER: 50641

2024-2026

[www.cpdstandards.com](http://www.cpdstandards.com)



**60** Hours Of Learning

**50+** Cases

**14+** Spine Subjects

**10+** Global Faculty

Mail us on: [contact@primeradacademy.com](mailto:contact@primeradacademy.com)

# LETTER FROM THE DIRECTOR

Dear Fellows,

Building on the success of the first batch of PrimeRad Spine MRI Fellowship, we are excited to announce the launch of the Spring-Summer Batch. This will be a comprehensive and interactive online training experience designed to elevate your expertise in Spine MRI. This online fellowship offers a unique opportunity to enhance your skills in accurately and confidently reporting Spinal MRI without the need to take time off from your clinical duties.

The 3-month program combines real-life cases with expert-led instruction from 10+ global leaders in the field, providing an unparalleled learning experience. You will have access to an expert imaging emulator to tackle more than 50 cases, compare your findings with expert faculty reports, and deepen your understanding of over 14 spine-related subjects.

This fellowship is not just about technical mastery—it's about improving understanding of pathologies, their management, and clearing any doubts. With 60 hours of intense training, extensive case studies, and continued mentorship even after the program ends, the PrimeRad is dedicated to ensuring your ongoing professional development.



## Prof. (Dr.) Harun Gupta

Consultant Musculoskeletal Radiologist,  
Leeds Teaching Hospitals, Leeds, UK

**COURSE DIRECTOR,  
PrimeRad Spine MRI Fellowship**

Member ISS and Refresher Program Promotion Committee and Social Media Committee

Member of Ultrasound, Intervention and Tumor Subcommittee of BSSR

Elected Member of Council, BSSR

Associate Editor, MSK Section, Clinical Radiology Journal, Publication of RCR UK

International Advisory Member, MSK Society of India

Advisory Editor, Journal of MSK Society of India

# WHAT YOU WILL LEARN

Functional anatomy of the spine and clinically relevant MRI anatomy

Metabolic diseases of the spine

Traumatic spinal injuries - Mobile spine and Rigid spine

Central canal pathologies

Spinal infection and sequelae

Postoperative spine imaging

Inflammatory spinal disease including SpA and SAPHO/CRMO

Scoliosis

Marrow disorders

Clinicians' perspectives

Degenerative spinal disease - Disc

# PRIMERAD SPINE FEATURES



## GLOBAL FACULTY



The program features some of the best minds in the SPINE imaging space from across the globe.

## VIDEOS OF SOLVED CASES



Learn from recorded videos featuring faculty members explaining their process of diagnosing cases in the DICOM player and preparing reports.

## EXPERT IMAGING EMULATOR



Solving cases using the DICOM-based online player, ensuring precision in reporting. After submission, access faculty generated findings for self-comparison.

## QUERY CLEARING SESSION



Live sessions to address queries and provide real-time learning, with faculty fostering knowledge and connections.

## CASE READING SESSION



Present a DICOM case by explaining your observations to the faculty, thereby allowing immediate feedback and corrections, which significantly improves the accuracy and precision of your reporting skills.

## PROGRAM BUDDY



A dedicated support person will track your performance and remind you of upcoming sessions.



# PROGRAM FACULTY



**DR. CHAITALI PAREKH**

Pulse Diagnostic Centers,  
JUIC (Joint Ultrasound &  
Intervention Clinic),  
Mumbai



**DR. GRAEME THOMPSON**

Oxford University Hospitals,  
UK



**PROF (DR) HARUN GUPTA**

Consultant Musculoskeletal  
Radiologist, Leeds Teaching  
Hospitals, UK



**DR. HEMANT SONWALKAR**

Consultant Diagnostic and  
Intervention Radiology, Lancashire  
Teaching Hospital, UK



**DR. JAKE TIMOTHY**

Consultant Spinal  
Neurosurgeon



**DR. JATINDER PAL SINGH**

Medanta, India



**DR. KULVEER MANKIA**

Associate Professor and Consultant  
Rheumatologist, University of Leeds and  
Leeds Teaching Hospitals, UK



**DR. RAJ CHARI**

Oxford University Hospitals, UK



**DR. SIDDHARTH THAKER**

University Hospital of Leicester,  
NHS Trust, UK



**DR. SURABHI CHOUDHARY**

Queen Elizabeth Hospital,  
UK



**DR. VARAPRASAD N. VEMURI**

Swarna Scans, India

## PROGRAM TRACKS

### TRACK 1

#### FUNDAMENTAL TRAINING – VIDEO BASED

- ✦ **Total learning hours: 12 hrs**
- ✦ Recorded lectures
- ✦ Self-evaluation test
- ✦ Study material is given on Hub
- ✦ Faculty engagements on Forums



### TRACK 2

#### DICOM BASED CASE STUDY SOLVING

- ✦ **Total learning Hours: 40 hrs**
- ✦ 50+ Case Study Curriculum
- ✦ Online DICOM player for solving case studies
- ✦ Comparison with the faculty generated findings
- ✦ Recorded video of the faculty solving the case study



### TRACK 3

#### LIVE CLASSES

- ✦ **Total learning Hours: 6 hrs**
- ✦ Live Interaction with the Faculty
- ✦ Solving cases
- ✦ Online evaluation



# FELLOWSHIP CURRICULUM

## ★ SPINAL SEGMENTS, ANATOMY AND BIOMECHANICS

- Understanding the Spinal Segment
- Biomechanics of the Normal and Degenerated Spine
- Basic MRI Sequences
- Relevant MRI Anatomy
- Variants Including Lumbosacral Transition

## ★ TRAUMATIC SPINAL INJURIES - MOBILE SPINE

- AO Classification
- Understanding Imaging Appearances
- Mechanism of Injuries
- Critical Imaging Findings on CT and MRI
- How to Read and Report

## ★ TRAUMATIC SPINAL INJURIES - RIGID SPINE

- Aetiologies of the Fused Spine
- Imaging Appearances of the Fused Spine
- Mechanism of Trauma
- Injury Patterns

## ★ DEGENERATIVE SPINAL DISEASE - DISC PATHOLOGIES

- Normal Disc
- Degenerated Discs and Endplates, Their Appearances and Nomenclature

## ★ DEGENERATIVE SPINAL DISEASE - FACET PATHOLOGIES

- Normal Facets
- Degenerated Facets and Complications Including Spondylolisthesis, Facet Cysts and Interventions

# FELLOWSHIP CURRICULUM

## ★ SPINAL INFECTION AND SEQUELAE

- Concepts of Spinal Infection, Acute and Chronic Vertebral Infection
- Imaging Appearances of Spinal Osteomyelitis
- Vertebral and Epidural Abscess
- Arachnoiditis
- Tuberculous Spondylodiscitis and Sequelae

## ★ INFLAMMATORY SPINAL DISEASE INCLUDING SPA AND SAPHO/CRMO

- MRI Sequences for Spondyloarthritis
- Inflammatory and Structural Lesions
- Differential Diagnoses
- SAPHO and CRMO

## ★ MARROW DISORDERS

- Normal Marrow
- Marrow Reconversion
- Non-neoplastic Marrow Lesions Including Hemangioma, Red Marrow Islands
- Neoplastic --Metastasis, Myeloma, etc

## ★ METABOLIC DISEASES OF THE SPINE

- Osteoporosis
- Benign Vs Malignant Fractures
- Paget's Disease
- Non-Neoplastic Lesions

## ★ CENTRAL CANAL PATHOLOGIES

- Extradural Pathologies - Includes Epidural Pathologies Including-Lipomatosis, Arachnoid Web/Cyst, Cord Herniation, AVM
- Intradural Pathologies - Includes AVM, Common Tumours MSK Radiologists Come Across, Excludes Demyelination



# FELLOWSHIP CURRICULUM

## ★ POSTOPERATIVE SPINE IMAGING - I

- Normal Postoperative Appearance
- Early Complications Including Infection, Recurrent/Residual Disc Herniations, Epidural Haematoma, Seroma, Pseudo Meningocele, Metal Work-Related Complications

## ★ POSTOPERATIVE SPINE IMAGING - II

- Late Complications - Metal Work Displacement, Loosening, Adjacent Segment Degeneration etc

## ★ SCOLIOSIS

- Mechanics of Scoliotic Spine
- Concepts of Spinal Surgery in Scoliotic Spine
- Congenital Anomalies (Defects of Formation/Segmentation) Spinal Dysraphism

## ★ CLINICIAN'S PERSPECTIVE

- Spinal Inflammatory Pathologies
- Spinal Surgeries

## 01 TRACK

01<sup>st</sup> July 2025 -  
31<sup>st</sup> July 2025

01<sup>st</sup> August 2025 -  
30<sup>th</sup> September 2025

## 02 TRACK

## 03 TRACK

1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> Week of  
August 2025 (TBA)

1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> Week of  
September 2025 (TBA)

# WHAT OUR ALUMNI SAYS



## Dr. Dan Arhire Romania

I am a radiology resident in the 4th year of study in Romania. One can hardly find MSK mentorship in hospital during residency, so the PrimeRad fellowship was a great opportunity to learn many interesting things. It was a life-changing experience, with a lot of informations to cover, watching so much content. Prof. Gupta deed an incredible job answering all the questions, bringing many speakers and covering a broad list of topics. I feel more confident, at least I am aware of search patterns, main pathology findings. All in all, I am very thankful! I hope to engage in future also in another courses of the PrimeRad Academy!



## Dr. Georgescu Daniela Romania

It has been a great learning experience so far, and I truly appreciate the structured approach and insightful sessions. I am Dr. Georgescu Daniela, a radiologist from Romania, and I am grateful to be part of this program. The fellowship has provided valuable knowledge and exposure, enhancing my expertise in radiology. I look forward to deepening my understanding, particularly in the field of musculoskeletal tumors, and continuing to learn from the excellent faculty and resources available. I am especially interested in expanding my knowledge of musculoskeletal tumors and their imaging, as this is an area I am passionate about and eager to explore further.



## Dr. Ram Shenoy India

Hi, the PrimeRad Fellowships are very useful.

I am currently doing Spine.

All the talks are so wonderful. Have to listen again and again.

The MSK course also was too good.



# WHAT OUR ALUMNI SAYS

## Dr. Vlad Alex Romania

I think the MSK and SPINE MRI Fellowships are very useful resources for intermediate imagers.

The most beneficial aspects are definitely the Track 2 cases and Track 3 live sessions for the hands on, practical experience they offer.

I think this approach leads to fast and lasting learning.



## Dr. Ajit Mahale India

Spine fellowship is an excellent learning experience. Thank you to all faculty for the wonderful lectures. I request for access to videos after completion of course to enable revision of topics covered.



## Dr. Abhijeet Ghaytidak India

Fellowship program was excellent.

Each and every lecture has been invaluable in providing me with the MSK knowledge and reporting skills. Unique approach to every joint / area was particularly beneficial. Special thanks Dr Nafisa batta mam. One of the best teachers I have come across.







**TO GET MORE  
INFORMATION**

**CLICK**

**HERE**

Mail us on:  
[contact@primeradacademy.com](mailto:contact@primeradacademy.com)

