MUSCULOSKELETAL SOCIETY
The Association of Indian Musculoskeletal Radiologists

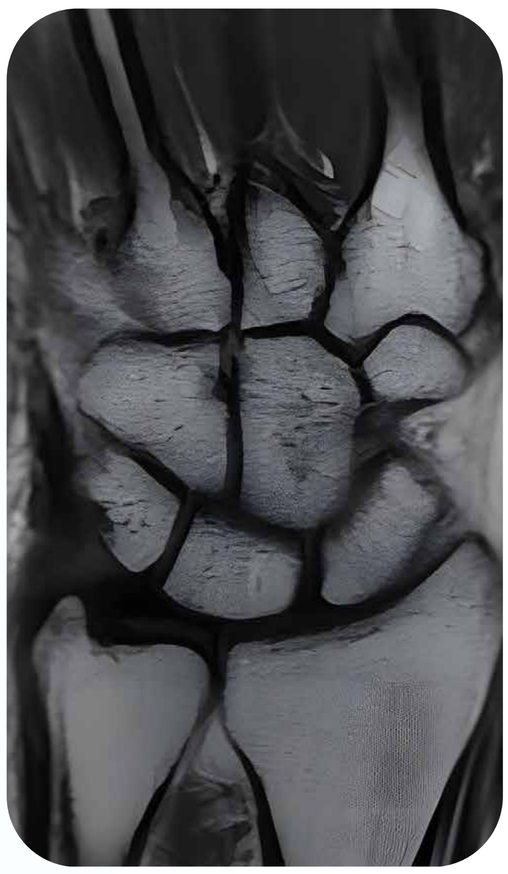
Advanced Certification and MSS India Hybrid Fellowship in MSK Imaging

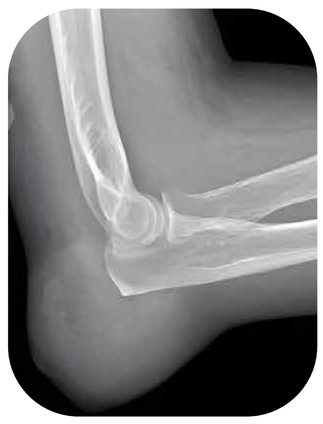
Empowering care everywhere with MSK Imaging & Intervention

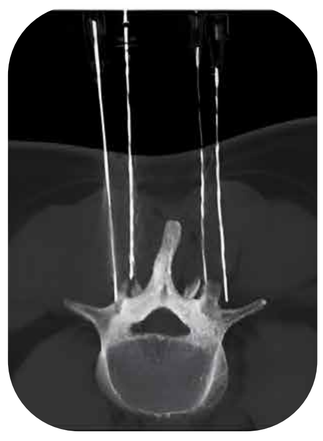
9 Months Hybrid Fellowship (Online & Onsite)
Starting **19th April, 2026**

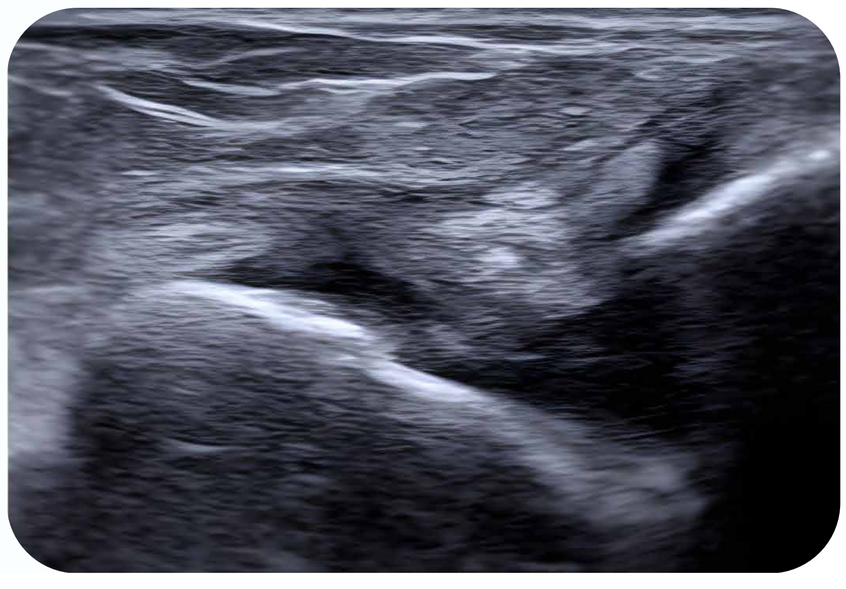
Highlights Of The Fellowship

- 6-month online teaching
- 12 structured modules
- Session recordings available
- Module-wise self-assessment
- Onsite hands-on training
- 65+ expert faculty: 25+ international & 40+ national leaders
- Optional exit examination and Cadaveric Intervention Workshops
- 1 sponsored free seat each for a candidate from Northeast India & Leh-Ladakh









WHO SHOULD ENROLL

01
Post MD/DNB/DMRD Radiology Senior residents

02
Practicing Consultant Radiologists

03
Early career Radiologist in Academic Institutions

For more queries:

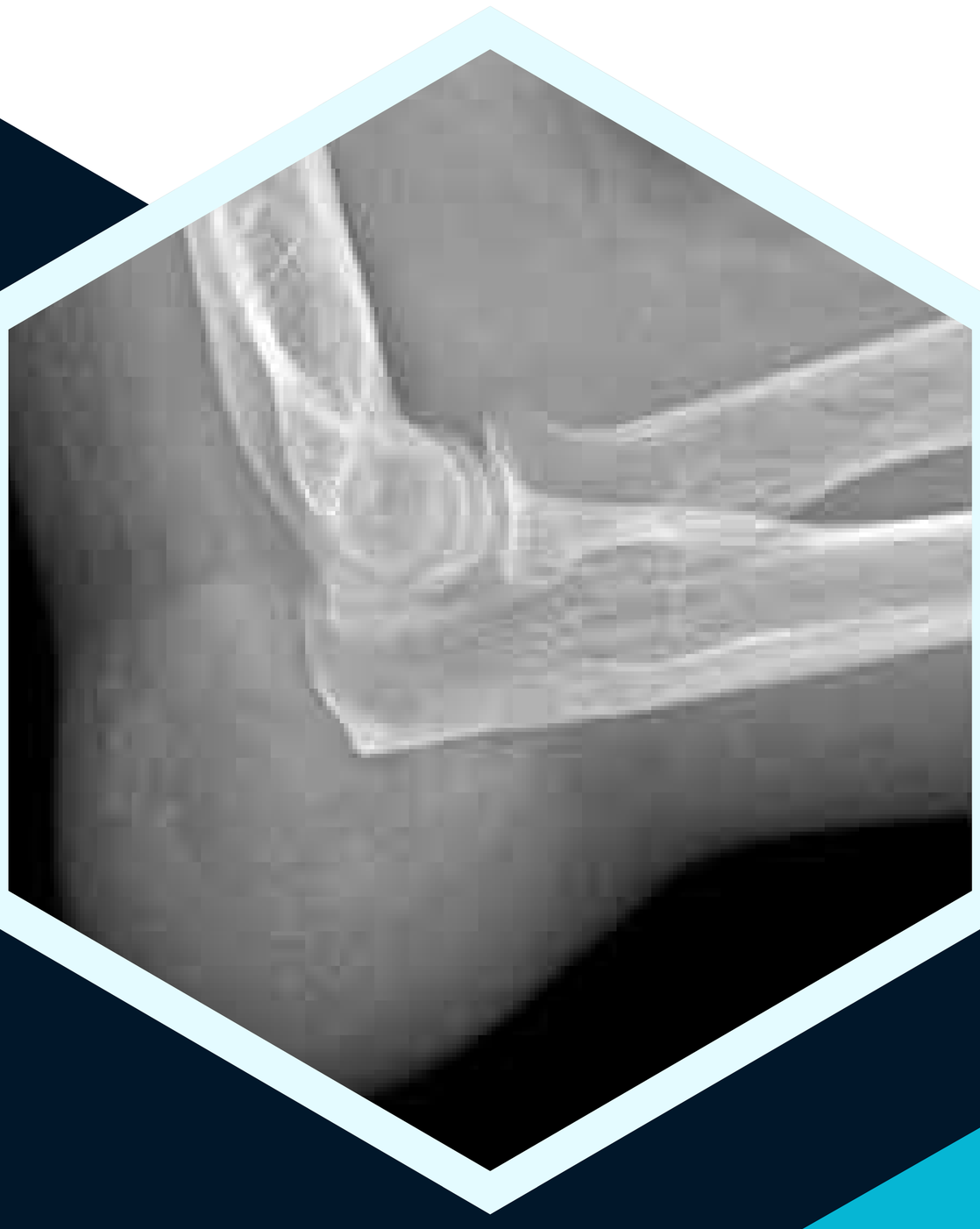
About The Fellowship

The **Advanced Certification and MSS India Hybrid Fellowship in MSK Imaging** is designed to help radiologists develop advanced expertise in musculoskeletal imaging through structured, clinically focused training.

The program includes **26 weeks of expert-led online sessions** covering key topics such as radiological anatomy, sports injuries, arthritis, trauma, spine disorders, tumours, metabolic bone diseases, congenital abnormalities, and MSK interventions. Sessions feature **case-based discussions and image interpretation** to strengthen practical understanding.

The fellowship also includes **onsite hands-on training** in MSK ultrasound and interventional techniques under expert guidance.

Upon completion, candidates may appear for the **exit examination**, with successful participants awarded the **Advanced Certification and MSS India Hybrid Fellowship in MSK Imaging** during the **MSS India Annual Conference.**



Message From The Office

Where expertise meets excellence, Elevate your career through MSS India Advanced Certification & Hybrid Fellowship in MSK Imaging.

Dr. M. V. Chalapathi Rao
President, MSS India

Refinement & Recognition in radiological excellence. Reshape your expertise through expert mentorship, cutting-edge insights, and a truly transformative learning experience through MSS India Advanced Certification & Hybrid Fellowship in MSK Imaging.

Dr. Nishith Kumar
Secretary General, MSS India

COURSE DIRECTORS

Dr. Vemuri Varaprasad
Vijayawada

Dr. Darshana Sanghvi
Mumbai

Dr. Ankur J. Shah
Ahmedabad

Prof. Dharmendra K. Singh
New Delhi

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Hongkong

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Canada

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USA

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Dr. Avneesh Chhabra
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Australia

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UK

Dr. Iqbal S. Ganie
South Africa

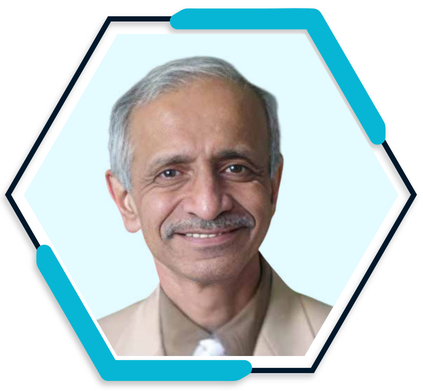
Dr. Amit Katyan
Canada

Dr. Muthukumar Chandramohan
UK

Dr. Samir Paruthikunnan
UK

and many more...

National Faculty



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Pune

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Vijayawada

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Mumbai

Dr. Sagar Tomar
Noida

Dr. Neeti Gupta
New Delhi

and many more...

Highlights Of The Fellowship

6-month online teaching | Sundays, 4 - 8 PM IST

12 structured modules: Basics to advanced MSK imaging & interventions

Session recordings available for 48 hours

Module-wise self-assessment tests

Onsite hands-on training after completion of the online modules

65+ expert faculty: 25+ international & 40+ national leaders

Optional exit examination and Cadaveric Intervention Workshops

1 sponsored free seat each for a candidate from Northeast India & Leh-Ladakh

Research mentorship & publication guidance

12 Modules Of MSK Fellowship

- Clinico-radiological Approach to Joint derangements: Upper Limb
- Clinico-radiological Approach to Joint derangements: Lower Limb
- Musculoskeletal Trauma Imaging
- Arthritis
- Bone & Soft tissue tumours
- Infections and Inflammatory MSK disorders
- Nerve & Plexus Imaging
- Metabolic & Endocrinal Skeletal Disorders
- Paediatric Imaging
- Image guide Musculoskeletal Intervenions
- Spine Imaging
- Future trends, Research & Publications

Exit Exam Process
& Certification

After completing the online learning modules and onsite training, candidates will be encouraged to appear for the Exit Examination. The exit exam will happen at the end of onsite hands on training.

Results will be announced either the same evening or the following morning. The Exit Examination will consist of a multiple-choice question (MCQ) assessment followed by a viva.

CERTIFICATION

- Candidates who successfully pass the Exit Examination will be awarded the **“Advanced Certification & Hybrid Fellowship in Musculoskeletal Radiology.”**

- Candidates who do not pass the Exit Examination will have the opportunity to reappear in the next scheduled Exit Examination, which will be held one day prior to the **Mid-term CME or the next Annual Conference of the Musculoskeletal Society of India**, at the respective venue.

- Candidates who choose not to appear for the Exit Examination will be awarded an **“Advanced Certification in MSK Radiology.”**

CONVOCATION

- A dedicated **ceremonial convocation** will be held during the Annual Conference of the Musculoskeletal Society of India to formally confer certificates and recognize successful candidates.

Become MSS India Member

Candidates who fulfill **all the following mandatory criteria** will be eligible to be considered for **Associate Membership** of the Musculoskeletal Society of India (MSS, India):

Successful completion of the Exit Examination.

Attendance at least once at the Annual Conference of MSS, India after enrolling in the course.

A minimum of one accepted or published article in the field of **Musculoskeletal Radiology** during the course period.
Acceptable formats include:

- Original Research
- Pictorial Essay
- Review Article
- Systematic Review & Meta-analysis
- Case Series
- Case Report

Publication in an indexed journal is required, preferably in the Indian Journal of Musculoskeletal Radiology.

Submission of a duly completed membership application, along with **two Letters of Recommendation (LORs)** from Life Members of MSS, India.

Payment of the applicable Associate Membership fee.

Only candidates who meet **all the above criteria** will be considered for **Associate Membership of MSS, India.**

Benefits for Enrolled Candidates

Priority access & 20% discount for the **MSS India – AIIMS Mangalagiri Cadaveric Intervention Program** (hands-on MSK training).

20% discount for the Annual Conference of Musculoskeletal Society of India.

Click Here To Register

ADVANCED CERTIFICATION AND MSS INDIA HYBRID FELLOWSHIP IN MSK IMAGING

Module wise curriculum

Endorsed by Asian Musculoskeletal Society

1. Clinico-radiological approach joint derangement: Upper limb

1.1 Radiological Anatomy of the shoulder (Radiograph, CT and MRI)
1.2 Sonographic anatomy and Dynamic US role in shoulder
1.3 Rotator cuff tear, Rotator interval, Biceps, and Rotator cable- Mulitmodality
1.4 Capsulo-Labro-ligamentous complex pathologies
1.5 Shoulder Instability
1.6 Impingements of shoulder joint -Multimodality
1.7 Post-op shoulder imaging

1.8 Radiological Anatomy of Elbow (Radiograph, CT and MRI)
1.9 Sonographic anatomy and Dynamic US role in elbow pathologies
1.10 Internal derangements of the elbow
1.11 External derangements and nerve entrapment of the elbow- Mulimodality

1. Clinico-radiological approach joint derangement: Upper limb

1.12 Radiological anatomy of wrist, finger and thumb (Radiograph, CT and MRI)

1.13 Sonographic anatomy and Dynamic US role in wrist, finger and thumb

1.14 TFCC, SLAC, SNAC, DISI, VISI, LUNATE / PERILUNATE, AVN of scaphoid, Hamate injuries

1.15 Carpal tunnel, Trigger finger, dequervain, intersections, non traumatic wrist tendon patholgies

1.16 Injuries of fingers and Thumb (Dynamic US- MR correlation)

1.17 Top ten case scenario of upper limb Sports Injury : A revisit

2. Clinico-radiological approach joint derangement: Lower limb

2.1 Radiological anatomy of hip (Radiograph, CT and MRI)

2.2 Sonographic anatomy of hip, gluteals, adductors, and Hamstrings and pathologies

2.3 Impingements and labral tear

2.4 Muscle tear classification and pattern

2.5 Adductors and Abdominal wall Injuries

2.6 Hamstring and Quadriceps injuries, IT Band friction (US-MR correlation)

2.7 Radiological anatomy of Knee (Radiograph, CT and MRI)

2.8 Sonographic anatomy of knee and pathologies

2.9 Meniscus tears

2.10 Corners and extensor tear

2.11 Cruciate and collateral tear

2.12 Post Op Knee

2. Clinico-radiological approach joint derangement: Lower limb

2.13 Radiological anatomy of ankle and foot (Radiograph, CT and MRI)
2.14 Sonographic anatomy of ankle and foot and pathologies
2.15 Imaging of Lateral and medial ankle injuries
2.16 Bone marrow MRI: Injury
2.17 Achilles, flexor and extensor injuries

2.18 Impingements of ankle and foot
2.19 Five Common injuries: Turf toe, Sesamoid, lisfranc, stress #, midfoot instability, Plantar Fascia
2.20 Top ten case scenario of lower imb Sports Injury: A revisit

3. Musculoskeletal Trauma

3.1 Systematic Interpretation of Trauma Radiographs: How Not to Miss Fractures in Daily Practice

3.2 Pelvic Ring and Acetabular Fractures: Pattern Recognition in Trauma Imaging

3.3 Hip Fractures in the Elderly: A Practical Imaging Approach

3.4 Lower Limb Trauma: Knee, Ankle, and Foot Fractures

3.5 Upper Limb Trauma: Injuries in Emergency room

3.6 Spine Trauma imaging: Craniocervical junction injuries

3.7 Spine Trauma imaging: Subaxial cervical spine injuries

3.8 Spine Trauma imaging: Dorso-lumbar spine injuries

4. Musculoskeletal Infection and inflammation

4.1 Infective arthritis - native and prosthetic joints
4.2 Imaging in acute and chronic osteomyelitis- Head to Toe scenario
4.3 Soft tissue infection- cellulitis, fascitis and myositis
4.4 Infective & Inflammatory spondylodiscitis

4.5 Spinal Tuberculosis- Imaging features and response assessment
4.6 Mimics of Septic arthritis and osteomyelitis
4.7 Nuclear imaging in MSK infection and prosthetic joints
4.8 Treatment overview in infective arthritis and post treatment imaging

5. Spine imaging

5.1 Degenerative disc disease and other disco-vertebral lesions
5.2 Osteoporosis and bone marrow disease
5.3 Sports related injuries in spine
5.4 Craniovertebral junction anatomy and abnormaities

5.5 Congenital and developmental spinal canal & spinal cord disorders
5.6 Vertebral tumors
5.7 Post-operative spine imaging
5.8 TM Joint imaging

6. Pediatric Musculoskeletal imaging

6.1 Imaging the Growing Skeleton: Normal Development & Pitfalls

6.2 Developmental Hip & Growth Disorders

6.3 Pediatric Trauma & Physeal Injuries: What not to miss

6.4 Pediatric Bone Infections & Mimics

6.5 Pediatric Arthropathies

6.6 Skeletal Dysplasias: A Practical Imaging Approach

7. Metabolic and endocrinal bone disorders

7.1 An approach to Metabolic bone disorders and detailed evaluation of common metabolic bone disorders

7.2 An approach to endocrinal bone disorders

7.3 Sarcopenia

8. Nerve and Plexus imaging

8.1 Brachial plexus Ultrasound

8.2 Brachial Plexus MRI

8.3 Lumbosacral plexus MRI

8.4 Peripheral nerve imaging: Inflammatory, traumatic

9. Arthritis

9.1 ABCD'S of plain radiographs in the diagnosis of Arthritis and Pattern involvement

9.2 Introduction to the types of arthritis (Helpful arthritis categorization based on imaging findings)

9.3 Terminology Clarification in arthritis and case based review

9.4 Imaging modalities in arthritis including advanced imaging

9.5 Osteoarthritis

9.6 Rheumatoid arthritis

9.7 Spondyloarthropathy

9.8 Crystal deposition disease

9.9 Other arthritis (Infective, endocrinal, metabolic, neuropathic)

10. Bone and soft tissue tumors

10.1 Introduction to bone tumours
10.2 Don’t touch lesion
10.3 Cartilage tumours
10.4 Surface lesions
10.5 Approach to lucent bone lesion
10.6 Approach to sclerotic bone lesion
10.7 Pelvis tutorial
10.8 Soft tissue tumours
10.9 Non-neoplastic soft tissue masses
10.10 Errors in soft tissue sarcoma
10.11 Role of rad reporting (OT-RADS, ST-RADS)
10.12 Multiparametric imaging in bone tumor
10.13 Tumour specific staging of bone and soft tissue sarcoma
10.14 Imaging of bone metastasis
10.15 Post treatment imaging- (response evaluation, prosthesis radiographs)
10.16 Structured reporting of sarcomas-what the surgeon wants from the radiologist

11. Image-guided Musculoskeletal Interventions

11.1 Regenerative & Sports Intervention
11.2 Intervention in entrapment neuropathy
11.3 Joint injections
11.4 Synovial biopsies

11.5 Ablation
11.6 Diagnostic Spine interventions
11.7 Intervention for painful spine
11.8 Vertebral augmentation procedures

12. Never to miss

12.1 Avascular necrosis
12.2 Cartilage imaging and Osteochondral lesions
12.3 Pagets disease

12.4 Emergencies in MSK
12.5 Research
12.6 Publications
12.7 Artificial Intelligence in musculoskeletal radiology