



13th Annual Conference of Musculoskeletal Society, India

25 - 27 July, 2025

Ganga Medical Center & Hospital,
Coimbatore , Tamilnadu, India

GANGA
MEDICAL CENTRE & HOSPITALS PVT LTD



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WELCOME MESSAGE



MUSCULOSKELETAL SOCIETY, INDIA CONFERENCE 2025



**Prof. Dr. S.
Rajasekaran**

Organizing
Chairman



**Dr. Jayaraj
Govindaraj**

President,
Musculoskeletal
Society, India



**Dr. A
Anbarasu**

Organizing
Secretary



**Prof Dr.
Dharmendra
K Singh**

Secretary,
Musculoskeletal
Society, India



**Dr. Pushpa.
B.T.**

Organizing
Secretary

Dear Colleagues,

We are delighted to welcome you to our specialized workshops focused on musculoskeletal MRI, ultrasound, and image-guided musculoskeletal interventions. Led by a distinguished faculty of experts in musculoskeletal radiology, these sessions are designed to offer in-depth knowledge, practical insights, and meaningful engagement.

Whether you're looking to enhance your MRI interpretation skills, delve into the capabilities of ultrasound technology, or refine your approach to musculoskeletal interventions, we encourage you to participate in our clinically oriented sessions, which emphasize real-world application over didactic instruction.

We are confident that you will leave with valuable, actionable insights that will directly benefit your clinical practice.



LOOK FORWARD TO AN ENRICHING EXPERIENCE



Isha Foundation On 25 July 2025 | 04.00 PM Onwards

Embark on a serene journey to the Isha Foundation for a peaceful meditation session followed by a stunning Laser show and a delightful Satvik dinner to cap off the evening on 25th July



Basu Shanker On 26 July 2025 | 05.00 PM - 05.30 PM

Get the inside scoop on fitness from Virat Kohli's personal trainer, as he reveals his expert insights during interactive session "Taking Care of Yourself!" on 26th July



Narain Karthikeyan On 27 July 2025 | 10.00 AM - 10.30 AM

Rev up your engines and take a thrilling ride with India's first Formula 1 Racer, as he talks about "Working under Pressure" on 27th July

Abstract Submission is live now !

Deadline of abstract submission - 15th May 2025

Approval / rejection of abstract - 30th May 2025

Deadline for submission of completed work - 30th June 2025

National Young MSK Quiz Contest (26TH & 27TH July 2025)



Organising Committee

Patrons	Prof. Dr Kulasekara, Prof. Dr. Swaminathan, Dr Amarnath C, Dr Murali krishna L, Dr Mathew Cherian, Dr . N.Murali, Dr Sumitha Sankar, Dr K Venkatesh, Dr B DevAnand, Dr J Geethanjali, Dr Senthil Kumaran S, Dr Arokia Rajasekar, Dr. Anupama. N, Dr N Senthil Kumar, Dr Subashree C, Dr Murugan (clarity) Dr D Senthil Kumar, Dr Karunaharan, Dr Suganya, Dr. Anbarasu.
Organising Chairpersons	Prof. Dr. S Rajasekaran, Dr. Jayaraj Govindaraj,
Organizing Secretary	Prof. Dr. Dharmendra Kumar Singh, Dr. Anbarasu A, Dr. Pushpa Bhari Thippeswamy,
Advisors	Dr. Abhimanyu Kelkar, Dr. Amarnath C, Dr. Ankur Shah, Dr. Hirak Ray Choudhury, Prof. Dr. Mahesh Prakash, Dr. Murali Krishna Dr. Varaprasad V.N, Prof. Hema N Choudur, Dr. Raj Chari, Dr. Raghav Aggarwal, Dr. Harun Gupta,
Executive Committee MSS	President: Dr. Jayaraj Govindaraj Vice-President: Dr. Raghav Aggarwal, Dr. Malini Lawande Secretary General: Prof. Dr. Dharmendra Kumar Singh Joint Secretary: Dr. Pushpa Bhari Thippeswamy, Dr. Ankur Goyal Treasurer: Dr. Rama Krishna Narayanan
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Abstract and Proferred Paper Committee	Dr. Anindita Sinha, Dr. Uma Maheshwar Reddy, Dr. Neha Nischal, Dr. Vaishali Upadhyaya, Dr. Raghu Teja Sadineni, Dr. Chidambaranathan.N, Dr. Ankur Goyal, Dr. Surendra Kumar Bugata, Dr. Amit Sahu, Dr. Madhavi Kandagaddala, Dr. Nishith Kumar
Audio Visual Committee	Anand Peter and team
Executive Engineer and electrical department	Mr. Kasi and Mr. Murali – Ganga hospital
IT support- Ganga hospital	Radha Krishnan, Prathap, Bala (spine department), Sabapathy.
Trade Committee	Prof. Dr. Dharmendra Kumar Singh, Dr. Raghav Aggarwal, Dr. Varaprasad V.N., Dr. Pushpa Bhari Thippeswamy.
Cultural Committee	Dr. Jatinder Pal Singh, Dr. Harun Gupta, Dr. Nafisa Shakir Batta, Dr. Neha Nischal, Dr. Raj Negi, Dr. Rakhee Kumar Paruchuri, Dr. Raj Chari, Dr. Isha Gupta, Dr. Stanzin Spalkit.
Sports Committee	Dr. Nafisa Shakir Batta, Dr. Uma Maheshwar Reddy, Dr. Surender kumar Bugata, Dr. Raj Chari, Prof. Dr. Dharmendra kumar singh, Dr. Gaurav Kant Sharma, Dr. Chetan Gowda
Local Core team	Dr. Pushpa Bhari Thippeswamy, Dr. Suprotik Basu, Dr. Jainam Doshi, Dr. Pavithra Devi A, Dr. Dain Davis, Dr. Subhas Nagur, Dr. Sarankumar Balasubramanian, Dr. Divya M, Dr. Isha Gupta, Dr. Smruti Snigdha Sahoo, Dr. Chethan Kumar C, Dr. V. Vineet Kumar, Dr. Shreedhanaa Venkatesan, Priya Thangaraj

DAY 1 - 25th July

USG Level II-III workshop		
Program Curator: Prof. Dr. Mahesh Prakash, Dr. Raghav Aggarwal, Dr. Samarendra Narayanan, Dr. Harun Gupta Moderators: Prof. Dr. Mahesh Prakash, Dr. Raghav Aggarwal, Dr. Joban Babhulkar, Dr. Vaishali Upadhyaya		
Timings	Topics	Faculties
8.00 - 8.30 AM	Registration	
08.30 - 08.50 AM	Knee joint anatomy demonstration level II - key focus on posterolateral corner and nerves around knee joint	Prof. Dr. Mahesh Prakash
08.50 - 09.20 AM	knee joint pathologies level III- demonstration of pathology and intervention on patients- Muroid ACL, joint effusion, genicular nerve anatomy and injection	Dr. Pushpa Bhari Thippeswamy, Dr. Neeti gupta,
09.20 - 9.40 AM	Ankle anatomy level II- with key focus on dynamic evaluation	Prof. Hema N Choudur
09.40 - 10.10 AM	Ankle joint pathologies, level III- demonstration and intervention on patients- tenosynovitis+joint effusion, plantar fascitis, retrocalcaneal bursitis	Dr. Ashwin D Lawande, Dr. Anand Kirwadi, Prof. Hema N Choudur
10.15 - 11.30 AM	Ankle and knee - hands on practice on volunteers , intervention hands on with phantoms	Dr. Raghu Teja Sadineni, Dr. Bhupender Singh, Dr. Shayeri Ray Choudhury, Dr. Chaitali Deepak Parekh, Dr. Anuja Dubey, Dr. Anupama Tandon, Dr. Sonali Sethi,
11.50 AM -12.10 PM	Shoulder joint anatomy level II- key focus on dynamic manueurs and rotator interval structures	Dr. Raghav Aggarwal
12.10 - 12.45 PM	Shoulder joint pathologies, level III- demonstration and intervention on patients - adhesive capsulitis, sub-acromial impingement, Acromioclavicular joint	Dr. Pushpa Bhari Thippeswamy, Dr. Anand Kirwadi
01.30 - 02.15 PM	Shoulder hands on practice on volunteers, intervention hands on with phantoms	Dr. Vaishali Upadhyaya, Dr. Devendra Goyal, Dr. Harmeet Kaur, Dr. Madhavi Kandagaddala, Dr. Shalini Agarwal.
02.15 - 02.35 PM	Elbow level II- key focus on dynamic evaluation and nerves around elbow	Dr. Joban Babhulkar
02.35 - 02.55 PM	Wrist level II- key focus on dynamic evaluation and nerves around wrist joint	Dr. Samarendra Narayanan
03.00 - 03.35 PM	Elbow and wrist level III- demonstration and intervention on patients- PIN entrapment, tennis elbow, trigger finger	Dr. Joban Babhulkar, Dr. Samarendra Narayanan, Dr. Ashwin D Lavande
03.35 - 4.30 PM	Wrist and elbow : Hands on practice on volunteers	Dr. Raghu Teja Sadineni, Dr. Bhupender Singh, Dr. Shayeri Ray Choudhury, Dr. Chaitali Deepak Parekh, Dr. Anuja Dubey, Dr. Anupama Tandon, Dr. Sonali Sethi, Dr. Rashmeet Kaur

MSK Cadaver Workshop

Program Curator: Prof. Dr. Dharmendra Kumar Singh, Dr. Raj Chari
Moderator- Dr. Jayaraj Govindaraj, Dr. Murali Krishna- 08.30-01.40 PM and
Dr. Raj Chari, Dr. Radhesh Lalam 02.00-05.00 pm

Time	Topic	Faculty
08.30 - 08.40 AM	Introduction to Image-guided MSK Intervention	Radiology Faculty Govt. Medical College
	Basic of US-guided Intervention (Didactic lecture)	
08.40 - 08.50 AM	■ Needle-probe alignment ■ Depth-needle alignment ■ Safe Needle trajectory	Dr. Stanzin Spalkit
	Shoulder anatomy demonstration	
08.50 - 09.00 AM	■ Joint (Posterior aspect) ■ SASD Bursa (anterolateral aspect)	Anatomy Faculty
	Shoulder Intervention (Demonstration)	
09.00 - 09.10 AM	■ Joint injection ■ SASD bursa injection	Prof. Dr. Nishith Kumar
09.10 - 09.40 AM	Hands-on Shoulder	Dr. Stanzin Spalkit, Prof. Dr. Nishith Kumar, Dr. Gaurav Kant Sharma, Dr. Jatinder Pal singh, Dr. Neha Nischal, Dr. Raj Chari, Dr. Suvinay Saxena
	Elbow anatomy demonstration	
09.40 - 09.50 AM	■ ECRB ■ Joint (Posterior aspect)	Anatomy faculty
	Elbow Intervention	
09.50 - 10.00 AM	■ ECRB tenotomy ■ Elbow joint injection	Dr. Gaurav Kant Sharma
10.00 - 10.30 AM	Hands-on Elbow	Dr. Stanzin Spalkit, Prof. Dr. Nishith Kumar, Dr. Gaurav Kant Sharma, Dr. Jatinder Pal singh, Dr. Neha Nischal, Dr. Raj Chari, Dr. Suvinay Saxena
	Wrist anatomy demonstration	
10.30 - 10.40 AM	■ Carpal tunnel ■ 1st extensor compartment	Anatomy faculty
	Wrist Intervention	
10.40 - 10.50 AM	■ Carpal tunnel injection ■ Dequervain injection	Dr. Jatinder Pal singh

MSK Intervention Workshop

Program Curator: Prof. Dr. Dharmendra Kumar Singh, Dr. Raj Chari
Moderator- Dr. Jayaraj Govindaraj, Dr. Murali Krishna- 08.30-01.40 PM and
Dr. Raj Chari, Dr. Radhesh Lalam 02.00-05.00 pm

Time	Topic	Faculty
10.50 - 11.20 AM	Hands-on Wrist	Dr. Stanzin Spalkit, Prof. Dr. Nishith Kumar, Dr. Gaurav Kant Sharma, Dr. Jatinder Pal singh, Dr. Neha Nischal, Dr. Raj Chari, Dr. Suvinay Saxena
11.20 - 11.30 AM	Hip and knee anatomy demonstration ■ Anterior hip joint ■ Anterior knee joint	Anatomy faculty
11.30 - 11.40 AM	Hip and knee Intervention ■ Hip joint injection ■ Knee Joint injection	Dr. Srinad Bopanna
11.40 - 12.00 PM	Hands-on Hip and Knee Joint	Dr. Srinad Bopanna, Dr. Ramakrishna Narayanan, Dr. Satish Babu M., Dr. Mahesh Kumar, Prof. Dr. Dharmendra Kumar Singh, Dr. Suvinay Saxena
12.00 - 12.10 PM	Ankle anatomy demonstration ■ Anterior ankle joint ■ Achilles tendon-Kager fat pad	Anatomy faculty
12.10 - 12.20 PM	Ankle Intervention ■ Ankle joint injection ■ Kager fat pad separation	Dr. Ram Krishna Narayanan
12.20 - 12.50 PM	Hands-on Ankle	Dr. Srinad Bopanna, Dr. Ramakrishna Narayanan, Dr. Satish Babu M., Dr. Mahesh Kumar, Dr. Suvinay Saxena, Prof. Dr. Dharmendra Kumar Singh
12.50 - 01.00 PM	Foot anatomy demonstration ■ Plantar fascia ■ 3rd Interdigital nerve	Anatomy faculty
01.00 - 01.10 PM	Foot Intervention ■ Plantar fascia ■ Morton's' Neuroma	Dr. Satish Babu M.
01.10 - 01.40 PM	Hands-on Foot	Dr. Srinad Bopanna, Dr. Ram Krishna Narayanan, Dr. Satish Babu M., Dr. Mahesh Kumar, Prof. Dr. Dharmendra Kumar Singh, Dr. Suvinay Saxena
02.40 - 03.10 PM	C-arm guided Injection ■ L5, S1 nerve root injection ■ Facet joint injection ■ Impar block	Dr. Raj Chari
03.10 - 03.45 PM	Hands - on	Dr. Raj Chari, Prof. Dr. Dharmendra Kumar Singh
03.45 - 04.15 PM	C-arm guided vertebral intervention ■ Dorsolumbar vertebral biopsy ■ Vertebroplasty	Prof. Dr. Dharmendra Kumar Singh
04.15 - 05.00 PM	Hands - on	Dr. Raj Chari, Prof. Dr. Dharmendra Kumar Singh

Master class MRI-workshop

Program Curators: Dr. Varaprasad V.N., Dr. Malini Lawande, Dr. Ankur Shah
Moderators: Prelunch- Dr. Varaprasad V.N, Dr. Malini Lawande,
Post lunch- Dr. Ankur Shah, Dr. Vijay Ramkumar Pappineni

Timings	Hip joint	Faculties
8.00 - 8.20 AM	Femoral head pathologies	Dr. Ankur Goyal / Dr. Shruthi Subramanyan
8.20 - 8.40 AM	Impingements around the hip joints	Dr. Harun Gupta/ Dr. Rohit sharma
8.40 - 9.00 AM	Post THR imaging- MRI, CT and Radiographs	Dr. Hirak Ray Choudhury/ Dr. Gaurav Vashisht
Knee joint		
9.00 - 9.20 AM	Atypical tear and pitfalls in meniscal pathologies and corner injuries	Dr. Malini Ashwin Lawande/ Dr.Seema janardhan
9.20 - 9.40 AM	Patellar dislocation	Dr. Manickam Subramanian/ Dr. Kavya Mikkineni
9.40 - 10.00 AM	Post operative imaging of the knee	Dr. Darshana Sanghvi/Dr. Vardhan joshi
Ankle joint		
10.00 - 10.20 AM	Impingements around ankle	Prof. William B Morrison
10.20 - 10.40 AM	Cartilage injuries and mapping	Dr. Ankur Shah/ Dr. Drushi Dhyani Patel
10.40 - 11.00 AM	Hind foot pain	Dr. Madhavi Kandagaddala/ Dr. Simranjeet Kaur
Foot and Toes		
11.00 - 11.20 AM	Lisfranc injuries	Dr. Milko De Jonge
11.20 - 11.40 AM	Charcot's joint imaging	Dr.Vijay Ram Kumar Papineni / Dr. Uma Maheswar Reddy Venati
11.40 - 12.00 PM	Foot injuries in sports	Dr. Milko De Jonge
Lumbar plexus, brachial plexus and lower limb nerves		
12.00 - 12.20 PM	Lumbar plexus - approach to plexus pathologies	Dr. Khusbhoo Pilania Agrawal
12.20 - 12.40 PM	Nerve entrapment in lower limbs	Dr. Surendra kumar Bugata
12.40 - 1.00 PM	Brachial plexus - Thoracic outlet syndrome	Dr. Varaprasad V.N
Shoulder		
2.00 - 2.20 PM	Rotator cuff injuries	Dr. Rakhee Kumar Paruchuri/ Dr. Amogh V N
2.20 - 2.40 PM	Labral pathologies and sports injuries	Dr. Nafisa Shakir Batta/ Dr. Chaithali Deepak Parekh
2.40 - 3.00 PM	Instability	Dr. Anupama Patil/Dr. Chinmay P Mehta
3.00 - 3.20 PM	Biceps pulley injuries and long bicipital tendon instability	Dr. Ankit Tandon/ Dr. Raghuraman Soundarajan
Elbow and wrist		
3.20 - 3.40 PM	Ligamentous injuries in elbow- adults and children	Dr. Srijita Ghosh/Dr. Sagar Tomer
3.40 - 4.00 PM	Ulnar sided wrist pain	Dr. Sanjay Desai/Dr. Karan Astana

Mater class- Bone tumor

Program Curators- Dr. Thillainayagam Muthukumar, Dr. Harun Gupta
Moderators- Dr. Thillainayagam Muthukumar, Dr. Harun Gupta

Timings

9.00 - 9.30 AM	Approach to bone tumors on radiograph - baby steps for all	Dr. Thillainayagam Muthukumar
9.30 - 10.00 AM	No touch lesions – How is radiology relevant	Dr. Chandramohan Muthusamy
10.00 - 10.30 AM	Benign tumors with aggressive behaviors - reporting check list	Dr. Anindita Sinha
10.45 - 11.00 AM	Cartilage tumors- controversies or contributions of imaging	Dr. Thillainayagam Muthukumar
11.00 - 11.30 AM	Malignant tumors- multimodality imaging approach – gateway for tumor management-	Dr. Sonal Saran
11.30 - 12.00 PM	How to biopsy the bone and soft tissue tumors- correct way is the right way	Dr. Thillainayagam Muthukumar
12.00 - 1.00 PM	Soft tissue sarcoma- algorithm based diagnostic approach	Dr. Harun Gupta
2.00 - 2.30 PM	Post treatment imaging- chemotherapy, benign tumors, and malignant tumors	Dr. Pushpa Bhari Thippeswamy
2.30 - 3.30 PM	Tumor MDT	Dr. Thillainayagam Muthukumar, Dr. Nirmala A Jambhekar, Dr. Anindita Sinha, Dr. Harun gupta, Dr. Raja Bhaskara Rajasekaran

MSK interventions session (8.00-10.00am)

Chairperson- Dr. Jayaraj Govindaraj, Dr. Chalapathi Rao, Dr. Radhesh Lalam
Program Curators- Prof. Dr. Dharmendra Kumar Singh
Master of Ceremony- Dr. Stanzin Spalkit

Timings	Topics	Faculty
8.00 - 8.12 AM	1. Releasing the entrapped nerve: Unlocking Carpal tunnel syndrome ■ Pathophysiology of CTS in brief ■ Pre intervention baseline parameters ■ Rationale of hydrodissection ■ Technique ■ Follow up	Dr. Ankur Goyal
8.12 - 8.24 AM	2. Interventional neuroma management: A paradigm shift from radical surgery to minimally invasive alternative ■ Perineural fibrosis ■ Neuroma in continuity ■ Free end bulb neuroma ■ Scar entrapped end bulb neuroma	Prof. Dr. Nishith Kumar
8.24 - 8.36 AM	3. Sports Intervention: Demystifying the myths ■ Wada regulation ■ Steroid use and misuse ■ Orthobiologics in sports ■ Outcome of US-guided Orthobiologics injection versus blind: Rationale ■ Why programmed rehab is mandatory after Orthobiologics intervention	Dr. Gaurav Kant Sharma
8.36 - 8.48 AM	4. Interventional management of extremely painful shoulder with restricted joint motion ■ Calcific tendinopathy ■ Periarthritis ■ Paralabral cyst at spinoglenoid notch	Dr. Satish Babu

Timings	Topics	Faculty
8.48 - 9.00 AM	5. Image-guided safe Bone biopsies of difficult locations: Management affecting decisions: ■ Case based scenario ■ Rationale of choosing the approach ■ What to do for maximum yield as repeated biopsies not possible	Dr. Neha Nischal
9.00 - 9.12 AM	6. Overcoming the technical and anatomical difficulties during RFA of osteoid osteoma: ■ Osteoid osteoma close to nerve and cartilage ■ Vertebral Osteoid osteoma ■ Not able to reach temperature ■ Drilling the bone on curved surface	Prof. Dr. Dharmendra Kumar Singh
9.12 - 9.25 AM	7. Palliative vertebral interventions	Dr. Anindita Sinha

Inauguration: 9.45 - 11.00 AM

Oration: 11.00-11.30 PM- “Prof. Kakarla Subbarao Oration” A Testimony to changing times, A tribute by Dr. Varaprasad V.N., Optimization of Musculoskeletal MRI- What can MRI teach us about radiographs?- Prof. William B Morrison

11.30-12.00 PM- “Prof. Madusudana Rao Tummala Oration” Beyond High Tech: Power of Low- Cost Imaging in Early Detection/ Prevention of MSK disease in the Indian subcontinent. Can we move boundaries?- Prof. Hema N Choudur

Industry: 12.00 - 12.15 PM

Open Quiz - Questions 12.15 - 01.00 PM (Dr. Uma Maheshwar Reddy, Dr. Sonal Saran)

Nerve Imaging (2:00 - 3:00 PM)

Chairperson- Dr. Rajasabapathy/ Dr. Praveen Bharadwaj
Program Curator- Prof. Dr. Mahesh Prakash, Dr. Vaishali Upadhyaya, Dr. Darshana Sanghvi
Master of Ceremony- Dr. Kavya Mikkineni

2.00 - 2.12 PM	Peripheral Nerve Imaging: Case Based Review	Dr. Samarendra Narayanan
2.12 - 2.24 PM	Imaging in traumatic Brachial plexopathies : What the clinician wants to know	Dr. Varaprasad V.N
2.24 - 2.36 PM	Approach to Imaging polyneuropathies of the Lumbosacral Plexus	Dr. Khushboo Pilonia Agrawal
2.36 - 2.48 PM	The Great Debate: USG vs MRI in Peripheral Neuropathy	Prof. Dr. Mahesh Prakash
2.48 - 3.00 PM	Non-traumatic brachial plexus pathologies- case based review	Dr. Vaishali Upadhyaya

Sports Imaging (3.00-5.00pm)

Chairperson-Dr. Thillainayagam Muthukumar and Dr. Harun Gupta, Prof. Hema N Choudur
Program curator- Dr. Raj Chari and Dr. Nafisa Shakir Bhatta
Master of Ceremony- Dr. Akansha

Timings	Topic	Speaker
	Bone health & bone stress in athletes	Dr Raj Chari
3.00 - 3.12 PM	■ Endocrinal factors ■ Behavioural factors (including diet) ■ Imaging of stress injuries	
	Musings from difficult decisions in sports imaging	Brigadiar B K Nayak
3.12 - 3.24 PM	■ Complex decision making ■ Working against time ■ Skilled intuition ■ Examples of complex situations	
	Muscle injury evaluation-does one size fit all?	Prof. Hema N Chodur
3.24 - 3.36 PM	■ Common muscle injuries in sports ■ Commonly used classifications ■ Debate standardising classification systems with imaging examples	
	Traditional indigenous sports of India & imaging	Dr. Nafisa Shakir Batta
3.36 - 3.48 PM	■ Indian sports vs global sports ■ Indian sports specific injuries & imaging ■ How is the sports practice different in India	

Sports imaging (3.00-5.00pm)

Chairperson-Dr. Thillainayagam Muthukumar and Dr. Harun Gupta, Prof. Hema N Choudur
Program curator- Dr. Raj Chari and Dr. Nafisa Shakir Bhatta
Master of Ceremony- Dr. Akansha

Timings	Topic	Speaker
	Trunk & flank – core overuse sports injuries	Dr. Anupama patil
3.48 - 4.00 PM	■ Imaging of spine injuries including pars ■ Imaging of side strain ■ Imaging of sports hernia ■ Biomechanical factors (sports specific)	
	Growing champions - Adolescent sports injuries	Dr. Darshana Sanghvi
4.00 - 4.12 PM	■ Knee ligament and osteochondral injuries ■ Avulsion fractures of pelvis ■ Throwing arm injuries in children & imaging	
	Hit & miss – Missed sports injuries & hit from the aftermath	Dr. Milko De Jonge
4.12 - 4.24 PM	■ Importance of imaging pattern recognition ■ Examples of misses & consequences ■ Pearls to avoid common mistakes	
4.36 - 4.48 PM	What I learnt on ground as sports specialist - physical or mental endurance which is game changer in sportsmen?	Dr. Thillainayagam Muthukumar

Taking Care of Yourself!

Speaker: Mr. Basu Shankar
Moderator: Dr. Raj Chari (5.00 - 5.30 PM)

4.00 - 4.30 PM	Board meeting(Ganga Hospital)
5.45 - 6.45 PM	General Body Meeting (Ganga Hospital)

Spine imaging session(8.00-9.15 am)

Chairperson- Dr. Varaprasad V.N & Dr. Ajoy Prasad Shetty
Program Curator- Prof. Dr. Mahesh Prakash, Dr. Vaishali Upadhyaya, Dr. Darshana Sanghvi
Master of Ceremony- Dr. Vineet

Time	Topics	Faculty
8.00 - 8.12 AM	1. Daily scenarios in the operated spine- chronology & geology of failed back syndrome	Prof. Dr. S.Rajasekaran
	Backpain 10days after surgery: what are the possibilities?	
	Backpain and radiculopathy one year after surgery: Recurrent disc or Epidural Scar?	
8.12 - 8.24 AM	2. Infection or Mimic - lets look at the pandora of disco- vertebral lesions common daily dilemma	Dr. Radhesh Lalam
	Middle age backpain with endplate edema: Infection Or Modic Type 1 ?	
	Young age backpain with destructive discovertebral lesion: Infection or Enthesopathy ?	
8.24 - 8.36 AM	3. Trauma & The Rigid Spine: What the surgeon wants to know	Dr. Chidambaranathan.N
8.36 - 8.48 AM	4. Challenging case scenarios in Imaging of CVJ pathologies	Dr. Vardhan Joshi
	Axial neck pain with trauma	
	Short stature: how to do a quick review	
	Arthritic man with painful restricted neck movement	
8.48 - 9.00 AM	5. Scoliosis- causes and spectrum -case based	Dr. Hirak Ray Choudhury
9.00 - 9.12 AM	6. Role of advanced MRI (diffusion and Chemical Shift imaging) in challenging spine scenarios	Dr. Jatinder Pal singh

9.15 - 9.45 AM	Team based quiz (Dr. Chandramohan Muthusamy, Dr. Ankur Goyal)
9.45 - 10.00 AM	Research and publication- Dr. Raj Negi Master of Ceremony- Jainam Doshi
10.00 - 10.30 AM	Working under Pressure- Narain Karthikeyan Master of Ceremony- Jainam Doshi

Arthritis session -(10.30 AM - 12.00 PM)		
Chairperson - Dr. Ravinder Kaur Program Curator- Dr. Girish Gandikota, Dr. Amit Sahu, Dr. Vijay Ramkumar Papineni Master of Ceremony- Dr. Aarushi		
Timings	Topics	Faculty
10.30 - 10.42 AM	Approach to arthritis on radiograph	Dr. Jayaraj Govindaraj
10.42 - 10.54 AM	Synovitis and tenosynovitis: screening ultrasound protocol and role of MRI	Dr. Amit Sahu
10.54 - 11.06 AM	Strategies for deciphering Crystal Deposition Diseases	Dr. Joban Babhulkar
11.16 - 11.28 AM	Seronegative spondyloarthropathy -don't miss the wood for trees	Dr. Harun Gupta
11.28 - 11.38 AM	Joint replacements: Indications and imaging review of early and late complications	Dr. Vijay Ramkumar Papineni
11.48 - 12.00 PM	Musculoskeletal tuberculosis-case based scenario	Dr. Ankur shah



Emerging MSK Radiology- Experience of masters 12.00 PM - 01:15 PM

Chairperson - Prof. Dr. Mahesh Prakash/Hirak Ray Chaudhury
Program Curator - Prof. Dr. Dharmendra Kumar Singh
Master of Ceremony- Dr. Aarushi

12.00 - 12.12 PM	Shear wave and strain elastography in tendinopathy and trigger points-clinical implications	Dr. Raghav Aggrawal
12.12 - 12.24 PM	Complicated lipomas and lipoma variants -mimickers of liposarcoma	Dr. Ankit Tandon
12.24 - 12.36 PM	Molecular imaging in MSK radiology	Dr. Sikander Shaikh
12.36 - 12.48 PM	Taking MSK radiology to rural India	Dr. Rajat Jain
12.48 - 1.00 PM	Role of Dual energy CT in MSK radiology	Dr. Manickam subramanian
01.00 - 01.12 PM	Role of intervention radiology in low back pain	Dr. Chalapathi Rao

Pediatric imaging session (2.00 PM - 3.30 PM)

Chairperson- Dr. Vandana Ahluwalia, Chidhambaranathan
Program Curator- Prof. Hema N Chodur, Dr.Abhimanyu Kelkar, Dr. Pushpa Bhari Thippeswamy
Master of Ceremony- Dr. Aarushi

Timings	Topics	Faculty
2.00-2.20 PM	Sudden onset of hip pain in adolescent - Clinical approach - Radiological evaluation	Dr. Abhimanyu Kelkar/Speaker 2
2.20-2.40 PM	Progressive varus deformity of knee in growing child - Clinical evaluation - Radiological approach	Dr. Venkat Das/ Dr. Kushaljit singh sodhi
2.40-3.00 PM	Birth brachial plexus palsy presenting at different time intervals(2 months, 1year, 4year) - Clinical approach - Radiological evaluation	Dr. Pushpa Bhari Thippeswamy/ Dr. Praveen Bharadwaj
3.00 - 3.10 PM	Evaluation of painless progressive spinal deformity in children	Dr. Joshita singh
3.10 - 3.20 PM	Rapid MRI sequences in children -is it really an advantage Q&A- 10mins	Dr. Sanjay Desai

Metabolic Imaging session (3.30 PM - 4.40 PM)

Dr. Raj Negi, Dr. Harun Gupta
Program Curator- Dr. Madhavi Kandagaddala. Dr. Pushpa Bhari Thippeswamy
Master of Ceremony- Dr. Pavithra

Timings

Topics

Faculty

Marrow infiltrative pathologies vs osteoporosis:

Dr. Vijender Arora

3.30 - 3.40 PM

- An elderly [68y] woman has recently presented with new-onset back pain.
- Imaging recommendations/guidelines / reporting check lists

3.40 - 3.50 PM

Regional metabolic diseases of India -case based perspective

Dr. Surendra kumar Bugata

3.50 - 4.00 PM

Non metabolic, non- neoplastic causes of reduced bone density

Dr. Malini Lawande

- A middle-aged [35y] male with recent onset progressive worsening of left hip pain
- Transient Osteoporosis, avascular necrosis / Insufficiency fractures / Inflammatory arthritis.
- Imaging recommendations/guidelines

Dilemmas with mid foot disease

Dr. Rakhee Kumar Paruchuri

4.00 - 4.10 PM

- A middle-aged [50y] male presented with a recent onset of left foot swelling, erythema and an increase in local temperature
- Charcot-neuro-osteoarthropathy [CNO]/ CNO-Osteomyelitis / degenerative disease
- Imaging recommendations/guidelines



Metabolic Imaging session (3.30 PM - 4.40 PM)

Dr. Raj Negi, Dr. Harun Gupta
Program Curator- Dr. Madhavi Kandagaddala. Dr. Pushpa Bhari Thippeswamy
Master of Ceremony- Dr. Pavithra

Timings	Topics	Faculty
	Growth retardation, bone and joint changes in kids	Dr. Sanjay desai
4.10 - 4.20 PM	■ A 3-year-old child with a history of irritability, deformity and swelling of the wrist joints. ■ Child presented with retarded growth, diffuse bone pains and fractures ■ Rickets/Scurvy/Osteogenesis Imperfecta / Hypophosphatasia / JRA/ Osteopetrosis/ Juvenile Pagets ■ Imaging recommendations/guidelines	
	Metabolic causes of reduced bone density	Dr. Madhavi Kandagaddala
4.20 - 4.30 PM	■ An elderly [50y] woman presented with diffuse bone pains, difficulty in walking and frequent falls ■ Oncogenic, renal, hyperparathyroidism ■ Imaging recommendations with guidelines -algorithm for diagnosis	
4.30- 4.40 PM	Imaging in sarcopenia	Dr. Anbarasu A
4.40-4.50 PM	Prize distribution and final remarks	

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Temple



Black Thunder
Theme Park



Anamalai Tiger Reserve
(Indira Gandhi Wildlife)



Snow
Fantasy



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SeaWorld



GASS Forest
Museum



Kodiveri
Dam

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