



FELLOWSHIP IN ORTHOPEDIC RHEUMATOLOGY

2020 onwards we had started “Fellowship in Orthopedic Rheumatology” under academic Collaboration of **Indian Orthopaedic Rheumatology Association (IORA)**, **Indian Stem cell Study Group** affiliated to Dr Ram Manohar Lohiya National Law university with the laid down criteria (mentioned below)

The duration of fellowship would be for one year with classroom & proposed online contact program (online lectures and case discussion sessions). From Nov onwards every month two fellows would be presenting their assignment ppts or FEIORA Journal Club. The finer details of the course module for this fellowship will be laid out by the Course Director. The RML law university of repute would be roped in to award this prestigious fellowship.

Globally, regenerative science in orthopaedics holds the future to treating certain conditions where clinicians face stagnation and challenges in the available treatment modalities (*such as moderate stage of progressive osteoarthritis, uncontrolled Rheumatoid Arthritis, AVN head of Femur, DMD, etc.*) therefore the fellowship would also endeavor to update and inbuild regenerative approach in the fellowship curriculum.

The affiliated law university would be taking care of insight & guidance into the challenging medical litigations in ortho-rheumatological clinical practice. The fellowship would be jointly awarded by the RML university in academic collaboration with IORA, ISCSG. There is also provision of onsite clinical observership/exposure at VISA hospital of Foot & Ankle Surgery in Chennai, advances in hand surgery at Pune for a total period of one week (Optional). Wrist & Hand plus spine workshop programs organized by IORA should be mandatory attended by the fellows doing fellowship. If they are not able to attend then it will act as negative points in their Final exam.

The total duration would be of one year during where the fellows would be exposed to Orthopaedic Rheumatology (*Medical part, Surgical and Rehabilitation part of Orthopaedic Rheumatology*), few important topics on orthobiologics in Orthopedic Rheumatology, medical litigations around orthopaedic rheumatology and legal aspects of the proposed subject.

Course details

BATCH 2024-25 would be the Fifth Batch

Duration – 12 months (online classes with few offline classroom training programs at various sub centres including Lucknow, publication / project work and case based online discussion classes)

No of Fellows intake – 12-15

Selection criteria –

- i. Age -under 45 years of age can apply
- ii. Life member of IORA

- iii. Two years of clinical experience for Postgraduates in MS/DNB Orthopaedics (Preferred) . The candidate having this would have an upper hand in the selection process.

The surgeons who are meeting the above criteria will be intimated for the participation in the interview process . The fellows should have a previously demonstrated commitment in the subject.

Course curriculum

Sl. No	Exposure
1	Lucknow – 2 days training in basics of <ul style="list-style-type: none"> • Orthopedic rheumatological management (Medical & Surgical) • Research, analytics & paper writing. • Legal aspect orthopaedic rheumatology
2	Oral presentations and other assigned academic work in either ISCSG or IORA conference or both
3	To attend the workshops occurring any where in India
4	To complete the Publication work by Nov of that academic year and finally submitting the synopsis by Dec
5	Lucknow – Final two days exit event along with Viva, Practical, OSCE

Note:

1. It is mandatory for the fellows to attend the ISCSG/ IORA conference for oral presentation which is an integral part of Fellowship programme.
2. The fellows final/last contact would be to Lucknow for required academic work where he/she is expected to be in process of publishing an original or review article in indexed national or international journal.
3. At least 1 paper publication (acceptance of the paper in the concerned Journal by end of Sept of every academic year is mandatory for continuing the classes)
4. Fellows who fail to publish a scientific paper will not be awarded the fellowship and the fellowship will be withheld.
5. Fellows will be graduated during next IORA/ISCSG conference / Conclave
6. Attendance at all centers and completion of e-modules are mandatory for receiving the fellowship.
7. A score of 75% is expected for awarding the Fellowship
8. Fellows later can write in their resume Fellowship in Orthopaedic Rheumatology (FEIORA). But since it is not NMC fellowship so should not write in their letter heads /Name boards.
9. All contact will be onsite and online (e-modules will be given for enhanced outcomes)

The stay arrangements would be facilitated by IORA during this period of teaching in Chennai, Pune and Lucknow but payments will be borne by the fellows. The course fee does not cover travel, stay,

publication and conference expenses (*There would be a committee to resolve any difference of opinion, however in case of any dispute, decision of the Course head/Director would be final*) WE have a local tie up with a Hotel walking distance from the University campus here at Lucknow .

The opportunity of learning and interaction would be of immense value to boost the scientific knowledge among the fellows. The prescribed textbook for teaching would be the“ Textbook of Orthopaedic Rheumatology”.

Applications should be made stating

- a) Letter of Intent - *Why the candidate should be included in the fellowship program?*
(Min 200 words)
- b) Purpose – *How the fellowship will help the candidates' career plan?*
(Min 200 words)

List of documents needed with the application:

1. Brief CV
2. MCI/ NMC recognized Degree/ Certificates (MCI, Degree of MBBS and Higher Qualification)
3. Certificate of Bio Medical research done (If possible) .Candidate having this would be preferred for the fellowship .
4. Certificates of attendance – National & International Conference.
5. List of Publications done
6. Abstract ,Topic proposal for the research publication work which would be done during fellowship(submitting this will add on in the selection process of that individual) One can take the help of mentors who have already done the Fellowship in past years.

Applications may be sent by email to drmanishkhanna@gmail.com but once the application would reach by Post only then it is considered to have been received by us and will be placed in order from one to 15 and planned for the interview process. If more than 15 applicants are there then an online entrance test would be conducted at a selected date .

Closing Dates for submitting request is 30 th Oct 2023 . Online Interviews would be planned acc to application receiving (FIRST COME FIRST BASIS- BY POST by the Dec of every academic year) On line interview would be conducted by course director before finalizing the names of Fellows as the candidates for Fellowship . During time of interview if candidate can propose the research paper topic to written during fellowship then extra weightage would be given for the selection.

FEIORA Orthopaedic Rheumatology faculty

**Prof. Manish Khanna,
Prof S S Jha
Prof Dileep Mazumder
Prof Rajesh Gupta
Prof Alok C Agarwal
Prof Shantanu Lahkar**

Prof Vijay Jain
Prof Partha Sarkar
Prof Sanjay Keshkar
Mr Karthikeyan Iyengar (United kingdom)
Prof Chinmoy Das
Dr. Madhan Jeyaraman,
Dr Rameshwar Gupta
Dr Prince Paul
Dr Vishnu Senthil
Dr Shweta Agarwal
Dr Pankaj Jindal
Dr Partha Pratim Das
Dr Ajeet Tiwari
Dr T V Raja
Prof Vikas Trivedi
Dr. Girinivasan Chellamuthu

Research Methodology Faculty
Dr Anamika pandey

Law Faculty
Dr A K Pandey ,DR RMLNLU,LKO

Course Flow

- a. Induction – Lucknow
- b. Research Topic Allocation
- c. Online lectures
- d. Research Proposal submission
- e. IEC Approval
- f. Offline demonstration– Chennai,Pune
- g. Synopsis Submission
- h. Final Research Publication
- i. FEIORA Exit Exam – Lucknow

FEIORA

National Course Chief
Dr (Prof) Manish khanna MS
Orthopaedic Rheumatologic Surgeon & Regenerative Orthobiologist
Founder & Advisor ,IORA
Chair man & Founder President ,ISCSG
Chair, Educational Day Committee, SICOT
Editor IN Chief, International Journal Orthopaedic
Rheumatology ,IJOR & Text Book Of Orth Rheum

Syllabus for FEIORA

Module 1: Introduction

- 1.1 Introduction to Orthopaedic Rheumatology
- 1.2 Introduction to Regenerative Medicine
- 1.3 Introduction to Medico-legal aspects

Module 2: Rheumatoid arthritis

- 2.1 Rheumatoid arthritis – Pathology and Immunology
- 2.2 Clinical presentation and deformities of rheumatoid arthritis
- 2.3 Diagnosis and management of rheumatoid arthritis
- 2.4 Biological therapy in rheumatoid arthritis
- 2.5 Regenerative science in rheumatoid arthritis
- 2.6 Juvenile rheumatoid arthritis

Module 3: Seronegative spondyloarthropathies

- 3.1 Seronegative spondyloarthropathies
- 3.2 Ankylosing spondylitis
- 3.3 Surgical management in sero neg spondyloarthropathy
- 3.4 Regenerative science in seronegative spondyloarthropathies

Module 4: Cartilage, joint and bone disorders

- 4.1 Osteoarthritis – Pathology, diagnosis, management
- 4.2 Crystal deposition disease – Gout, Pseudogout, Alkaptonuria
- 4.3 Osteoporosis – Basics, diagnosis, management and recent advances
- 4.4 Periarthritis shoulder, variant arthropathies, Perthes disease

Module 5: Ortho Rheumatology Variants

- 5.1 Soft tissues tumors & tumor like lesions
- 5.2 Enthesopathies – Tennis elbow, Golfer's elbow, Tendinopathies (Patellar, Achilles and Supraspinatus), Plantar fasciitis, Interscapular fibrofasciitis, de Quervain's tenosynovitis
- 5.3 Bursitis
- 5.4 Trigger points
- 5.5 Myofascial pain syndrome
- 5.6 Fibromyalgia

Module 6: Wrist ,hand ,Foot Orthorheumatology

- 6.1 Rheumatoid wrist ,hand surgical correction
- 6.2 Carpal tunnel, arthritis of First Metacarpoph joint , various hand disorders
- 6.3 Rheumatoid Foot (including hallux) surgical corrections
- 6.4 Diabetic Foot

Module 7 : Medico-legal aspects

Module 8 : Research Methodology

- 9.1 Levels of Evidence
- 9.2 Study types and their methodologies
- 9.3 Critical appraisal of Evidence
- 9.4 Ethical Committee
- 9.5 International guidelines on methodology reporting

Module 9: Publication ethics

10.1 Code of research conduct

10.2 Authorship guidelines

10.3 Plagiarism

10.4 Citation techniques

10.5 Literature review techniques