



## **Institutional Fellowship in Hepatology**

### **Department of Hepatology**

#### **Sir HN Reliance Foundation Hospital and Research Centre, Mumbai**

#### **Introduction:**

Sir HN Reliance Foundation Hospital is a tertiary care centre with state of the art infrastructure and houses best technology and expertise in various fields of Medicine. The department of Hepatology at Sir H N Reliance Hospital and research centre has been established with the vision to be a centre of excellence in the field of Hepatology and liver transplantation. We run an active liver transplantation programme performing full spectrum of transplant surgeries. Apart from liver transplantation, we also focus on advanced hepatology, liver critical care, HCC care, Endohepatology and Palliative Hepatology.

This is an institutional fellowship course as detailed below:

#### **Course Director:**

Dr Akash Shukla  
Consultant and Director,  
Department of Hepatology

#### **Course faculty:**

Dr Amit Gupte, Consultant  
Dr Mrudul Dharod, Consultant  
Dr Mihir Vora, Consultant  
Dr Mayur Dave, Associate Consultant

#### **Eligibility:**

DM/DNB- Gastroenterology

**Application:** Eligible candidates may mail their Curriculum Vitae to: Dr Akash Shukla- [Akash5.Shukla@rfhospital.org](mailto:Akash5.Shukla@rfhospital.org) and Copy to Academics and Research department [rfh.academics@rfhospital.org](mailto:rfh.academics@rfhospital.org). HR department will do joining process post Programme director

and Academic department approvals.

**Duration of the course:** 1 year.

**Annual Intake:** 2 candidates annually.

**Fees:** A non-refundable fee of Rs 20000/- is payable at the beginning of the course

**Stipend:** A fixed sum of Rs 1.25 lakh will be given per month.

**Accommodation:** Accommodation will not be provided.

### **Course content**

Since the students are trained with the aim of practicing as independent hepatologists, this course content will be merely a guideline. They have to manage all types of cases and situations and seek and provide consultation. The emphasis shall therefore be more on the practical management of the problem of the individual cases and the community within the available

Resources.

1. Applied basic sciences knowledge relevant to the field of Hepatology
2. Investigative techniques, selection and interpretation of results
3. Pathogenesis of liver diseases.
4. Nutrition in liver diseases
5. Diagnosis and management of diseases of the liver
6. Systemic diseases with liver involvement
7. Acute and chronic liver diseases due to congenital causes, alcohol, viruses, metabolic problems, toxins and drugs
8. Acute Liver Failure and Acute on Chronic Liver Failure (diagnosis & management)
9. Principles and practice of, diagnostic and therapeutic endoscopy (upper GI, Colonoscopy, Capsule endoscopy,

variceal band ligation, glue injection, Argon Plasma Coagulation)

10. Liver transplantation
11. Recent advances in Hepatology
12. Biostatistics & clinical epidemiology
13. Preventive Hepatology
14. Management of emergencies like upper GI bleed, hepatic encephalopathy and cholangitis, spontaneous bacterial peritonitis and hepatorenal syndrome.
15. Liver biopsies including percutaneous and transjugular liver biopsies and hemodynamic monitoring
16. Metabolic liver diseases
17. Pediatric liver diseases

### **Teaching/ Learning Methods and Activities**

Throughout the course of training the emphasis shall be on acquiring knowledge, skill and attitudes through first hand experiences as far as possible.

The emphasis will be on self-learning rather than on didactic lectures.

The entire period shall be 'in service' training programme based on the concept of 'learn as you work' principle.

The teaching learning activities would consist of -

Participating in rounds - patient management

1. Presentation of cases to the faculty with discussion
2. Preparation and presentation of fellow lectures on allotted topics
3. Journal clubs
4. Clinic pathological exercise by rotation.

However to reinforce the learning the following methods shall be used to acquire knowledge, skills and attitudes.

1. Lectures prepared and presented by students under supervision.
2. Seminars, symposia, panel discussion of suitable topics, moderated by teachers.
3. Journal clubs moderated by teachers

4. Clinicopathological conferences.
5. Medical audit/fatality case discussion, meetings.
6. Inter-departmental meetings/discussions of interesting cases
7. Preparation and presentation of publication
8. Patient care work in OPD and wards

The students shall be provided facilities to manage cases of higher and greater complexity by allowing them graded responsibility as the course progresses. Each fellow would have an opportunity to present at least 5 lectures in a year and 10 journal clubs in a year in addition to about 20 cases during the clinical meetings. They shall also be allowed to perform procedures under supervision and /or delegated authority depending on the experience and proficiency gained. The Heads of units and other consultants guide shall be in charge of the supervision and delegation of authority and responsibility to work.

**Exit criteria/Programme Completion Criteria & Certificate award:**

1. Submission of Training logbook to Academic departments after Programme director signature.
  - Teaching topics/classes attended, topic of Presentation attended/ given/, list of trials in which delegated responsibility, conference, publication etc. details), with supporting documents.
  - Exit interview/Exam with the faculty and submission of Result to Academic department.
  - HR department will do candidate/fellow exit process after completion of the fellowship.
  - Successful completion merits the fellow with an Institutional certificate and a work experience letter from Academic department.