

**Internship
at
Narayana Multispeciality Hospital,
Jaipur**

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The logo for IIHMR University, featuring the letters 'i' and 'H' in a stylized font, followed by 'IIHMR' in a large, bold, serif font, and 'UNIVERSITY' in a smaller, bold, sans-serif font to the right.
**The IIHMR University, Jaipur
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INTERNSHIP REPORT

INTRODUCTION TO HOSPITAL

ABOUT NARAYANA HRUDAYALAYA HOSPITAL GROUP

Narayana Hrudayalaya has now, without a shadow of doubt been, the spark that has radically changed the scenario of accessibility, pricing and state of the art healthcare in India. Originally, Dr Devi Shetty's radical new concept, which started with the Spartan Narayana Hrudayalaya heart hospital Bangalore in the year 2001, we are now a truly global healthcare provider .Our current facilities allow 32 Hospitals, 6600 beds,20 Cities , 15000 Employees , 1800 Doctors and we positively look at being able to equip and service 30000 beds by 2018

Dr Devi Shetty has over the past three decades re affirmed his commitment to 'An equitable distribution of world class healthcare for the masses at an affordable cost'. Our group's firm belief in its core values and mission statement helps reinforce our everlasting commitment to the people of Rajasthan. Narayana Hrudayalaya Jaipur will bring this very same revolutionary concept to the state and its people with the promise of an affordable one-stop health-solution.

ABOUT NARAYANA HRUDAYALAYA HOSPITAL, JAIPUR

We are located on Hrudayalaya Avenue, off Kumbha marg at Pratapnagar in New Sanganer, Jaipur. This sprawling 6.7 acre campus has its commitment for all to view as you arrive at the campus, in a multi-faith place of worship .It reaffirms our commitment to society, with no distinction in classes, religion or faith. This is a 'Temple of healing 'and that sentiment echoes throughout a patient's experience at NH hospital.

You see a hospital that is functional with a capacity of 400 beds that includes tertiary intensive care beds with additional intermediate care areas and wards. We offer centers of excellence that have a unique multidimensional approach to patient care - The Heart centre, The center for Bone, Joint and Spine, The division of Renal sciences and Transplant Urology ,The Advanced center for Minimal Access surgeries and the Maternity and Child unit to name a few.

Ensuring quality medical treatment at Narayana Hrudayalaya Hospital Jaipur, are the most comprehensive facilities available in Rajasthan which includes a 64 slice CT scan machine, 1.5 tesla MRI, Nuclear medicine, touch screen monitors, world class dialysis facility , and a flat panel Cath lab, to name a few.

The idea is to bring together our group's vision, its eclectic view of healthcare for the common person and the expertise of multi-disciplinary specialties whose brief description as follows:

➤ **CARDIOLOGY AND CARDIAC SURGERY**

Narayana Hrudayalaya Hospital, Jaipur has put together a team of experts for achieving excellence in cardiac treatment .The cardiac operation theatre is equipped for cardiac bypass and off pump beating heart surgery, exclusive cardiac surgical ICU recovery, new top of the line cath lab and a advanced heart command centre with latest monitoring system which provides comprehensive invasive and non invasive services by highly trained and skilled medical and para-medical staff.

➤ **NEUROSCIENCES**

The Department of Neurosciences at Narayana Hrudayalaya Hospital, Jaipur offers evaluation and care of patients with Stroke, Backache, Spinal disorders, Neuro Oncology, Epilepsy, Facial Pain and Headache etc in specialty clinics. The Hospital offers state-of-the-art surgical facilities for Microscopic Neurosurgery as well.

The department is backed by most advanced Neuro-Imaging for accurate diagnosis like 64 Slice CT Scan & Magnetic Resonance Imaging.(MRI) and treatment of most Neurological disorders, and Electrophysiological tests.

➤ **NEPHROLOGY AND UROLOGY**

At our dedicated Nephrology unit, there is a dialysis centre equipped with state-of-the art dialysis machines and a dedicated RO (reverse osmosis) water plant. Acute & chronic renal failure cases would be accepted. Two CRRT machines would be available to enhance the dialysis repertoire.

➤ **GASTROENTEROLOGY**

The specialized teams of doctors conduct advanced treatment for disorders of the liver, biliary tract, pancreas, and other GI endoscopy and ERCP, sclerotherapy, banding, stenting polypectomy, and so on. Bariatric surgery would also be undertaken.

➤ **ORTHOPAEDICS AND JOINT REPLACEMENT**

The Narayana Hrudayalaya Hospital is fully equipped for joint replacement surgery (knee, hip, ankle and shoulder). Two dedicated Operation Theatres of International level where high-end procedures and minimally invasive surgeries (arthroscopy) are performed. They are equipped with-

- Laminar flow systems
- State of the art implants
- Infection free post operative care
- State of Art Physiotherapy & rehabilitation Centre

➤ **TRAUMA CARE AND EMERGENCY SERVICES**

The Narayana Hrudayalaya Hospital, Jaipur has well-equipped seven bedded triage and an emergency Operation Theatre supported by ICU where Critically ill and polytrauma patients are attended in an integrated manner and supported round the clock by team of physician, Radiologist, Anesthesiologist, General ,Orthopedic and Neurosurgeon and specially trained nursing staff.

The Hospital has Code Blue team comprises a team of a emergency Physician, Cardiologist, Anesthetist and a Nurse who responds to all such Emergencies.

The distance between emergency –Triage- Operation Theatre- Cath lab has been kept minimal for the speedy approach of facilities and medical staff.

➤ **CRITICAL CARE**

The patients who require acute advanced care are taken to Critical Care unit which does round the clock observation. The Critical Care Unit facilitates:-

- Forty Three bedded Critical care unit with nurse to patient ratio of 1:1 having advanced ventilators and monitoring systems.
- International Protocols of Nursing care
- Bedside arterial blood gas analysis & Imaging i.e. X-ray, ultrasonography, echocardiography, peripheral Doppler
- Bedside Haemodialysis, endoscopy and bronchoscopy.
- Microprocessor controlled capable of providing ventilatory support to adults and children

➤ **MOTHER AND CHILD CARE**

The Narayana Hrudayalaya Hospital provides ideal set-up both for mother and child alike. A dedicated LDR complements the other labour rooms and state-of -the -art foetal monitoring system for complete safety of both mother and child are available. Laparoscopic as well as other gynecological surgeries are undertaken. The labour rooms can well facilitate all emergency cases round the clock. For Child health care the hospital is equipped with:

- Level 3 neonatal intensive care facilities for babies
- Implementation of clinical contemporary protocols of resuscitation at birth,
- Timely immunization, feeding advice and health ante-natal & post natal checkups.
- Special clinics for asthma, epilepsy, adolescent health, child psychology and high-risk newborns.

At **NARAYANA HRUDAYALAYA HOSPITAL**, we offer pain free delivery for first time in Rajasthan by a team of highly experienced staff.

➤ **PULMONARY MEDICINE**

The centre offers an integrated approach for the treatment and management of Pulmonary diseases as well as respiratory problems. Procedures like broncho-alveolar lavage, brush cytology, bronchial / transbronchial biopsy, needle aspiration cytology and interventional bronchoscopy are performed.

➤ **BURNS, PLASTIC SURGERY, COSMETIC & RECONSTRUCTIVE SURGERY**

Specialized corrective procedures for congenital anomalies, facial injuries, scars and reconstructive work are undertaken. Treatment for acute burns and related post burn corrective procedures are performed by highly experienced doctors.

➤ **INTERNAL MEDICINE**

Protocols for evidence-based medicine are followed in the treatment of general medical disorders including infections, degenerative and metabolic disorders and clinical immunology etc.

➤ **DIABETES & ENDOCRINOLOGY**

With the change in lifestyles, advanced therapeutic modalities for complicated disorders of thyroid, pituitary and other metabolic diseases like diabetes, hormonal and growth disorders are thoroughly investigated here.

- Adult & Childhood Diabetes
- Adult and Childhood Obesity
- Metabolic and Lipid disorders
- Thyroid disorders

➤ **PHYSIOTHERAPY & REHABILITATION CENTRE**

Chest Physiotherapy (CTVS) and rehabilitation for joint diseases, stroke, backache, trauma and so on is provided by well trained staff and facilitated by latest gadget

➤ **NUTRITION**

Professionally managed Dietetics Department supervise all meals with special emphasis on disease specific menu, and Nutritional requirements.

➤ **PREVENTIVE HEALTH CHECK UNIT**

Well designed comprehensive and preventive health packages for executives as well as for general population, including an array of blood tests, X-rays, Ultrasound, TMT, ECG, Pulmonary Function test, Echocardiography, Eye and Dental check up.

➤ **RADIO DIAGNOSIS AND IMAGING**

The Narayana Hrudayalaya Hospital Jaipur is equipped with,

- Highly advanced 64 slice CT scan machine
- 1.5 tesla MRI machine.
- 500 MA X ray machines

"The World Class Dialysis Program supported by ARCS, USA, enhances the delivery with reducing variability in delivery of care for patients undergoing Dialysis."

Sonography unit caters for multifaceted services for abdomen, small part and Obstetric mapping round the clock. Equipment consists of colour & power Doppler and interventional ultrasound.

➤ **PATHOLOGY & MICROBIOLOGY**

Pathology services include biochemistry, microbiology and histopathology & Range of tests offered exceeds 3000 from routine to rare ones. It strictly follows the protocols of the college of American Pathologists (CAP). The result is cutting edge accuracy and speed in investigation, enabled by the high-tech procedures and state of the art equipment.

➤ COMFORT, SAFETY AND SUPPORTIVE CARE

Total environment control with proper treatment of air and water, well-provided waiting space, sophisticated and well stocked pharmacy and facilities for communication and refreshment enhance patient comfort.

The hospital is networked for global connectivity and supported by state-of-the –art medical gas system, central sterile supply, laundry and full backup power generation.

➤ SOLAR WATER HEATER SYSTEM

Renewable energy systems are our most effective strategy for preventing air, water and land pollution. They also help our economy and national security by reducing our huge dependency on imported fossil fuels. Thus, to help preserve our natural supplies and decrease air pollution locally, the hospital has implanted solar water heater system in its infrastructure which would conserve not only electricity but also natural resources.

➤ SUPPORT SERVICES

- 24 Hour Chemist shop
- Patient attendant rest areas
- 24 hour Multi-cuisine Cafeteria

Some call Narayana Hrudayalaya a temple, Some chose to call it the abode of saints who heal. To some, it's a last chance of survival. But to no one, is this just a hospital. In its genre, Narayana Hrudayalaya, Bangalore may well be one of the biggest hospitals in the world, but the fact that it's one of the biggest hospitals, with a heart, is becoming legendary. It is intended to replicate this concept in Jaipur.

Values & Beliefs:

iCARE

I- Innovation & Efficiency

C- Compassionate care

A- Accountability

R- Respect for All

E- Excellence as a culture

Quality Policy:

- Deliver world class patient care through medical excellence.
- Create a patient-centric environment:
- Ensure high standards and safety of treatment during the patient's stay
- Continuous Quality Improvement through implementation of robust clinical and non-clinical process and protocols
- Having world-class infrastructure and cutting edge technology utilized by highly skilled employees.
- Complying with statutory regulations

Service Standards:

- Courteous
- Attentive
- Compassionate service
- Teamwork
- Safe

