

Internship at
Indian Spinal Injury Centre, Delhi

By

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1.0 Introduction to Indian Spinal Injury Centre(New Delhi)

Indian Spinal Injuries Centre is the most advanced Spine, Orthopedic and Neuromuscular Surgical centre in India with the latest state of the art diagnostics and surgical equipment and a highly-qualified team of specialists recognized internationally who have been trained in leading institutes of India and abroad. Indian Spinal Injuries center (ISIC) is a 178 bedded tertiary care hospital primarily involved in spine and orthopedics care. ISIC Operation Theater (ISIC-OT) handle around 5500 surgical cases per year across five Operation theater.

It has spread over 15 acres of land with a covered building area of 20,000 square meters. It is situated Vasant kunj, New Delhi around 3 kms from airport. In the vicinity there are two more hospitals, Flt. Lieutenant Rajan Dhal Fortis Hospital and Institute of Liver and Biliary Centre. The hospital has 178 beds where 20% of the beds are free for poor patients. It has state of the art intensive care units, and five modular operation theaters backed by latest diagnostic and treatment facilities, 24-hour ambulance and emergency facilities. It has 720 employees on its pay roll. It caters as tertiary level referral Centre for all the spinal and orthopedic ailments for Northern India.

Indian Spinal Injuries Centre provides state of the art facilities for the management of all types of spinal ailments. It has a team of dedicated, internationally trained & acclaimed spine surgeons providing cutting edge medical & surgical technology. The spine service provides comprehensive management of spinal injury, back pain, spinal deformities, tumors, osteoporosis etc. Motion preserving spine surgeries including disc replacement & dynamic fixation, minimally invasive spine surgery including endoscopic disc excision, minimally invasive pedicle screw fixation & decompression, percutaneous kyphoplasty, thoracoscopic / laproscopic fusion & advanced pain & spasticity management techniques like intrathecal baclofen pump implantation are some of the cutting edge surgical technologies practiced at the centre.

The orthopedic service covers all orthopedic ailments including trauma, joint diseases & replacements, oncology, pediatric orthopedics & upper limb ailments. The teams of orthopedic surgeons are trained into each sub specialty thus there is an expert available for each type of orthopedic ailment. The combination of good medical management (including care by a rheumatologist where required), state of the art surgical management & world class rehabilitation ensure an optimum outcome.

The hospital has planned to strengthen its basic research facilities. An animal lab and a separate research wing are in the process of being commissioned. The hospital is working with colleagues in Germany to set up a Bio-mechanical testing Laboratory. In addition, the hospital hopes to consolidate on provision of super specialty service in the field of *Spine Surgery, Orthopedics, Rheumatology, Neurosciences, Rehabilitation, Urology, and Plastic Surgery*.

The rehabilitation department is considered to be a vital core element of the hospital with one of the largest teams of therapists, trained in some of the best institutes of India and abroad. It offers complete facilities of physiotherapy, occupational therapy which provides guidance for patients to lead a productive, self-reliant life followed by vocational training which offers the spinal cord injury (SCI) patients with a new hope and confidence of running their households in a specific vocational area.

ISIC is much more than a hospital, it is also considered a training institute and teaching hospital affiliated to a leading university of the country. One the most coveted courses include Masters of Prosthetics and Orthotics among many with the provision of on the job training thus, attracting students from all over the nation. ISIC can most humbly also boast of providing a two-year fellowship in Spine surgery being one of the three centres in India hence, accelerating the country forward in the field of medical education and research.

Indian Spinal Injuries Centre, aim is to restore hope and joy in the heart of every patient with unrelenting attention to clinical excellence, patient safety and an unparalleled dedication to assure exemplary physical, emotional and spiritual care.

Vision of Indian Spinal Injuries Centre

- To strive to become the first choice as a spinal and orthopedic healthcare provider in New Delhi.
- To foster a culture of education in all of our activities and supporting exemplary health sciences research and development in an environment which is both ethical and respectful of others
- Utmost dedication to providing quality, value driven health care to all we serve through education, outreach, and other innovative services in spine and other spinal ailments.
- To strengthen our relationships through affiliation with renowned institutions of higher learning; offering technological advances and modern facilities.
- To reach the lives of thousands of newly spinal injured every year by providing medical excellence through both scientific expertise and compassionate therapy.

Core Values and Commitments

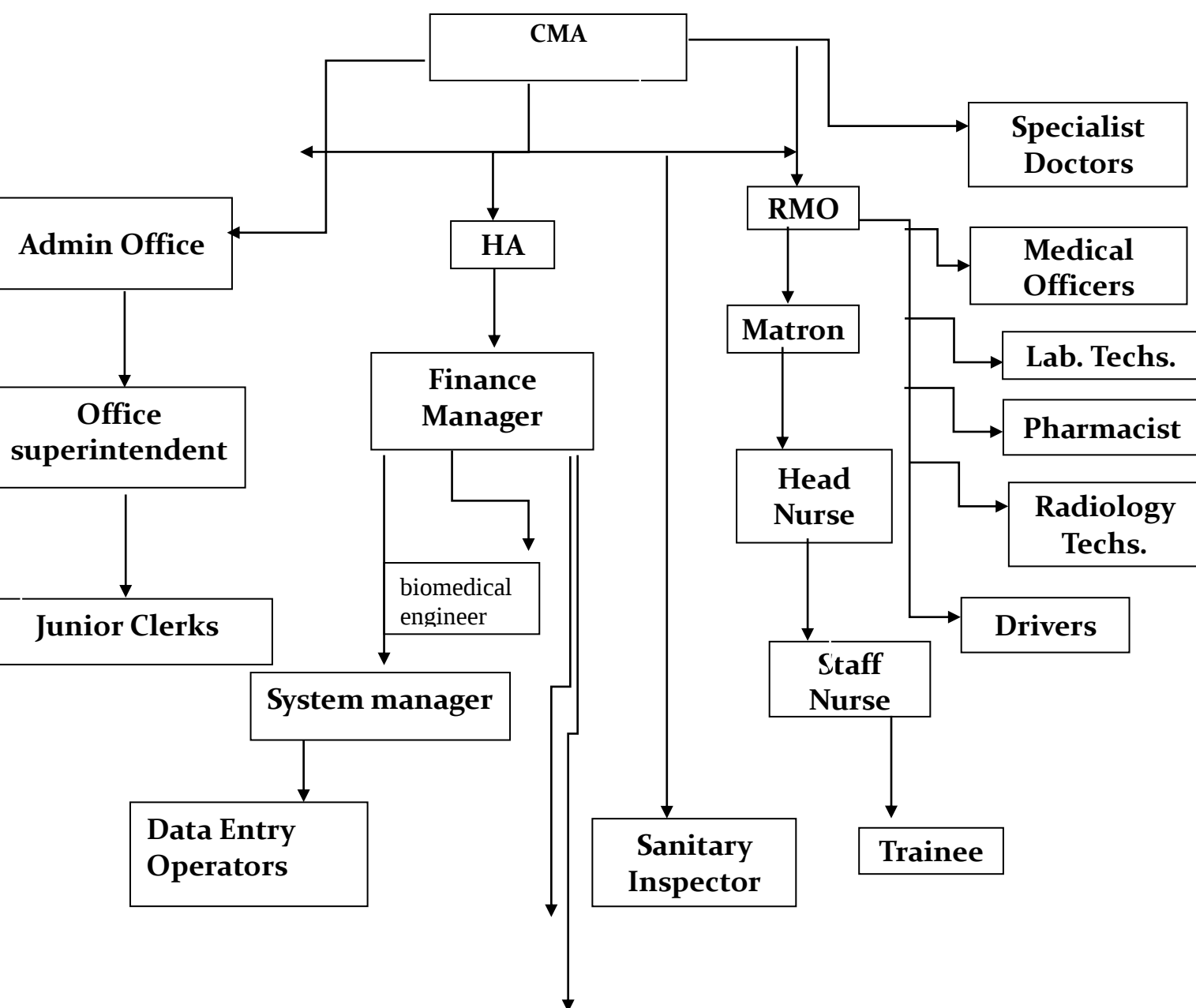
- To strive to bring awareness in the field of disability and lobby with policy makers to introduce suitable legislation for prevention of disability and enforcement of the equal opportunity bill.
- Continue to put strong emphasis on man power development through education programs with a focus on graduate and post-graduate courses in Rehabilitation Sciences.

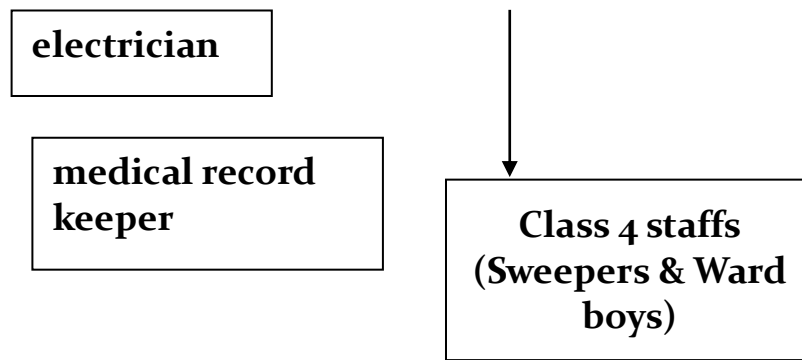
Facilities available at Indian Spinal Injuries Centre

1. Spinal Disorders & Surgery
2. Orthopedics
3. Alternative Medicine
4. Anesthesia
5. Cardiac services (in collaboration with Saroj Hospital)
6. Chest & Respiratory Medicine
7. Dental
8. Dermatology
9. Emergency and Trauma (24*7)
10. ENT (Ear/Nose/Throat)
11. Executive Health Check Up
12. Foot Care Clinic (Podiatry)
13. Gastroenterology
14. Gynaecology
15. Internal Medicine
16. Joint Disease Services (Rheumatology)
17. Neurology
18. Neurosurgery
19. Nephrology & Dialysis
20. Ophthalmology
21. Paediatrics (OPD)
22. Pain Clinic
23. Plastic Surgery
24. Psychiatry
25. Psychology & Stress Management
26. Pharmacy (24 Hours)
27. Rehabilitation
28. Radiology & Imaging Services
29. Surgery
30. Speech Therapy

Organogram

Organogram





Committees in Hospital

