

# ROBOTIC SURGERY TRAINING PROGRAMME

**International Accreditation by :**

WORLD ASSOCIATION OF LAPAROSCOPIC SURGEONS (WALS)

INTERNATIONAL COLLEGE OF ROBOTIC SURGEONS (ICRS)

INTERNATIONAL ACCREDITATION ORGANIZATION (IAO)



**International College of  
Robotic Surgeons**



**World Association of  
Laparoscopic Surgeons**



**International Accreditation  
Organization**

**CYBER CITY, DLF PHASE-II, GURUGRAM, INDIA**

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**E-mail: [admission@laparoscopyhospital.com](mailto:admission@laparoscopyhospital.com) | [www.laparoscopyhospital.com](http://www.laparoscopyhospital.com)**



**Dr. R.K. Mishra**  
MBBS, MS, MRCS, Dip. LAP  
FICRS, FIMSA

## COURSE DIRECTOR :

- Chairman, World Laparoscopy Hospital, Gurgaon, India
- First University Qualified Master Minimal Access Surgeon of India (M.MAS)
- Editor in Chief, World Journal of Laparoscopic Surgery (WJOLS)
- General Secretary, World Association of Laparoscopic Surgeon (WALS)
- General Secretary, International College of Robotic Surgeons (ICRS)
- Member, European Association for Endoscopic Surgery (EAES)
- Member, European Association for Transluminal Surgery (EATS)
- Member, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
- Member, Society of Laparoendoscopic Surgeons (SLS)
- Member, Society of Robotic Surgery (SRS)
- Member, Clinical Robotic Surgery Association (CRSA)
- Fellow of International Medical Sciences Academy (IMSA)
- Member, Indian Association of Gastrointestinal Endosurgeons (IAGES)
- Member, Association of Surgeons of India (ASI)
- Member, Indian Medical Association (IMA)



**Dr. R. K. Mishra** is among the select few to have been awarded the Master in Minimal Access Surgery degree by Sir James Whyte Black, Nobel Laureate in Medicine (1988), and one of the most esteemed Chancellors in the history of the University of Dundee, United Kingdom. After excelling in laparoscopic surgery, Dr. Mishra further honed his expertise in robotic surgery at Harvard Medical School, Boston, USA. Upon returning to India in 2001, he joined Indraprastha Apollo Hospital, New Delhi. Recognizing the commercialization of inadequately structured laparoscopic training programs—often limited to just 2 to 4 days and driven by the laparoscopic instrument industry—he identified a critical gap in quality education. As the first qualified Master in Minimal Access Surgery, Dr. Mishra took the initiative to establish comprehensive, high-standard training programs in Minimal Access Surgery, ensuring that surgeons receive in-depth, skill-focused education in the field.

**Dr. R. K. Mishra's** approach to laparoscopic training is unparalleled worldwide, earning recognition from leading international organizations in minimal access surgery. His vision demonstrated that high-quality, hands-on laparoscopic training for both young and practicing surgeons is achievable when like-minded professionals collaborate toward a common goal. Dr. Mishra firmly believes that to build a strong community of skilled Minimal Access Surgeons, training must begin early in their careers. His unwavering dedication to surgical education has established World Laparoscopy Hospital as a globally recognized center of excellence in minimal access surgery.

**Dr. R. K. Mishra** is a distinguished professor of laparoscopic and robotic surgery with over two decades of experience in the field. He has trained more than 11,000 surgeons and gynecologists from over 108 countries, making significant contributions to the advancement of minimally invasive surgical techniques. Dr. Mishra's expertise extends to both laparoscopic and da Vinci robotic surgery, and he has played a pivotal role in the development of specialized university programs. His initiative in establishing a unique academic curriculum began at Ninewells Hospital and Medical School, UK, in collaboration with Professor Sir Alfred Cuschieri. He holds a Diploma in Laparoscopic Surgery from the University of Strasbourg, France, and a Master's degree in Minimal Access Surgery (M.MAS) from the University of Dundee, United Kingdom. During his tenure in the UK, Dr. Mishra pioneered the optimum shadow-casting illumination technique, significantly enhancing task performance in laparoscopic surgery. His groundbreaking research in this area is now utilized by eleven laparoscopic instrument manufacturers to develop ideal shadow-casting telescopes. This innovative work was published in the Archives of Surgery, further cementing his contributions to the field of minimally invasive surgery.

# Fellowship of International College of Robotic Surgeons (FICRS)

University Recognized Robotic Surgery Fellowship Recognized by World Association of Laparoscopic Surgeons and International College of Robotic Surgeons

Hands On Course on da Vinci® Surgical System

**ROBOTIC TRAINING** is (Four days intensive training).

**Course Fee:** Rs 1,75,000 only for Indian Doctors and 3,500 USD for Overseas Doctors (Including Study Material, Working Lunch, Lab Expenses, OT Dress and Local Transport). Candidate should pay the registration fee 5000 rupees at the time of application of course remaining fee of the course on the first day at the time of joining the course.

## Course Objectives

To understand the fundamental principles used in robotic-assisted laparoscopic reconstructive and extirpative procedures

- To become familiar with the function and operation of the da Vinci® Surgical System.?
- To become familiar with the ergonomics of the da Vinci® Surgical System robot & the available robotic instrumentation.
- To understand the selection process for patient position, surgical team position and surgical approaches.
- To become familiar with the technique of robotic-assisted intracorporeal suturing and knot tying.?
- To learn "tricks of the trade" to make laparoscopic reconstructive procedures more efficient without much complication.



For surgeons who have also previously trained on da Vinci®, and would like to work on their technique, we offer a procedure refinement course on a porcine model. We also offer an advanced Gynecology Urologic, Kidney, and General surgery Super Users Course for advancing your technique. This course includes didactics, and a live procedure.

## Overview

All participants will be trained in the following:

- How to do proper operative room setup. How to do patient preparation and positioning. ?
- Fundamentals of da Vinci® Surgical
- System components & instrumentation. Training of intra-corporeal suturing and knot tying.
- Learn micro dissection by robot.
- Learn "tricks of the trade" tips for efficient surgery.



# COURSE AGENDA OF FICRS

## Day One

9:30am - 9:45 am

Registration  
Program overview/objectives of Robotic Training

10:00am - 1:00 pm

Introduction of Robotic Surgery its Advantage and Disadvantage, Patient selection, Indication and Contraindication.

1:00pm - 1:30 pm

Lunch

1:30pm - 3:30 pm

Ergonomics, optical 3 D HD designing & Working Principles of Robotic Remote Sensor Technology, and Docking of the Canula with the Robotic Arm of da Vinci® Surgical System. Insertion and change of the instruments. Baseball Diamond Concept of Port Position used in Robotic Surgery and Docking Principle of da Vinci Robot for various surgery

3:30pm - 5:00pm

Hands on to Basic Practical Robotic

## Day Two

10:00am - 1:00 pm

Hands-On practice of Intracorporeal Robotic Surgeons Knot on da Vinci Robot

1:00pm - 1:45 pm

Lunch

1:45pm - 5:00 pm

Hands-On practice of Intracorporeal Robotic Surgeons Knot on da Vinci Robot

## Day Three

10:00am - 1:00pm

Hands-On Live Surgery Practice for Surgeons and Gynecologists according to specialty of Surgeon, Gynecologist, Urologist and Cardiothoracic Surgeon

10:00am - 1:00 pm

Hands-On practice of Intracorporeal Robotic Tumble Square Knot on da Vinci Robot

1:00pm - 1:45 pm

Lunch

1:45pm - 5:00 pm

Hands-On Live Surgery Practice for Surgeons and Gynecologists according to specialty of Surgeon, Gynecologist, Urologist and Cardiothoracic Surgeon

1:45pm - 5:00 pm

Hands-On practice of Intracorporeal Robotic Tumble Square Knot on da Vinci Robot

## Day Four

10:00am - 11:00 am

Fellowship Examination and Discussion of Paper. Software Demonstration of Davinci Robotic Surgery

10:00am - 1:00 pm

Hands-On Live Surgery Practice for Surgeons and Gynecologists according to specialty of Surgeon, Gynecologist, Urologist and Cardiothoracic Surgeon

10:00pm - 1:00 pm

Hands-On practice of Intracorporeal Robotic Dundee Jamming Knot with continuous suture and Aberdeen Termination Knot on da Vinci Robot

1:00pm - 2:00 pm

Lunch

2:00pm - 2:30 pm

Farewell Lunch and Certification of Fellowship of International College of Robotic Surgeons

2:30pm - 5:00 pm

Hands-On Live Surgery Practice for Surgeons and Gynecologists according to specialty of Surgeon, Gynecologist, Urologist and Cardiothoracic Surgeon

2:30pm - 5:00 pm

Hands-On practice of Intracorporeal Robotic Dundee Jamming Knot with continuous suture and Aberdeen Termination Knot on da Vinci Robot

## Award of FICRS

During the programme of da Vinci® Surgical System training, trainees will be evaluated from staffs of the Government Recognised University concerning working ability and MCQ test. At the end of the programme, they will receive a certificate of FICRS.

# DEDICATED ROBOTIC OPERATIONAL THEATRE

## Operative Procedures Covered in Robotic Surgery Training at World Laparoscopy Hospital

### For Urologist:

Prostaectomy, Nephrectomy, Partial nephrectomy, Pyeloplasty, Cystectomy, Donor nephrectomy, Ureterolithotomy, Pelvic lymphadenectomy, Adrenalectomy, Cystocele repair, Excision of renal cyst, Lymphadenectomy, Testicular resection, Renal cyst decortication, Ureteral transplant, Nephropexy, Ureterectomy, Rectocele repair, Varicocele, Ureteroplasty, Ureteral implantation, Vasovasostomy

### For General Surgeon:

Gastric Bypass, Nissen/Toupet Fundoplication, Heller Myotomy, Gastrectomy, Coln Resection, Thyroidectomy, Arteriovenous FistulaS, Pancreatectomy, Adrenalectomy, Hemi-Colectomy, Sigmoidectomy, Splenectomy, Pyloroplasty, Gastroplasty, Appendectomy, Intra-rectal Surgery, Bowel Resection, Lumbar Sympathectomy, Liver Resection, Cholecystectomy, Hernia Repair

### For Gynecologist:

Hysterectomy, Myomectomy, Sacrocolpopexy, Pelvic lymphadenectomy, Tubal reanastomosis, Vaginal prolapse repair, Dermoid cyst, Endometrial ablation, Oophorocystectomy, Oophorectomy, Ovarian cystectomy, Ovarian transposition, Salpingectomy, Salpingo-Oophorectomy, Colposuspension (Burch), Tubal ligation, Tuboplasty

### For Cardiotharacic Surgeon:

Mitral Valve Repair & Replacement, Single Vessel Beating Heart Bypass, Multi-Vessel Beating Heart Bypass, Single Vessel Arrested Bypass, Multi-Vessel Arrested Heart Bypass, IMA Harvesting, Coronary Anastomosis, Atrial Septum Aneurysm, Atrial Septal Defect Repair, Tricuspid Valve Repair, Thrombectomy, Thymectomy, Esophagectomy, Pericardial Window, Lobectomy, Pneumonectomy, Pacemaker Lead Implantation, Mediastinal Resection, Pulmonary Wedge Resection



# REGISTRATION AND PAYMENT

## PAYMENT OPTIONS

(1) **PAYMENT BY CREDIT CARD in [laparoscopyhospital.com](http://laparoscopyhospital.com)**

Our Payment Gateway is on secured server has 128 bit security and CVM verification of card account.

Verified by Visa and Master Card Secure Code security. All major credit cards processed.

(2) **BY PAYMENT DRAFT**

DRAFT SHOULD BE IN FAVOUR OF "LAPAROSCOPY HOSPITAL" PAYABLE AT "GURGAON" AC/NO: 066010200013217, AXIS BANK, UDYOG VIHAR BRANCH, GURGAON

(3) **PAYMENT BY WIRE TRANSFER**

WIRE TRANSFER SHOULD BE IN FAVOUR OF "LAPAROSCOPY HOSPITAL" PAYABLE AT "GURGAON" AC/NO: 066010200013217, AXIS BANK, UDYOG VIHAR BRANCH, GURGAON

IFSC CODE: UTIB0001527 (USED FOR RTGS AND NEFT TRANSACTIONS), BRANCH CODE: LAST SIX CHARACTERS OF IFSC CODE REPRESENT BRANCH CODE. MICR CODE: 110211106

**ADDRESS OF BANK:**

GROUND FLOOR, ENKAY TOWER, VANIJYA NIKUNJ, UDYOG VIHAR PHASE -5,  
NH-8, GURGAON - 122016, HARYANA, INDIA

CONTACT NUMBER OF BANK: +91-99998 64448

(4) **PAYMENT BY GOOGLE PAY / UPI**

(5) **PAYMENT BY PAYPAL**

(6) **PAYMENT BY WESTERN UNION MONEY TRANSFER** IN SOME OF THE COUNTRY THE CREDIT CARD AND WIRE TRANSFER FACILITY IS NOT THERE. IN

THIS CASE YOU CAN SEND THE INITIAL ADMISSION FEE BY WESTERN UNION MONEY TRANSFER

([www.westernunion.com/globalportal.asp](http://www.westernunion.com/globalportal.asp)).

PLEASE SEND BY THE NAME OF "SADHANA MISHRA" IF YOU ARE USING WESTERN UNION

# ACCOMMODATION IN PACIFIC HOTEL

For pleasant memorable stay of trainee doctors we have hostel accommodation available at very nominal cost. Gurgaon is one of the most expensive cities in India. Finding the right accommodation is very important for international doctors who come for "Hands On" Laparoscopic Training. Keeping the comfort and security of doctors in mind we have subsidized Doctor's Hostel. It is 3 Star facilities where you will feel valued and cared from the moment you arrive even alone or with your spouse or family. Please note that accommodation is reserved on first come first served basis and it is advised to reserve your room prior to arrival.

Tariff: 30 US Dollar/day or 2200 Rupees/day  
(including breakfast)

Address : Sector -15, Part –II, Gurgaon 122001.  
NCR Delhi, India.

Family Suite Room Available



## FACILITIES

- ❖ Dedicated for Doctors of World Laparoscopy Hospital
- ❖ Free Morning Tea, Breakfast and News Paper in room
- ❖ 24 hours In-Room Dining is an experience within the comfort and convenience of the guest room or suite
- ❖ Special Female waitress to attend female doctors and doctors who come with family
- ❖ Certified Islamic Halal Food is also available for Muslim Doctors
- ❖ Air-conditioning with individual temperature control
- ❖ Guest Lift to all floor including banquet and Restaurant
- ❖ Wooden flooring furnished with sofas
- ❖ Electronic safe and door locks
- ❖ Cupboard, luggage stand and attached changing room
- ❖ Dial telephone international call facility
- ❖ Executive work desk and study table
- ❖ 32" LCD HD TV
- ❖ 24 hour Hi-speed Wi-Fi internet access
- ❖ Well stocked mini-bar with freeze
- ❖ Tea/coffee maker
- ❖ Hair dryer
- ❖ Mineral water replenished on a daily basis
- ❖ Premium boutique toiletries and Deluxe
- ❖ Washroom with 24 hour hot and cold water
- ❖ Super Deluxe rooms are spacious with king size bed or twin beds
- ❖ Suite has two rooms with an area of 635 Sq. Ft. with balconies, drawing room.
- ❖ Doctors can do their own Laundry or can also avail the paid laundry service available in the hostel premises
- ❖ Pacific Lounge: - Beautifully designed Lounge with seating arrangement for 30 People where Tea, Coffee, Hard & Soft Beverages & Snacks can be served
- ❖ Continuous shuttle service facility to World Laparoscopy Hospital
- ❖ Safe & secure environment - 24 hours night vision CCTV surveillance of entry / exit & corridors (with recording)
- ❖ UPS facility with 24 hour Power Backup
- 24 Hour Security guard
- Easy access to Super Markets and Mall



# LADIES HOSTEL IN WLH PREMISES

For pleasant memorable stay of trainee doctors We offer a special accommodation arrangement exclusively for lady doctors within the premises of World Laparoscopy Hospital. The hostel is equipped with essential amenities and services, ensuring a comfortable and homely atmosphere. A dedicated female attendant is available for assistance. This facility operates on a first-come, first-served basis due to a limited number of rooms. The hostel maintains a safe and secure environment, strictly adhering to a no-smoking policy. Please note that accommodation is reserved on first come first served basis and it is advised to reserve your room prior to arrival.

Single Room: 1500 rupees/day  
Twin Sharing Room: Rs 1000 per day.  
(including breakfast)

Rooms in the Ladies Doctor Hostel at WLH are available on a first-come, first-served basis.

There is no provision for pre booking of room



## FACILITIES

- ❖ Dedicated for Lady Doctors of World Laparoscopy Hospital
- ❖ Free Morning Tea and Breakfast
- ❖ 24 hours In-Room Dining is an experience within the comfort and convenience of the guest room or suite
- ❖ Special Female waitress to attend female doctors and doctors who come with family
- ❖ Air-conditioning with individual temperature control
- ❖ Electronic safe and door locks
- ❖ Cupboard, luggage stand and attached changing room
- ❖ Executive work desk and study table
- ❖ 32" LCD HD TV
- ❖ 24 hour Hi-speed Wi-Fi internet access
- ❖ Premium boutique toiletries and Deluxe Washroom with 24 hour hot and cold water
- ❖ Super Deluxe rooms are spacious with king size bed or twin beds
- ❖ Tea/coffee maker
- ❖ Hair dryer
- ❖ Mineral water replenished on a daily basis
- ❖ Doctors can do their own Laundry or can also avail the paid laundry service available in the hostel premises
- ❖ Safe & secure environment - 24 hours night vision CCTV surveillance of entry / exit & corridors (with recording)
- ❖ UPS facility with 24 hour Power
- ❖ Backup 24 Hour Security guard Easy access to Super Markets and Mall

# HOW TO PROCEED

## **Step 1: Fill the Online Application Form**

Select Your Course and Accommodation:

- » Fellowship in Minimal Access Surgery (F.MAS): 2-week course, starts 1st of each month.
- » Integrated Fellowship in Minimal Access Surgery & Diploma in Minimal Access Surgery (F.MAS, D.MAS): 3-week course, starts 1st of each month.
- » Fellowship in Upper & Lower GI Endoscopy (F. Endoscopy): 4-day course, starts 7th of each month
- » Fellowship in IVF (F. ART): 6-day course, starts 7th of each month.
- » Fellowship in Robotic Surgery (FICRS): 4-day course, starts 17th of each month

## **Step 2: Pay the Registration Fee**

You will receive an email on submission of admission form. Follow the link in email and pay the Registration fee.

## **Step 3: Receive Your Admission and Invitation Letter:**

You'll receive an admission letter maximum within 24 hours for processing visa or leave application.

## **STEP 4: Purchase Travel Ticket**

Purchase your travel tickets for Indira Gandhi International Airport, New Delhi.

## **Step 5: Apply for Visa to India if needed :**

Submit your Visitor Visa application at the nearest Indian Embassy.



# Application For Robotic Surgery Training

## WORLD LAPAROSCOPY HOSPITAL

INTERNATIONALLY RECOGNISED BY WORLD ASSOCIATION OF LAPAROSCOPIC SURGEONS (WALS),  
INTERNATIONAL COLLEGE OF ROBOTIC SURGEONS (ICRS)

Name :

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(FIRST Name)

(Middle Name)

(Last Name)

Age : ----- Sex : -----

Address :

-----

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Tel. / Fax. No. : -----

E-mail : -----

Educational Qualifications: : -----

SPECIALIZATION : GYNAECOLOGIST ☐ SURGEON ☐ UROLOGIST ☐

What is your objective of joining this course?

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Date of joining the course :

-----

Method of Payment:

-----

----- (Signature)

Passport Size

## WORLD LAPAROSCOPY HOSPITAL

CYBER CITY, DLF PHASE-II, GURGAON, INDIA

Phone: +91(0)1242351555 Mobile: +91(0)9811416838, 9999677788 | E-mail: [contact@laparoscopyhospital.com](mailto:contact@laparoscopyhospital.com)