



WORLD LAPAROSCOPY HOSPITAL®

LOG Book

Laparoscopic Training Diploma in Minimal Access Surgery

SURGEON

DOCTOR'S NAME

Month

From

To

COURSE DIRECTOR : **Dr. R. K. Mishra**

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COURSE DIRECTOR : **Dr. J. S. Chowhan**

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DECLARATION

I UNDERSTAND THAT THE TRAINING IMPARTED AT WORLD LAPAROSCOPY HOSPITAL, DLF PHASE -II, CYBER CITY, GURGAON. DURING D.MAS COURSE AIMS ONLY AT IMPROVING THE LAPAROSCOPIC SURGICAL SKILLS OF THE TRAINEE DOCTORS. THE TRAINING GIVEN AT WORLD LAPAROSCOPY HOSPITAL IS ONLY LABORATORY BASED. THE ONUS OF SAFELY APPLYING THESE SKILLS ON THE PATIENTS LIES SOLELY ON THE TRAINEE SURGEON AND GYNAECOLOGIST.

I HAVE ALSO BEEN INFORMED THAT I WILL NEITHER HAVE ANY CLINICAL RESPONSIBILITY NOR WILL TREAT ANY PATIENT ADMITTED AT WORLD LAPAROSCOPY HOSPITAL, GURGAON, DURING MY TRAINING.

Doctor's Name : _____

E-mail : _____

Qualifications : _____

Specialisation : _____

Hospital Address : _____

Signature

DAY 1COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /**09:00 am - 11:00am****PRACTICAL**

Laparoscopic Hands On Intra-corporeal Suturing With Ipsilateral port position

11:00am - 01:30pm**Lecture/PPT/Video Presentation****For Surgeons**

PowerPoint presentation and video demonstration and Discussion of principles of Laparoscopic Ventral Hernia Repair, with IPOM Technique.

For Gynaecologists

Power Point presentation and video demonstration and Discussion of Laparoscopic Burch Suspension done for Stress Urinary Incontinence.

Lunch : 01:30pm - 02:00pm**02:00pm - 04:00pm****PRACTICAL**

Hand-on training on Weston knot, i.e. one of the fantastic knots used in various gynaecological and urological procedures.

Self Assessment :**Trainee Doctor****Course Supervisor**

DAY 2

COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /

09:00am- 11:00am

PRACTICAL

Practice of laparoscopic Ventral Hernia repair by IPOM technique in the lab. with the help of Tacker and Suture Passer.

11:00am - 01:30pm

Lecture/PPT/Video Presentation

For Surgeons

PowerPoint Presentation and video demonstration of Laparoscopic Management of Duodenal Perforation.

For Gynecologists

PowerPoint presentation and video demonstration and Discussion of principles of Laparoscopic Myomectomy .

Lunch : 01:30pm - 02:00pm

02:00pm - 04:00pm

PRACTICAL

Demonstration & Hands on Training on Tumble Square Knot.

Laparoscopic Intracorporeal Tumble Square knot is used, when there is tension between the tissues to be approximated as in case of crural approximation in Fundoplication, Laparoscopic Myomectomy or repair of giant Duodenal or Gastric Perforation.

Installation and learning of the software used in movie making and video editing.

Self Assessment :

Trainee Doctor

Course Supervisor

DAY 3COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /**09:00am - 11:00am****PRACTICAL**

Hands on practice of Laparoscopic Tissue retrieval techniques including, use of endobag, morcellator and hand ports in various Surgical, Gynecological and Urological minimal access surgical procedures. Hands on practice of Port Closure Technique done at the end of laparoscopic surgery.

11:00am - 01:30pm**Lecture/PPT/Video Presentation****For Surgeons**

PowerPoint presentation and video demonstration and Discussion of principles of Laparoscopic Fundoplication (Nissen and Toupet).

For Gynecologists

PowerPoint presentation and video demonstration and Discussion of principles of Laparoscopic Ovarian Surgery (Presentation of laparoscopic oophorectomy, Ovarian Cystectomy including laparoscopic resection of Endometrioma).

Lunch : 01:30pm - 02:00pm**02:00pm - 04:00pm****PRACTICAL**

Hands on learning of Laparoscopic Movie Making and Video Editing techniques.
Hands on Training on Laparoscopic Dundee Jamming continuous suturing with Aberdeen termination. This knot is used in closure of peritoneum in Inguinal Hernia repair by TAPP or as in closure of serosa after Laparoscopic Myomectomy.

Self Assessment :**Trainee Doctor****Course Supervisor**

DAY 4COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /**09:00am - 02:30pm****PRACTICAL****HANDS ON TRAINING IN WET LAB IN OPERATION THEATRE ENVIRONMENT**

S.NO	LAPAROSCOPIC SURGEON	DATE	SIGNATURE
1	Laparoscopic Fundoplication		
2	Laparoscopic Repair of Duodenal Perforation		
3	Laparoscopic Nephrectomy		
4	Laparoscopic Splenectomy		
5	Laparoscopic Gastric banding		
6	Laparoscopic Sleeve Gastrectomy		
7	Laparoscopic Gastric Plication		
8	Laparoscopic Gastric Bypass		
9	Laparoscopic Repair of Rectal Prolapse		
10	Laparoscopic Heller's Myotomy		
11	Laprosopic Sympathectomy		
12	Laparoscopic Low Anterior Resection		
13	Laparoscopic Varicocelelectomy		
14	Laparoscopic Pyeloplasty		
15	Laparoscopic Retroperitoneoscopy		

Lunch : 02:30pm-03:00pm**Course Supervisor**

DAY 5

COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /

09:00am - 11:00am

PRACTICAL

Hands on Training on Laparoscopic Approximation Techniques especially Bowel Anastomosis.

11:00am - 01:30pm

Lecture/PPT/Video Presentation

For Surgeon & Gynecologists:

Recent Advances in Minimal Access Surgery. An overview of Trans Luminal Endoscopic Microsurgery, and Single Incision Laparoscopic Surgery (SILS).

For Surgeons

MIPH for Haemorrhoids and Laparoscopic Treatment of Hydatid Cyst of the Liver.

For Gynecologists

Laparoscopic Management of Stress Incontinence TVT,TOT and other Newer Slings.

Lunch : 01:30pm - 02:00pm

02:00pm - 04:00pm

PRACTICAL

Hands on training on dissection of Gall Bladder/Ovarian cyst without rupture of the organ/cyst. Hands on Training on Ligasure and Harmonic in O.T. Setup.

Self Assessment :

Trainee Doctor

Course Supervisor

DAY 6

COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /

09:00am - 11:00am

PRACTICAL

Hands on Practice of Single Incision Laparoscopic Surgery with real SILS instruments.

11:00am - 01:30pm

Lecture/PPT/Video Presentation

For Surgeons

Power Point presentation and video demonstration and Discussion of principles of Laparoscopic Colorectal Surgery including Sigmoidectomy and Low Anterior Resection.

For Gynecologists

Power Point presentation and video demonstration and Discussion of principles of Sacrocolpopexy with uterus and without uterus after hysterectomy, Vault Prolapse Repair

Lunch : 01:30pm - 02:00pm

02:00pm - 04:00pm

PRACTICAL

Demonstration, Discussion and Application of Fibrin Glue in various Laparoscopic Surgical and Gynaecological procedures.

Self Assessment :

Trainee Doctor

Course Supervisor

DAY 7COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /**09:00am - 2:30pm****PRACTICAL****HANDS ON TRAINING IN WET LAB IN OPERATION THEATRE ENVIRONMENT**

LAPAROSCOPIC SURGEON	DATE	SIGNATURE
1 Laparoscopic Fundoplication		
2 Laparoscopic Repair of Duodenal Perforation		
3 Laparoscopic Nephrectomy		
4 Laparoscopic Splenectomy		
5 Laparoscopic Gastric banding		
6 Laparoscopic Sleeve Gastrectomy		
7 Laparoscopic Gastric Plication		
8 Laparoscopic Gastric Bypass		
9 Laparoscopic Repair of Rectal Prolapse		
10 Laparoscopic Heller's Myotomy		
11 Laproscopic Sympathectomy		
12 Laparoscopic Low Anterior Resection		
13 Laparoscopic Varicocelectomy		
14 Laparoscopic Pyeloplasty		
15 Laparoscopic Retroperitoneoscopy		

Lunch : 02:30pm - 03:00pm**Course Supervisor**

DAY 8

COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /

09.00am - 10.30am

PRACTICAL

10.30am - 12.00pm

Lecture/PPT/Video Presentation

Overview of Upper and Lower GI endoscopy. Demonstration of Instrument design.
Discussion & demonstration of various cables and video capture devices used in SD & HD camera system.

12.00pm - 4.00pm

For Surgeons

Hands on training of Upper GI endoscopy

Laparoscopic Thoracoscopic Procedures including laparoscopic Repair of Hiatus Hernia, Sympathectomy and Thoracoscopic Heller's Oesophageal myotomy. Laparoscopic Varicocelelectomy and Surgery for Undescended Testes (Powerpoint Presentation of various ways of varicocelelectomy, Laparoscopic Orchiectomy and laparoscopic management of undescended testes).

10.30am - 1.00pm

For Gynaecologist

Instrument Design of Operative Hysteroscopy.

Hands on practice of operative hysteroscopy.

2:00pm-4:00pm

PowerPoint Presentation and video demonstration of Diagnostic and Operative Hysteroscopy (Presentation of various hysteroscopic procedures including TCRE, Polypectomy, Hysteroscopic Myomectomy and Metroplasty).

Discussion of management of Pelvic floor repair.

Lunch : 01.30pm-02.00pm

Self Assessment :

Trainee Doctor

Course Supervisor

DAY 9

COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /

09:00am - 10:00am

PRACTICAL

Demonstration and Hands on practice of laparoscopic Extracorporeal Tayside and Mishra's knot used for free structures.

10:00am - 01:30am

Lecture/PPT/Video Presentation

For Surgeon & Gynecologist

An overview of Robotic Surgery.

Demonstration of Robotic Instruments. , working principles of Patient Cart, Vision Cart and Master console. Docking Principles of Robotic cannula with Robotic Arm.

Lunch : 01:30pm - 02:00pm

02:00pm - 04:00pm

PRACTICAL

For Surgeon & Gynaecologist

Basic "Hands On" Training of Robotic Surgery on real da Vinci Surgical Robot.

Self Assessment :

Trainee Doctor

Course Supervisor

DAY 10

COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /

09.00am – 11.00am

PRACTICAL

Hands on exercises of Surgeon's choice

11:00am - 01:30pm

Lecture/PPT/Video Presentation

For Surgeons:

Laparoscopic Gastric Bypass and Sleeve Gastrectomy and Gastric Banding.

Minimal Access CBD Exploration (Choledocolithotomy)

02:00pm-04:00pm

For Gynaecologist

PPT on current concepts in diagnosis & management of Ca. Cervix.

Lunch : 01:30pm-02:00pm

02:00pm- 04:00pm

PRACTICAL

For Surgeons & Gynaecologist

Hands on exercises of Surgeon choice.

Self Assessment :

Trainee Doctor

Course Supervisor

DAY 11COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /**09:00am - 03:00pm****HANDS ON TRAINING IN WET LAB IN OPERATION THEATRE ENVIRONMENT**

LAPAROSCOPIC SURGEON	DATE	SIGNATURE
1 Laparoscopic Fundoplication		
2 Laparoscopic Repair of Duodenal Perforation		
3 Laparoscopic Nephrectomy		
4 Laparoscopic Splenectomy		
5 Laparoscopic Gastric banding		
6 Laparoscopic Sleeve Gastrectomy		
7 Laparoscopic Gastric Plication		
8 Laparoscopic Gastric Bypass		
9 Laparoscopic Repair of Rectal Prolapse		
10 Laparoscopic Heller's Myotomy		
11 Laproscopic Sympathectomy		
12 Laparoscopic Low Anterior Resection		
13 Laparoscopic Varicocelelectomy		
14 Laparoscopic Pyeloplasty		
15 Laparoscopic Retroperitoneoscopy		

Lunch : 03:00pm-03:30pm**Course Supervisor**

DAY 12COURSE : **Diploma in Minimal Access Surgery (D. MAS)**

NAME:

WEEKDAY : Mon Tue Wed Thu Fri Sat DATE : / /**09:00am- 11:00am****PRACTICAL**

Objective Skills Clinical Examinations for Surgeon & Gynaecologist

11:00am - 11:30am**EXAMINATION:**

Qualifying MCQ written exam for award of D.MAS

11:30am-1:30pm

Lecture/PPT/Video Presentation

For Surgeon, Urologist & Gynaecologist

Mistakes and Errors in Minimal Access Surgery (Presentation of Commonly encountered Laparoscopic complications in Minimal Access surgery and various ways of dealing with these problems)

02:00pm - 04:30pm**CONVOCAION & CERTIFICATION CEREMONY**

Shuttle Bus will be arranged for the participants to go to a nearby HOTEL from **World Laparoscopy Hospital** for Certification Ceremony. Candidate will be awarded Diploma Certificates in Minimal Access Surgery . The Diploma Candidates will also be given Certificate of da Vinci Robotic Surgery training. The Certification Ceremony will be followed by the GALA LUNCH.

Self Assessment :**Trainee Doctor****Course Supervisor**

FINAL ASSESSMENT | DIPLOMA MINIMAL ACCESS SURGERY

Doctor's Name : _____

S.No.	LECTURE/PPT	HANDS ON TRAINING	DATE & SIGNATURE
1.	Discussion of principles of Laparoscopic Ventral Hernia Repair.	Laparoscopic Hands on training on Intracorporeal suturing with Ipsilateral ports. Laparoscopic Hands on training on Weston knot.	
2.	Laparoscopic Management of Duodenal Perforation.	Practice of Laparoscopic Ventral Hernia repair with IPOM. Hands on practice of laparoscopic Tumble Square knot.	
3.	a) Discussion of principles of Laparoscopic Fundoplication (Nissen and Toupet) & Nephrectomy . b) Title of procedure----- -----	Practice of laparoscopic Tissue Retrieval Techniques & use of endobag, morcellator + Port Closure Technique. Laparoscopic Movie Making & Video Editing techniques. Laparoscopic Dundee jamming continuous suturing with Aberdeen Termination.	
4.	Training on live tissue		
5.	An overview of Trans Luminal Endoscopic Microsurgery, and Single Incision Laparoscopic Surgery.	Laparoscopic Approximation Techniques especially Bowel Anastomosis. Laparoscopic Dissection of Gall Bladder/ Ovarian cyst without rupture of organ	
6.	MIPH for Haemorrhoids and Laparoscopic Treatment of Hydatid Cyst of the Liver.	Demonstration of Fibrin Glue	
7.	Discussion of principles of Laparoscopic Colorectal Surgery include Sigmoidectomy and Low Anterior Resection.	Practical of Single Incision Laparoscopic Surgery with real SILS instruments.	
8.	Training on live tissue		
9.	Laparoscopic Gastric Bypass and Sleeve Gastrectomy and Gastric Banding.	Instrument Design and practical aspects of Upper and Lower G I endoscopy.	
10.	Minimal Access CBD Exploration (Choledocolithotomy)	Demonstration of Tayside knot and Mishra's knot.	
11.	An overview of Robotic Surgery.	Basic "Hands On" Training of Robotic Surgery on real da Vinci Surgical Robot.	
12.	Discussion of principles of various methods of Splenectomy . Digital Prescription writing software used in Laparoscopic Surgery.	Top Gun Drill Laparoscopic Hands On Exercises	
13.	Laparoscopic Thoracoscopic Procedures ,Laparoscopic varicocelelectomy, Laparoscopic Orchidectomy and laparoscopic management of undescended testes).	Top Gun Drill Laparoscopic Hands On Exercises.	
14.	Training on live tissue		
15.	Objective Skills Clinical Examination Written Qualifying Exam for D.MAS	RESULT	

Final Assessment :

Course Supervisor

Course Director



WORLD LAPAROSCOPY HOSPITAL

ASIA'S FIRST SUPER SPECIALIZED INSTITUTE FOR
LAPAROSCOPIC TREATMENT, TRAINING AND RESEARCH

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