



WORLD LAPAROSCOPY HOSPITAL®

LOG Book

Laparoscopic Training

Diploma in Minimal Access Surgery

GYNAECOLOGIST

DOCTOR'S NAME

Month

From

To

COURSE DIRECTOR : Dr. R. K. Mishra

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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 1

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

NAME:

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

09:00-11:00am

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 2COURSE : **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 : / /**09:00- 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 GYNAE PROCEDURE	DATE	SIGNATURE
1	Laparoscopic Burch Suspension		
2	Laparoscopic Tubal recanalisation		
3	Laparoscopic repair of bowel perforation		
4	Laparoscopic Salpingo-Oophorectomy		
5	Laparoscopic Pelvic Lymphadenectomy		
6	Laparoscopic Ovarian Drilling		
7	Laparoscopic Sacrohysteropexy		
8	Laparoscopic Sacrocolpopexy		
9	Laparoscopic Plication of Ovarian ligament in Ovarian Torsion.		
10	Laparoscopic Supracervical Hystrectomy		
11	Laparoscopic Internal Iliac artery Ligation		
12	Laparoscopic Radical Hystrectomy		

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 : / /

09:00-11:00am

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 : / /

09:00- 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 - 02:30pm****PRACTICAL****HANDS ON TRAINING IN WET LAB IN OPERATION THEATRE ENVIRONMENT**

S.NO	LAPAROSCOPIC GYNAE PROCEDURE	DATE	SIGNATURE
1	Laparoscopic Burch suspension		
2	Laparoscopic Tubal recanalisation		
3	Laparoscopic repair of bowel perforation		
4	Laparoscopic Salpingo-Oophorectomy		
5	Laparoscopic Pelvic Lymphadenectomy		
6	Laparoscopic Ovarian Drilling		
7	Laparoscopic Sacrohysteropexy		
8	Laparoscopic Plication of Ovarian ligament in Ovarian Torsion Caser		
9	Laparoscopic Sacrocolpopexy		
10	Laparoscopic Supracervical Hystrectomy		
11	Laprosopic Internal Iliac artery Ligation		
12	Laparoscopic Radical Hystrectomy		
13	Laparoscopic Varicocelelectomy		

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

Discussion & demonstration of various cables and video capture devices used in SD & HD camere system.

10.30pm-12.00pm:

Lecture/PPT/Video Presentation

For Surgeons

Overview of Upper and Lower GI endoscopy. Demonstration of Instrument design.

12:00pm-04.00pm

For Surgeon's : Hands on training of Upper GI endoscopy

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

10.30am-01.30pm

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 : / /

09:00- 10:00am

PRACTICAL

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

10:00am - 01:30pm

Lecture/PPT/Video Presentation

For Surgeon Gynecologists

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 Gynaecologists

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 Gynaecologists

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

Lunch : 01:30pm-02:00pm

02:00pm-04:00pm

PRACTICAL

For Surgeons & Gynaecologists

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 - 02:30pm****HANDS ON TRAINING IN WET LAB IN OPERATION THEATRE ENVIRONMENT**

S.NO	LAPAROSCOPIC GYNAE PROCEDURE	DATE	SIGNATURE
1	Laparoscopic Burch suspension		
2	Laparoscopic Tubal recanalisation		
3	Laparoscopic repair of bowel perforation		
4	Laparoscopic Salpingo-Oophorectomy		
5	Laparoscopic Pelvic Lymphadenectomy		
6	Laparoscopic Ovarian Drilling		
7	Laparoscopic Sacrohysteropexy		
8	Laparoscopic Plication of Ovarian ligament in Ovarian Torsion Caser		
9	Laparoscopic Sacrocolpopexy		
10	Laparoscopic Supracervical Hystrectomy		
11	Laprosopic Internal Iliac artery Ligation		
12	Laparoscopic Radical Hystrectomy		

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

DAY 12

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

NAME:

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

09:00am- 11:00am

PRACTICAL

11:00am - 11:30am

EXAMINATION

Objective Skills Clinical Examinations for Surgeon & Gynaecologist
Qualifying MCQ written exam for award of D.MAS

11:30am-1:30pm

Lecture/PPT/Video Demonstration

For Surgeon, Urologist And 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

CONVOCATION & 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.	a) Laparoscopic Burch Suspension. b) Laparoscopic Principles of Ovarian Surgery c) Laparoscopic Resection of Endometrome	Laparoscopic Hands on training on Intracorporeal suturing with Ipsilateral ports. Laparoscopic Hands on training on Weston knot.	
2.	Discussion of principles of Laparoscopic Myomectomy.	Practice of Laparoscopic Ventral Hernia repair with IPOM. Hands on laparoscopic Tumble Square knot.	
3.	a) Installation of the Trak Ax Pc software for the movie making and video editing 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.	
6.	Laparoscopic Management of Stress Incontinence TVT,TOT and other Newer Slings.	Demonstration of Fibrin Glue	
7.	Discussion of principles of Sacrocolpopexy with uterus and without uterus after hysterectomy, Vault Prolapse Repair.	Practical of Single Incision Laparoscopic Surgery with real SILS instruments.	
8.	Training on live tissue		
9.	Diagnostic and Operative Hysteroscopy, including TCRE, Polypectomy, Hysteroscopic, Myomectomy.	Hands on practice on Operative Hysteroscopy.	
10.	Laparoscopic Management of Vesicovaginal Fistula and Pelvic floor repair.	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.	Digital Prescription writing software used in Laparoscopic Surgery.	Top Gun Drill Laparoscopic Hands On Exercises.	
13.	Training on live tissue		
14.	Ca. Cervix, Current Concept on diagnosis staging and RX.	Discussion and Demonstration of Colposcopy	
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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