

LOG BOOK WITH MINUTE TO MINUTE PROGRAM

(SURGEON)

WORLD LAPAROSCOPY HOSPITAL

X-100, CYBER CITY, GURGAON, INDIA, PIN CODE-122002

DMAS STARTING FROM 15 TH OF MONTH

DIPLOMA: MINIMAL ACCESS SURGERY

DOCTOR'S NAME

Month

From

To

CONTACT DETAILS OF THE FACULTY

DR. R.K MISHRA, MOB.9811416838, E-MAIL: - md@laparoscopyhospital.com

DR. J.S CHOWHAN, MOB.9811067797, E-MAIL: - jschowhan85@gmail.com

DAY - 1

DATE:-

DOCTORS'S NAME:-

PRACTICAL:-

09:00 am - 11:00am

Laparoscopic Hands On Intra-Corporeal Suturing with Ipsilateral port position

LECTURE / PPT / VIDEO PRESENTATION

11:00am - 01:30pm

FOR SURGEON:-

PowerPoint presentation and video demonstration and Discussion of principles of Laparoscopic Ventral Hernia Repair.

FOR GYNAECOLOGIST: -

Power Point presentation and video demonstration and Discussion of Laparoscopic Burch Suspension.

01:30pm - 02:00pm

Lunch

PRACTICAL:-

02:00pm - 04:00pm

Demonstration of Laparoscopic Ventral Hernia Repair and Burch Suspension in Laparoscopic Lab with the help of tackers and Suture Passer. Gynecologists will learn use of Weston knot, i.e. one of the fantastic knots used in various gynecological and urological procedures.

Self-Assessment: -

Trainee Doctor

Course Supervisor

DAY - 2

DATE: -

DOCTORS'S NAME:-

PRACTICAL:-

09:00am - 11:00am

Laparoscopic Hands On Intra-Corporeal Suturing with choreographic movements without swording of instruments.

LECTURE / PPT / VIDEO PRESENTATION

11:00am - 01:30pm

For Surgeons: PowerPoint Presentation and video demonstration of Laparoscopic Management of Duodenal Perforation.

FOR GYNECOLOGIST

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

01:30pm - 02:00pm

Lunch

PRACTICAL:-

02:00pm - 04:00pm

Practice of Laparoscopic Ventral Hernia Repair and Burch Suspension in Laparoscopic Lab with the help of tackers and Suture Passer. Hands On practice of two port ventral hernia repairs. Gynecologists will learn use of Weston knot, i.e. one of the fantastic knots used in various gynecological and urological procedures.

Installation and learning of the software used in movie making and video editing by the Trainee doctors in their Laptops.

Self Assessment:-

Trainee Doctor

Course Supervisor

DAY - 3

DATE: -

DOCTORS'S NAME:-

PRACTICAL:-

009:00am - 11:00am

Hands On practice of laparoscopic Tissue Retrieval Techniques: Practice of various ways of Laparoscopic Tissue retrieval techniques including, use of endobag, morcellator and hand ports in various surgical Gynecological and urological minimal access surgical procedures + Port Closure Technique practice at the end of laparoscopic surgery.

LECTURE/PPT/VIDEO PRESENTATION

11:00am - 01:30pm

For Surgeon:

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).

01:30pm - 02:00pm

Lunch

PRACTICAL:-

02:00pm - 04:00pm

Hands On Laparoscopic Movie Making and Video Editing techniques by the help of special software.
Hands on Training on dissection of Gall Bladder / Ovary without rupturing of the Organ.

Self Assessment:-

Trainee Doctor

Course Supervisor

DAY - 4

DATE: -

DOCTORS'S NAME:-

PRACTICAL:-

09:30am - 12:30pm Batch A

01:00pm- 04:00 pm Batch B

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 Laparoscopic Sympathectomy
- 12 Laparoscopic Low Anterior Resection
- 13 Laparoscopic Varicocelectomy
- 14 Laparoscopic Pyeloplasty
- 15 Laparoscopic Retroperitoneoscopy

12:00pm-12:30pm

Lunch

After Lunch this long day will finish.

Course Supervisor

DAY – 5

DATE: -

DOCTORS'S NAME:-

PRACTICAL:-

09:00am - 11:00am

Hands on Training on Laparoscopic Approximation Techniques Especially Bowel Anastomosis.

LECTURE/PPT/VIDEO PRESENTATION

11:00am - 01:30pm

For Surgeon & Gynecologists:

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

FOR SURGEONS: - MIPH for Hemorrhoids and Laparoscopic Treatment of Hydatid Cyst of the Liver.

FOR GYNECOLOGIST: - Laparoscopic Management of Stress Incontinence TVT, TOT and other Newer Slings.

01:30pm - 02:00pm

Lunch

PRACTICAL:-

02:00pm - 04:00pm

Hands On practice of Laparoscopic Intracorporeal Continuous Suturing with Dundee Jamming Knot and Aberdeen Termination (Hands On Training in O. T. environment). Use of continuous suturing in hernia surgery urinary bladder repair and gastric plication, sleeve gastrectomy and TLH. Ambidexterity will also be practiced as recommended by WALs and SAGES.

Self-Assessment: -

Trainee Doctor

Course Supervisor

DAY – 6

DATE: -

DOCTORS'S NAME:

PRACTICAL:-

09:00am - 11:00am

Practical of Single Incision Laparoscopic Surgery with real SILS instruments.

LECTURE / PPT / VIDEO PRESENTATION

11:00am - 01:30pm

For Surgeon:

Power Point presentation and video demonstration and Discussion of principles of Laparoscopic Colorectal Surgery include 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

01:30pm - 02:00pm

Lunch

PRACTICAL:-

02:00pm - 04:00pm

Top Gun Drill Laparoscopic Hands On Exercises of Surgeons Choice under supervision.

Self-Assessment: -

Trainee Doctor

Course Supervisor

DAY - 7

DATE: -

DOCTORS'S NAME:-

PRACTICAL: -

09:30am

- 12:30pm Batch A

01:00 pm- 04:00 pm Batch B

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 Laparoscopic Sympathectomy
- 12 Laparoscopic Low Anterior Resection
- 13 Laparoscopic Varicocelectomy
- 14 Laparoscopic Pyeloplasty
- 15 Laparoscopic Retroperitoneoscopy

12:30pm-01:00pm

Lunch-After Lunch this long day will finish.

Course Supervisor

DAY-8

DATE: -

DOCTORS'S NAME:-

09.00am – 11.30am

For Surgeons

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

11.30am-02.00pm

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).

For Gynecologist

Hands of practice of operative hysteroscopy

Instrument Design of Operative Hysteroscopy. Discussion of management of Pelvic floor repair.

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

Lunch

2.00pm-02.30pm

Self Assessment:-

Trainee Doctor

Course Supervisor

DAY -9

DATE: -

DOCTORS'S NAME:-

PRACTICAL:-

009:00am - 11:00am

LECTURE / PPT / VIDEO PRESENTATION

For Surgeon & Gynecologist:-

An overview of Robotic Surgery Hands On Training.

PRACTICAL:-

11:00am - 01:30pm

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

01:30pm - 02:00pm

Lunch

02:00pm – 04:00pm

PRACTICAL:-

For Surgeon:-

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

Self Assessment:-

Trainee Doctor

Course Supervisor

DAY - 10

DATE: -

DOCTORS'S NAME:-

09.00am – 11.00am

Demonstration of use of Fibrin Glue Laparoscopic General Procedures

Hands on exercises of Surgeon choice.

11:00am - 01:30pm

Laparoscopic Gastric Bypass and Sleeve Gastrectomy and Gastric Banding.

Minimal Access CBD Exploration (Choledocolithotomy)

For Gynecologist

Discussion of Laparoscopic Management of Vesicovaginal Fistula.

FOR SURGEONS

01:30pm - 02:00pm

Lunch

02:00pm-04:00pm

FOR SURGEONS

Hands on exercises of Surgeon choice with Ipsilateral and Contralateral Port position under supervision.

Self Assessment:-

Trainee Doctor

Course Supervisor

DAY -11

DATE: -

DOCTORS'S NAME:-

09:30am - 12:30pm Batch A

01:00 am- 04:00 pm Batch B

HANDS ON TRAINING IN WET LAB IN OPERATION THEATRE ENVIRONMENT

LAPAROSCOPIC SURGEON	DATE	SIGNATURE
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- | | | |
|--|--|--|
| 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. With Thoracoscopic Hellers Myotomy | | |
| 11 Laparoscopic Sympathectomy with Thoracoscopic Sympathectomy | | |
| 12 Laparoscopic Low Anterior Resection with Mesh Rectopexy | | |
| 13 Laparoscopic Varicocelectomy | | |
| 14 Laparoscopic Pyeloplasty | | |
| 15 Laparoscopic Retroperitoneoscopy | | |

12:30pm-01:00pm

Lunch

After Lunch this long day will finish.

Course Supervisor

DAY - 12

DATE: -

DOCTORS'S NAME:-

PRACTICAL:-

009:00am – 11:00pm

OBJECTIVE SKILLS CLINICAL EXAMINATIONS BOTH FOR SURGEON AND GYNAECOLOGIST

11:00pm - 12:00pm

EXAMINATION: - Qualifying written exam for award of D-MAS

12:00pm-1:30pm

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)

01:30pm - 04:00pm

FAREWELL LUNCH

Shuttle Bus will be arranged for the participants to go to a nearby hotel, Gurgaon, 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.

Supervisor Assessment:-

Trainee Doctor

Course Supervisor

FINAL ASSESSMENT DIPLOMA MINIMAL ACCESS SURGERY

Doctor's Name: -

S.No.	LECTURE/PPT	HANDS ON TRAINING	DATE & SIGNATURES
1.	Discussion of principles of Laparoscopic Ventral Hernia Repair.	Laparoscopic Hands On Intra-corporeal Suturing With choreographic movements without swording of instruments.	
2.	Laparoscopic Management of Duodenal Perforation.	Practice of Laparoscopic Ventral Hernia Repair & use of Weston 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 and Video Editing techniques	
4.	Training on live tissue	
5.	An overview of Trans Luminal Endoscopic Microsurgery, and Single Incision Laparoscopic Surgery.	Laparoscopic Approximation Techniques Especially Bowel Anastomosis.	
6.	MIPH for Hemorrhoids and Laparoscopic Treatment of Hydatid Cyst of the Liver.	Laparoscopic Intracorporeal Continuous Suturing with Dundee Jamming Knot and Aberdeen Termination	
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 Thorascopic Procedures, Laparoscopic varicocelectomy, 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