

Elective Module: Minimal Invasive Surgery

Name of Block	Block 2
Name of Elective	Minimal Invasive Surgery
Location of hospital Lab or research facility	Surgery OT, DMCH
Name of internal preceptor(s)	Dr. Ashima Taneja
Name of external preceptor (if applicable)	-
Learning objectives of elective	1. To obtain experience by observing Minimal Invasive Surgery. 2. To observe preparation of patient prior to procedure & taking informed consent. 3. To be able to enumerate indications of procedure, steps of procedure & complications of procedure.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Good clinical practice Basic life support Basic suturing and first aid Necessary immunizations Universal precaution certification
Learning resources for students	Operative Shaws Textbook
List of activities of student participation	1. Work daily with a supervisor in observing, assisting Gynaecology procedures. 2. To document at least two procedures observed/assisted.
Portfolio entries required	1. Documentation of worked up cases
Log book entry required	Completion of posting signed by preceptor with a “meets expectation ‘(M)’ grade”
Assessment	Formative: 1) Attendance 2) Day-to-day participation in departmental activity 3) performance of assigned tasks

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Introduction

1. MIS is also known as Laparoscopic – keyhole procedures.
 - It has emerged as a safe & effective technique to meet the surgical needs of the patient.
2. MIS benefits include:
 - Cosmesis – Better cosmesis as the incisions are small
 - It is associated with less pain, lower analgesia use & quick recovery.
 - Improved mobility of the patient
 - Reduction in infection, dehiscence, bleeding, herniation & nerve entrapment.
 - Decreased ileus
 - Minimal soft tissue destruction & scaring

The students opting for MIS module would gain knowledge about various minimally invasive procedures, their advantages.