

Institutional Fellowship Curriculum: Minimally Invasive Urology & Robotic Surgery

Sir H. N. Reliance Foundation Hospital, Mumbai

Under the Auspices of the World Endo-Urology Society

Introduction

This 12-month fellowship program in Minimally Invasive Urology and Robotic Surgery at Sir H. N. Reliance Foundation Hospital, Mumbai, is designed to train urologists in advanced laparoscopic and robotic techniques, with an emphasis on hands-on experience, academic contribution, and clinical decision-making. The program is aligned with international standards including those from AUA, RACS, EBU, Vattikuti, and Intuitive platforms.

Program Objectives

- Acquire expertise in robotic and minimally invasive urological procedures.
- Develop proficiency in bedside robotic assistance and transition to console surgery.
- Strengthen clinical, operative, academic, and research acumen.
- Contribute to scientific literature through presentations and publications.

Fellowship Structure

- Duration: 12 months
- Rotations: OPD, Inpatient Wards, Emergency Duties, OT (laparoscopy & robotic)
- On-call duties included
- Weekly academic sessions
- 3-monthly performance evaluations

Tuition fee, Stipend & Accommodation

Tuition fee: Not Any

Stipend amount Rs 110000/month.

Accommodation will not be provided for the fellowship Programme

Annual Intake: 01

Robotic Surgery Training

1. Months 1–4: Bedside Assistance Training
 - Patient positioning
 - Pneumoperitoneum creation
 - Port placement
 - Robot docking
 - Basic robotic instrument handling
2. Months 5–12: Graduated Console Time
 - Stepwise training in procedures like RARP and RA nephrectomy
 - Performing major steps under supervision
 - Independent console time based on competency

Surgical Competency Goals

By the end of the program, the fellow is expected to perform major steps of the following:

- Robot-Assisted Radical Prostatectomy (RARP)
- Robot-Assisted Nephrectomy (Radical/Partial)
- Robot-Assisted Pyeloplasty
- Laparoscopic Ureterolithotomy / Nephrectomy

Academic and Research Expectations

- At least 2 presentations at national-level conferences
- At least 1 presentation at an international conference
- Minimum 2 original publications (case reports, research, or review articles)
- Participation in departmental academic meetings and journal clubs

Evaluation

Fellows will be assessed every 3 months on the following:

- Clinical and surgical performance
- Knowledge base (theory and applied)
- Communication and team interaction
- Academic contribution and research progress

Exit criteria/Programme Completion Criteria & Certificate award:

- Submission of Training logbook to Academic departments after Programme director signature.
 - Teaching topics/classes attended, topic of Presentation attended/ given/, list of trials in which delegated responsibility, conference, publication etc. details),
 - With supporting documents
- Exit interview/Exam with the faculty and submission of Result to Academic department.
- Successful completion merits the fellow with an Institutional certificate and a work experience letter.
- HR will do relieving process after receiving email communication from Academic department- about training Programme completion.

Note: If a candidate does not complete the fellowship requirements for a reason not agreeable by the course director, the fellowship Programme may be extended for a suitable period.