



HEPATOBIILIARY-PANCREATIC SURGERY FELLOWSHIP TRAINING PROGRAM

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HEPATOBIILIARY–PANCREATIC SURGERY FELLOWSHIP TRAINING PROGRAM

I. INTRODUCTION

The Hepatobiliary-Pancreatic Surgery Fellowship Training Program is a comprehensive structured educational program designed to graduate independent surgeons with high standards of skills, broad knowledge and competency in clinical decisions. The fellow will be required to be skilled in endoscopic procedures, interpretation of radiological investigations, as well as in preoperative judgment, operative timing and postoperative care of patients.

Full training program will be conducted at King Faisal Specialist Hospital & Research Center (Gen Org.) [KFSH&RC (Gen.Org.)]. Part of training may be spent on rotational basis in other hospitals (i.e., King Abdulaziz Medical City, King Fahad Medical City, King Khalid University Hospital) based on the need for exchange of fellows with these hospitals. In those hospitals, the rotation will be meeting the objectives of the training as well as the standards of the KFSH&RC (Gen.Org.) fellowship programs.

II. GENERAL OBJECTIVES

The fellowship is aimed to train selected surgeons in the field of Hepatobiliary Surgery and Liver Transplantation. At the end of the program, the candidate will have adequate training that will be sufficient for clinical practice.

III. SPECIFIC OBJECTIVES

Upon completion of training, the fellow should have gained the clinical and technical experiences to practice as a safe and competent community and hepatobiliary surgeon. He/She should be able to assess, evaluate and diagnose general problems and manage them safely.

During the 24-month period of training, the fellow will be provided with a wide-range of training in all fields of Hepatology/Hepatobiliary/Liver Transplantation Services. This includes the following:

1. Anatomy, physiology, as well as surgical management of acute and chronic problems of liver diseases.
2. Biliary diseases.
3. Endoscopic and surgical management skills.
4. Indications for liver transplantation.
5. Preoperative assessment and postoperative care of liver transplantation.
6. Management of acute fulminant liver failure and cirrhosis.
7. Management of immunosuppression therapy for liver transplant patients.
8. Management of cholestatic liver disease.





IV. ADMISSION REQUIREMENTS

Candidates must have completed formal residency training in General Surgery. Applicants should possess a Saudi Specialty Certificate or must have at least passed the written examination and registered for the final parts. Other candidates must possess an equivalent certification.

Candidates must have successfully completed a personal interview by concerned members of the department. Three recent recommendation letters should be submitted. A sponsorship letter is required.

V. STRUCTURE OF TRAINING PROGRAM

A. Duration

The fellowship program is for two years.

B. Training Capacity

One fellow per year.

C. Faculty Qualifications

The hepatobiliary and transplant consultant surgeons must have good experience in teaching and must be committed to providing academic teaching and training to the fellows. Currently, there are four hepatobiliary and transplant consultant-surgeons meeting the qualifications.

VI. PROGRAM CONTENT

Clinical Rotations will be conducted to cover:

1. Hepatobiliary Surgery and Liver Transplantation
2. General Hepatology
3. Transplant Hepatology
4. GI / Endoscopy





Two-Year Fellowship Training Rotation

First Year Rotation:

- Six (6) months Hepatobiliary-Pancreatic Surgery rotation
 - Clinic
 - OR
 - Rounds
 - Case Presentations
 - On-call coverage
 - Consultations
 - Surgical procedures
- Two (2) months Endoscopy rotation
- Two (2) months Transplant Hepatology rotation
- One (1) month elective rotation
- One (1) month vacation

Second Year Rotation:

- Six (6) months Hepatobiliary-Pancreatic Surgery rotation
 - Clinic
 - OR
 - Rounds
 - Case Presentations
 - On-call coverage
 - Consultations
 - Surgical procedures
- Three (3) months Transplant Surgery rotation
- One (1) month Endoscopy rotation
- One (1) month Elective rotation
- One (1) month vacation

Academic and Clinical Activities

Include grand rounds, ward rounds, journal clubs, radiology meeting, morbidity and mortality meeting, and similar activities. Minimum attendance of 80% is essential. It is highly expected that the fellow will show progress toward independent care in all aspects of Hepatobiliary/Hepatology and Liver Transplantation, including diagnosis, investigations and management and plan for acute and chronic care.

Resources

The fellow will have access to facilities provided by KFSH&RC (Gen.Org.), including the outpatient clinic, equipped operating rooms and intensive care facility. A minimum of 14 beds are dedicated to Hepatology/Hepatobiliary/Liver Transplantation Service.





A very good facility in interventional radiology is available, and there is outstanding internet access for library services and research resources, as well as excellent research facility and database.

Logbook

The fellow will be required to maintain a logbook for recording all the activities performed during the training program. Each activity should be dated and categorized through the period of rotations and should indicate whether the fellow has performed it independently, or as an assistant or participant. The trainer should countersign each activity in the logbook. The content of the logbook will include operative and technical procedures required for the fellowship program. The minimal involvement required of a fellow is as follows:

- Whipple's surgery 10-20 cases
- Hepatojejunostomy 10-20 cases
- Liver resection 10-20 cases
- Liver transplantation 25-50 cases
- Cadaveric donors 25-50 cases
- Living related donor surgery 20 cases
- Living related recipient surgery 20 cases
- At least 60 endoscopies, 30 ERCP
- Major invasive and non-invasive diagnostic monitoring procedures performed or learned
- Participation and attendance in symposia, conferences, workshops, and training courses
- Knowledge of medical hepatology emergencies
- Knowledge of chronic liver disease management
- Assessment of patient, pre-transplantation
- Care of post liver transplant patients

Research

The fellow is expected to conduct at least one retrospective chart review and submit proof of publication. He/She should submit at least two case reports for publication; other research activities will be encouraged.

Conferences

The fellow is encouraged to attend all conferences held by the Liver Transplantation & Hepatobiliary-Pancreatic Surgery Department, including surgical grand rounds, mortality & morbidity meetings, and the Riyadh Liver Group meetings. Fellows will be presenting cases to conferences and meetings.





VII. EVALUATION & PROMOTION

The fellow's level of competence and performance will be evaluated at a frequency determined by the Postgraduate Education Committee and in the manner as detailed in the Policy for Fellowship Training Program. A self-assessment examination covering the different topics in the subspecialty will be given at the end of the first and second years of fellowship training.

At the end of each training rotation, the supervising consultant/ team should provide the training committee the results of evaluations of the fellows. There would be in-training examination in which fellows will have annual written and clinical/oral examination, as part of their evaluation.

A fellow's advancement from year to year is contingent upon professional performance and personal growth. The criteria for promotion are as enumerated in the Policy for Fellowship Training Program.

VIII. COMPLETION

A certificate of fellowship training at KFSH&RC (Gen.Org.) will be awarded upon satisfactory completion of the requirements of the program.

IX. DUTIES, LEAVES & HOLIDAYS

Regulations governing leaves are as stipulated in the Policy for Fellowship Training Program.

*v: admin/training/program_manuals/LiverTransplant...
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