

## **Health Sciences Centre, Team C – Dr. Hogan, Hepatobiliary Surgery**

### **Medical Expert**

#### *Anatomy*

1. Liver
  - a. Segmental anatomy
  - b. Hepatic vascular anatomy
  - c. Anatomy of the biliary tree
2. Pancreas
3. Gallbladder
4. Stomach and duodenum

#### *Physiology*

1. Liver function, including volume measurement
2. Bile formation and function
3. Pancreas, both endocrine and exocrine function

#### *Pathophysiology*

1. Neoplasms of the liver
2. Pancreatitis
3. Duodenal neoplasms
4. Pancreatic neoplasm (cystic and solid)

#### *Investigation*

1. Jaundice
2. Masses in pancreas, liver and duodenum

#### *Procedures*

##### PGY 1-2

1. Residents will be able to perform:
  - a. Uncomplicated open cholecystectomy
  - b. Kocherisation of the duodenum

- c. Identification and dissection of the lesser sac
2. Residents will have knowledge of, and be able to assist with:
  - a. Whipples
  - b. Common duct exploration
  - c. Gastrojejunostomy
  - d. Liver resection
  - e. Distal pancreatectomy and splenectomy
  - f. Hepaticojejunostomy

PGY 3-5

1. Residents will be able to perform:
  - a. Common duct exploration
  - b. Gastrojejunostomy
  - c. Simple liver resection
  - d. Hepaticojejunostomy with assistance
2. Residents will have knowledge of, and be able to assist with:
  - a. Complex liver resection
  - b. Whipples
  - c. Distal pancreatectomy

**Collaborator**

The resident will

1. Work with oncology and interventional radiology to treat complex cancer patients
2. Involve palliative care when appropriate

**Communicator**

PGY 3-5

Residents will:

1. Be able to obtain informed consent for complex surgeries
2. Plan an effective care plan, including coordination of other professionals involved in care
3. Attend GI tumor board rounds

4. Demonstrate effective communication with the operating room staff in complicated cases, including safety check and briefing
5. Communicate prognosis to patient with empathy and accuracy
6. Keep accurate and legible notes

### **Health Advocate**

Not applicable.

### **Manager**

1. Demonstrate knowledge of the resources used for complex operations, especially when choices are controversial
2. Manage time wisely, especially on this busy service

### **Professional**

1. See patients every day, keeping them apprised of their progress
2. Be prepared and on time for the operating room and clinics