



DEPARTMENT OF MEDICAL EDUCATION  
COLLEGE OF MEDICINE & DENTISRY AT THE HILLS  
ABBOTTABAD

# GIT Module

For

# MBBS 5<sup>th</sup> Year

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# Themes

**Table 1: Thematic Distribution**

S. No	Themes	Duration in Hours
1	Difficulty in swallowing and Epigastric Pain	4
2	Yellow discoloration of the sclera	5
3	Diarrhea and Pain Abdomen	8
4	Constipation and bleeding per rectum	6

\*A minimum of 4 hours daily apart from above hours, must be allocated for clinical teaching and training at the bedside in different units.

# Learning Objectives

**By the end of GIT Module, Final year MBBS students will be able to:**

- 1) Discuss the approach to the management of a patient with dysphagia and upper GI bleed.
- 2) Explain the approach to the management of a patient with pain epigastrium.
- 3) Discuss the management of a patient with acute and chronic hepatitis, liver cirrhosis, and encephalopathy.
- 4) Explain the management of a patient with acute and chronic diarrheas.
- 5) Discuss the management of a patient with peritonitis and intestinal obstruction.
- 6) Explain the management of a patient with constipation and lower GI bleeding.
- 7) Take history and perform a physical examination of a patient with GI diseases.
- 8) Counsel patients and their families with common GI diseases.

# Specific Learning Objectives

Table 3: Theme Wise Learning objectives

Theme-1: Difficulty in swallowing and epigastric pain					
Subject	Topic	Hours	S. No	Domain of learning	Learning objectives
Surgery	Dysphagia	1	1	Cognitive	Explain the diagnostic workup and management of a patient with dysphagia.
Medicine	Upper GI bleeding	1	2	Cognitive	Explain the diagnostic workup and management and complications of a patient with Upper GI bleeding
			3	Psychomotor	Take history and perform a physical examination of a patient with an upper GI bleed.
			4	Psychomotor	Observe upper GI endoscopy.
			5	Psychomotor	Observe NG tube insertion.
Pediatrics	Vomiting	1	6	Cognitive	Explain the diagnostic and therapeutic approach to a neonate and infant with persistent vomiting.
Gynaecology	Hyperemesis gravidarum	1	7	Cognitive	Discuss the management of a patient with vomiting of pregnancy.

			8	Affective	Counsel a patient with hyperemesis gravidarum.
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### Theme-2: Yellow discoloration of the sclera

Subject	Topic	Hours	S. No	Domain of learning	Learning objectives
Medicine	Investigations of liver diseases	1	9	Cognitive	Elaborate on the investigations used for the diagnosis of hepatobiliary disorders and their interpretations.
			10	Psychomotor	Take history and perform physical examination of a patient with liver cirrhosis.
			11	Psychomotor	Observe Ascitic fluid paracentesis.
			12	Psychomotor	Interpret Ascitic fluid report.
			13	Affective	Counsel a patient with Liver cirrhosis due to Hepatitis B/C.
	Acute fulminant hepatitis and acute liver failure	1	14	Cognitive	Discuss the diagnostic approach and management of a patient with suspected acute fulminant hepatitis/acute liver failure.
	Hepatic encephalopathy		15	Cognitive	Explain the grading system, etiology, diagnostic approach, management, and prevention of hepatic encephalopathy.

			16	Psychomotor	Elicit Asterixis/ hepatic flap.
<b>Surgery</b>	Obstructive jaundice	1	17	Cognitive	Discuss the diagnostic approach and management of a patient with suspected obstructive jaundice.
			18	Affective	counsel a standardized patient with newly diagnosed Carcinoma head of the Pancreas.
<b>Pediatrics</b>	Hyperbilirubinemias	1	19	Cognitive	Discuss the diagnostic approach and management of a neonate and infant with jaundice.
			20	Psychomotor	Take history and perform physical examination of a child with jaundice.
			21	Affective	Counsel a child and his parents with Gilbert syndrome.

<b>Gynaecology</b>	Obstetrics cholestasis in pregnancy/fatty liver	1		Cognitive	Discuss the management of cholestasis in pregnancy and fatty liver in pregnancy
<b>Theme-3: Pain Abdomen and Diarrhea</b>					
<b>Subject</b>	<b>Topic</b>	<b>Hours</b>	<b>S. No</b>	<b>Domain of learning</b>	<b>Learning objectives</b>
<b>Surgery</b>	Acute appendicitis	1	22	Cognitive	Discuss the diagnostic approach and management of a patient with pain in the right iliac fossa due to suspected appendicitis.
	Pain abdomen		23	Cognitive	Discuss the diagnostic approach and management of a patient with pain in the abdomen of acute onset and chronic onset.
			24	Psychomotor	Illicit signs of acute appendicitis in a child.
			25	Affective	Counsel the parents of a child with acute appendicitis
	Intestinal obstruction	1	26	Cognitive	Discuss the etiology, diagnostic approach, and management of a patient with suspected intestinal obstruction.
	Intestinal perforation	1	27	Cognitive	Discuss the etiology, diagnostic approach, and management of a patient with suspected intestinal perforation/peritonitis.
	Hernias	1	28	Cognitive	Discuss the etiology, anatomical concepts, management, and complications of a patient with inguinal hernias .

			29	Psychomotor	Perform transillumination test for inguinal hernias.
<b>Pediatrics</b>	Malabsorption and celiac disease	1	30	Cognitive	Explain the diagnostic workup and management of a patient with Malabsorption due to celiac disease.
			31	Affective	Counsel a child and his/her parents regarding dietary advice regarding celiac disease
	Acute diarrhea	1	32	Cognitive	Explain the diagnostic workup and management of a patient acute watery diarrhea
			33	Psychomotor	Assess the state of hydration in a child with acute diarrhea
	Chronic diarrhea	1	34	Cognitive	Explain the diagnostic workup and management of a patient with chronic diarrhea.
<b>Family medicine/ Medicine</b>	Approach to a patient with Abdominal Pain in a primary health care	1	35	Cognitive	Explain the approach, differential diagnosis, investigations, initial management, and indications for referral of a patient with Abdominal Pain in a primary health care setting.
<b>Theme-4: Constipation and bleeding per rectum</b>					
<b>Subject</b>	<b>Topic</b>	<b>Hours</b>	<b>S. No</b>	<b>Domain of learning</b>	<b>Learning objectives</b>
<b>Medicine</b>	Approach to a patient bleeding Per rectum	1	36	Cognitive	Discuss the diagnostic workup and management approach for a patient with bleeding per rectum.

<b>Surgery</b>	Constipation	1	37	Cognitive	Discuss the diagnostic workup and management approach for a patient with constipation
	Ulcerative colitis	1	38	Cognitive	Discuss the approach to the management of a patient with ulcerative colitis, its short and long-term complications, and the role of surveillance colonoscopies in the prevention of colorectal malignancies.
	Crohn's Disease	1	39	Cognitive	Discuss the approach to the management of a patient with Crohn's disease, its short and long-term complications, and extra intestinal manifestations.
	Colorectal cancer	1	40	Cognitive	Discuss the approach to the management of a patient with suspected colorectal cancer and its staging
<b>Pediatrics surgery</b>	Hirschsprung's disease	1	41	Cognitive	Explain the etiology, clinical features, investigations, treatment of a child with Hirschsprung's disease.