

GIT Module

(2 weeks)

Prepared by

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Module themes

S. No	Theme	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 must be allocated for clinical teaching and training at the bedside in different units as specified by the Pakistan Medical Commission

General learning outcomes

At the end of this module, the 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

Subject	Topic	Hours	S. No	Domain of learning	Learning objective <i>At the end of this session, the students of year 5 will be able to:</i>
Theme-1: Difficulty in swallowing and Epigastric Pain					
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
Theme-2: Yellow discoloration of the sclera					
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
Surgery	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
Pediatrics	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
Gynaecology	Obstetrics cholestasis in pregnancy/fatty liver	1		Cognitive	Discuss the management of cholestasis in pregnancy and fatty liver in pregnancy
Theme-3: Pain Abdomen and diarrhea					
Surgery	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
Pediatrics	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
Family medicine/ medicine	Approach to a patient with Abdominal Pain in a	1	35	Cognitive	Explain the approach, differential diagnosis, investigations, initial

	primary health care				management and indications for referral of a patient with Abdominal Pain in a primary health care setting
Theme-4: Constipation and bleeding per rectum					
Medicine	Approach to a patient bleeding Per rectum	1	36	Cognitive	Discuss the diagnostic workup and management approach for a patient with bleeding per rectum
Surgery	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
Pediatrics surgery	Hirschsprung's disease	1	41		Explain the etiology, clinical features, investigations, treatment of a child with Hirschsprung's disease

Hours distribution of different subjects in cognitive domain

S. No	Subject	Hours
	Medicine	5
	Surgery	10
	Pediatrics	5
	Gynaecology	2
	Pediatric surgery	1
	Total	23 hours