**Research Topics(Second level) -**

**راسبى الترم الأول من المستوى الثانى**

1. **GastrointentinalModule:**

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| **Items** | **Subtitles** |
| 1. **Dysphagia is a symptom complex charactarised by different functional, anatomical, pathological, and microbial disorders.** | * Review gastric pathology of dyspepsia * Review pathophysiological ofpancreaticobiliary secretion dyspepsia. * Review pathophysiological changesrelated to H.Pylori infection causingdyspepsia. |
| 1. **Dysphagia is a broad GIT symptom thatcould reflect a wild spectrum of functional,anatomical, and pathological disorders.** | * Review anatomical disorders causingdysphagia * Review pathophysiology of swallowingdysfunction. * Review common gross and microscopicpathologies at the gastroesophageal junction. |
| 1. **To live a healthy life, you should have ahealthy liver.** | * Review functional anatomy of the liver. * Portosystemic communication and itsimplications in portal hypertension and its   consequences.   * Pathophysiology of hyperbilirubinemia. * Different causes of liver cirrhosis and theirpathology. |
| 1. **The large intestine performs an essentialrole in the digestive tract** | * Review different pathophysiologicmechanisms of diarrhea. * Different pathologies of colonic polypsand their malignant transformation risk * Drugs affecting GIT motility * Pathogenesis and different pathognomonicfeatures in IBD |