

## Course Description Form

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| <b>1. Course Name:</b>  |  |
| Diseases of gastrointestinal tract<br>Bone pathology  |  |
| <b>2. Course Code:</b>  |  |
|   |  |
| <b>3. Semester / Year:</b>  |  |
| 2nd semester 2023/2024  |  |
| <b>4. Description Preparation Date:</b>   |  |
| 11/3/2024   |  |
| <b>5. Available Attendance Forms: attendance</b>  |  |
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| <b>6. Number of Credit Hours (Total) / Number of Units (Total):</b>                                       |  |
| 7. Theory(gastrointestinal tract):10 hours/year<br>Bone pathology: 4 hours/year<br>Practical: 3 hour/week |  |
| <b>8. Course administrator's name (mention all, if more than one name)</b>                                |  |
| Name: dr. Hind Alaa Abdul-Razzak<br>Email: hind.alaa@uobasra.edu.iq                                       |  |
| <b>9. Course Objectives</b>   |  |
| <b>Course Objectives</b>  | <ol style="list-style-type: none"> <li>1. Study the definition of Functional and Mechanical esophageal obstruction(achalasia and esophageal atresia)</li> <li>2. -define Esophageal varices</li> <li>3. -study Esophagitis : -Infectious and chemical</li> <li>4. -define Barrett's esophagus</li> <li>5. understand Esophageal carcinoma.</li> <li>6. Define Gastritis(Acute gastritis and Chronic)</li> <li>7. Study Gastric ulceration (Acute gastric ulceration</li> <li>8. peptic ulcers</li> <li>9. understand Gastric tumors</li> <li>10.study Gastric polyps</li> <li>11.outlines Gastric Carcinoma(Etiology and pathogenesis)</li> <li>12.define Malabsorption syndrome</li> <li>13.study Inflammatory bowel disease(Crohn's disease</li> <li>14.and Ulcerative colitis)</li> <li>15.outlines Tumors of small and large intestines</li> </ol> |

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|  | <p>16. define Non- neoplastic polyps</p> <p>17. study Adenomas</p> <p>18. define Familial polyposis syndromes</p> <p>19. outlines Colorectal carcinoma</p> <p>20. study Neoplasms of small intestine</p> <p>21. outlines Other tumors of gastro-intestinal tract , Gastro-intestinal (lymphoma and Carcinoid</p> <p>22. understand Appendix (acute appendicitis)</p> <p><b>bone pathology:</b></p> <ul style="list-style-type: none"> <li>• Define Osteoporosis</li> <li>• Understand Rickets and osteomalacia</li> <li>• Define Paget disease of bone</li> <li>• Understand Osteomyelitis</li> <li>• Outlines Bone tumors(Bone forming tumors: osteoma, osteoid osteoma, osteogenic sarcoma)</li> <li>▪ study Cartilage forming tumors: Osteochondroma <ul style="list-style-type: none"> <li>○ and Chondroblastoma</li> </ul> </li> <li>• outlines Miscellaneous tumors(Ewing sarcoma, Giant cell tumor)</li> <li>• study-Metastatic tumors of bone</li> </ul> |
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**10. Teaching and Learning Strategies**

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| <b>Strat</b> | <p>Explaining the scientific material through interactive theoretical lectures and dialogue answers with the participation of all students</p> <p>Distributing students into small groups in practical lessons and discussing common disease cases through presentations that include pictures of ophthalmic and microscopic examinations of diseases, in addition to glass slides and glass models.</p> |
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**11. Course Structure**

| Week                                 | Hours | Required Learning Outcomes   | Unit or subject name       | Learning method  | Evaluation method                                   |
|--------------------------------------|-------|--|----------------------------|--|---|
| 20 <sup>th</sup><br>21 <sup>st</sup> | 10    | <ul style="list-style-type: none"> <li>• Study the definition of Functional and Mechanical esophageal obstruction(achalasia and esophageal atresia)</li> <li>• -define Esophageal varices</li> <li>• -study Esophagitis : -Infectious and chemical</li> <li>• -define Barrett's esophagus</li> </ul> | Gastrointestinal pathology | Explaining the scientific material through interactive | Electron enrichment exams And the semi-annual exams |

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|    |   | <ul style="list-style-type: none"> <li>• understand Esophageal carcinoma.</li> <li>• Define Gastritis(Acute gastritis and Chronic)</li> <li>• Study Gastric ulceration (Acute gastric ulceration</li> <li>• peptic ulcers</li> <li>• understand Gastric tumors</li> <li>• study Gastric polyps</li> <li>• outlines Gastric Carcinoma(Etiology and pathogenesis)</li> <li>• define Malabsorption syndrome</li> <li>• study Inflammatory bowel disease(Crohn's disease</li> <li>• and Ulcerative colitis)</li> <li>• outlines Tumors of small and large intestines</li> <li>• define Non- neoplastic polyps</li> <li>• study Adenomas</li> <li>• define Familial polyposis syndromes</li> <li>• outlinesColorectal carcinoma</li> <li>• study Neoplasms of small intestine</li> <li>• outlinesOther tumors of gastro-intestinal tract , Gastro-intestinal (lymphoma and Carcinoid</li> <li>• understand Appendix (acute appendicitis)</li> </ul> |   | <p>theoret and<br/>l lecture final<br/>and exams.<br/>and dialogu<br/>answer<br/>with the<br/>particip<br/>on of all<br/>student</p> <p>Distrib<br/>ng<br/>student<br/>into sm<br/>groups<br/>practica<br/>lessons<br/>and<br/>discuss<br/>commo<br/>disease<br/>cases<br/>through<br/>present<br/>ons t<br/>include<br/>picture<br/>of<br/>ophthal<br/>c<br/>and<br/>microsc<br/>ic<br/>examin<br/>ons<br/>disease<br/>in<br/>additio<br/>to gl<br/>slides a<br/>glass<br/>models</p> |
| 26 | 4 | <ul style="list-style-type: none"> <li>• Define Osteoporosis</li> <li>• Understand Rickets and osteomalacia</li> </ul>   | <ul style="list-style-type: none"> <li>• <b>bo</b><br/><b>ne</b></li> </ul> |  |

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|  | <ul style="list-style-type: none"> <li>• Define Paget disease of bone</li> <li>• Understand Osteomyelitis</li> <li>• Outlines Bone tumors(Bone forming tumors: osteoma, osteoid osteoma, osteogenic sarcoma) <ul style="list-style-type: none"> <li>▪ study Cartilage forming tumors: Osteochondroma</li> <li>○ and Chondroblastoma</li> </ul> </li> <li>• outlines Miscellaneous tumors(Ewing sarcoma, Giant cell tumor)</li> <li>• study-Metastatic tumors of bone</li> </ul> | <b>pat<br/>hol<br/>og<br/>y:</b> |  |  |
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**12. Course Evaluation**

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| <p>1. Mid-year exams<br/> The theoretical exam: 20 marks<br/> Practical exam: 10 marks<br/> Total (annual pursuit) 30 marks</p> <p>2. Final exams<br/> The theoretical exam is 50 marks<br/> Practical exam: 20 marks<br/> The final exam total is 70 marks<br/> Final grade 100%</p> |
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**13. Learning and Teaching Resources**

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| Required textbooks (curricular books, if any)                      | Robbin's Basic Pathology 8 <sup>th</sup> Edition;<br>Kumar, Abbas, Fausto & Mitchell 2010   |
| Main references (sources)  | Robbin's Basic Pathology 8 <sup>th</sup> Edition;<br>Kumar, Abbas, Fausto & Mitchell 2010<br>Currans atlas of gross and histopathology  |
| Recommended books and references (scientific journals, reports...) | Robbin's Basic Pathology 8 <sup>th</sup> Edition;<br>Kumar, Abbas, Fausto & Mitchell 2010<br>2-Muir's Text Book of Pathology, 13 <sup>th</sup> Edition; Roderick N M MacSween & Keith Whaley 1994<br>3-Stevens: Core pathology, 3ed edition 2010.<br>Practical booklet 2010 |

Electronic References, Websites

Pathology outlines

Stevens: Core pathology, 3ed edition 2010.