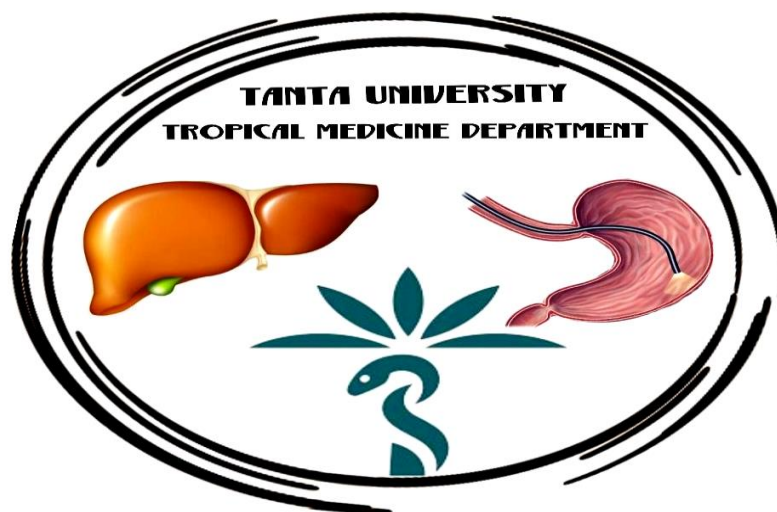




POSTGRADUATE TEACHING COURSE

MASTER DEGREE

**Tropical Medicine & Infectious
Diseases Department**



2019- 2020



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إرشادات مهمة لطلبة الماجستير

- أعضاء هيئة التدريس المسؤولين عن كل semester لهم الحرية الكاملة في إختيار طرق التدريس الخاصة بكل محاضرة.
- الطلبة المتقدمة لكل semester مطالبة بجميع الموضوعات الخاصة به سواء تم شرحها أم لا ويمكنهم إستشارة أعضاء هيئة التدريس في موضوع عند الحاجة.
- يجب على الطلبة الإلتزام بالحضور حيث أن نسبة الحضور الملزمة لدخول الإمتحان هي 75% على الأقل في المحاضرات و فى كل نشاط علمى على حدة.
- يجب على الطلبة الإلتزام بحضور المرور الإكلينيكي مع أعضاء هيئة التدريس وكذلك الأنشطة العلمية الاخرى الخاصة بالقسم من ندوات، مؤتمرات علمية، مناقشات الرسائل العلمية و journal clubs.
- يتم تسجيل كل نشاط للطالب فى كراسة المتابعة (Log book) و يمضى عضو هيئة التدريس المشرف على النشاط.



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Master Semester 3

Staff: Prof. Nadia Elwan

Ass. Prof. Mohamed Yousef

A- Temperature regulation, pathogenesis of fever and PUO

B- Bacterial infections:

1. Salmonella infections including enteric fever
2. Cholera
3. Other important bacterial gastrointestinal pathogens than salmonella and vibrio cholera including (Shigella, Campylobacter, E. Coli, Yersinia enterocolitica, Clostridium difficile)
4. Brucellosis
5. Tuberculosis
6. Tetanus
7. Diphtheria
8. Plague
9. Anthrax
10. Spirochetes including (Treponema, Leptospira)

C- Parasitic infections:

1. Malaria and Babesiosis
2. Leishmaniasis
3. Human Trypanosomiasis
4. Amoebiasis
5. Giardiasis
6. Toxoplasmosis
7. Cryptosporidiosis
8. Cyclosporiasis



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D. Helminthic infections:

- **Trematodes:**
 - Schistosomiasis
 - Fascioliasis
 - Other trematodes including (Fasciolopsis Buski and Heterophys Heterophys)
- **Cestodes:**
 - Taeniasis
 - Hymenolepis nana
 - Diphylobothrium latum
 - Hydatid disease (Echinococcus granulosus and multilocularis)
- **Nematodes:**
 - Ascariasis, ancylostomiasis, entrobiasis, capillariasis
 - Strongyloidiasis
 - Trichinosis
 - Dracunculus medinensis
 - Filariasis (lymphatic, subcutaneous and serous cavity)
- **Soil transmitted helminths**

E. Viral infections

- HIV: epidemiology, clinical features, management of HIV/AIDS and its opportunistic infections, prevention
- Viral haemorrhagic fevers
- Rabies

F. Meningitis: Viral and bacterial

G. Other important topics

- Diarrhea (Acute and chronic)
- Food poisoning including Botulism
- Generalized lymphadenopathy
- Anemia
- Peritonitis
- Heat disorders
- Antibiotics including (classification, mechanism of action and resistance)
- Immunization chemoprophylaxis and vaccination



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Master Semester 4

Staff: Prof. Mahmoud Anees

Prof. Asem Elfert

Dr. Reham Elkhoully

A. Disorders of the esophagus:

- Gastroesophageal reflux disease
- Barrett's esophagus

B. Disorders of the stomach and duodenum:

- H pylori infection
- Peptic ulcer disease

C. Disorders of the small and large bowel:

- Celiac disease and non-celiac gluten sensitivity
- Malabsorption syndrome
- Inflammatory bowel diseases
- Colorectal cancer (not including screening)

D. Gastrointestinal bleeding: Causes, evaluation and management

- Upper and lower GI bleeding

E. Other GI topics

- Abdominal pain
- Imaging of the gastrointestinal system

F. Disorders of the liver:

1. Assessment of liver function (invasive and non- invasive)
2. Hematological disorders of the liver
3. Enterically transmitted viral hepatitis: A & E
4. Hepatitis B and D
5. Hepatitis C
6. Hepatitis due to non- hepatotropic viruses
7. Acute liver failure
8. Hepatic fibrosis
9. Hepatic cirrhosis
10. Autoimmune hepatitis
11. Alcohol induced liver disease



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12. Metabolic liver diseases

- Nonalcoholic fatty liver disease
- α 1- antitrypsin deficiency
- hereditary hemochromatosis
- Wilson's disease

13. Cholestatic liver disease

- Primary biliary cirrhosis
- Primary sclerosing cholangitis

14. Complications of advanced liver disease

- Portal hypertension
- Hepatic encephalopathy
- Ascites and spontaneous bacterial peritonitis
- Hepatorenal syndrome

15. Hepatic tumors, cysts and abscesses

- Hepatic cysts
- Hepatic abscesses
- Hepatocellular carcinoma

16. Pregnancy related liver diseases

17. Vascular diseases of the liver

- Portal vein thrombosis
- Budd-Chiari syndrome

G. Disorders of the gallbladder and bile ducts

- Clinical approach to jaundice and cholestasis

H. Diseases of the spleen

- Splenomegaly
- Hypersplenism
- Tumors & infiltrations
- Splenic infarction



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Master Semester 5

Staff: Prof. Raafat Salah

Ass. Prof. Samah Soliman

Ass. Prof. Sherief Abdelsalam

A. Infectious diseases:

- Leprosy
- Mycobacterium infections other than TB
- Mycobacterium ulcerans disease
- Pneumocystis jirovecii infection
- Meliodiosis
- Rotavirus and other viral diarrheas
- Pathogenic and Opportunistic Free-Living Amebae: Agents of Human and Animal Disease
- Lung flukes
- Endemic treponematoses including yaws and other spirochetes
- Fungal Infections
- Nosocomial infections

B. Gastrointestinal diseases:

- Indications, precautions and complications of upper GI endoscopy
- Indications, precautions and complications of lower GI endoscopy
- Diverticular disease of the colon
- Irritable bowel syndrome
- Gastrointestinal foreign bodies
- Hereditary gastrointestinal cancer syndromes
- Colorectal cancer screening



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C. Liver diseases

- Drug induced liver injury
- The liver in systemic diseases

D. Nutrition

- Nutritional deficiencies
- Vitamin deficiencies
- Non-alcoholic fatty liver disease and nutrition

E. Causes of coma in the tropics



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Master Semester 6

Staff: Prof. Hanan Elbassat

Prof. Gamal Kassem

Dr. Rehab Badawy

A. Infectious diseases:

- Pneumococcal disease
- Sexually transmitted infections (excluding HIV)
- Travelers diarrhea
- Bird flu and swine flu
- Arbovirus infections
- Food-borne Trematodes

B. Gastrointestinal diseases:

- Polypectomy
- Wireless capsule endoscopy & deep small bowel enteroscopy
- ERCP
- Endoscopic ultrasound
- Malignant biliary diseases

C. Liver diseases:

- Hepatic adenomas
- Focal nodular hyperplasia
- Hepatic hemangioma
- Hepatic transplantation
- Liver transplantation in patients with hepatitis B, C or HIV infection



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D. Pancreatic diseases:

- Acute pancreatitis
- Chronic pancreatitis
- Autoimmune pancreatitis
- Pancreatic tumours

E. Nutrition:

- Nutritional anaemias
- Diet in liver diseases
- Dietetic therapy in gastrointestinal diseases
- Diet and fever