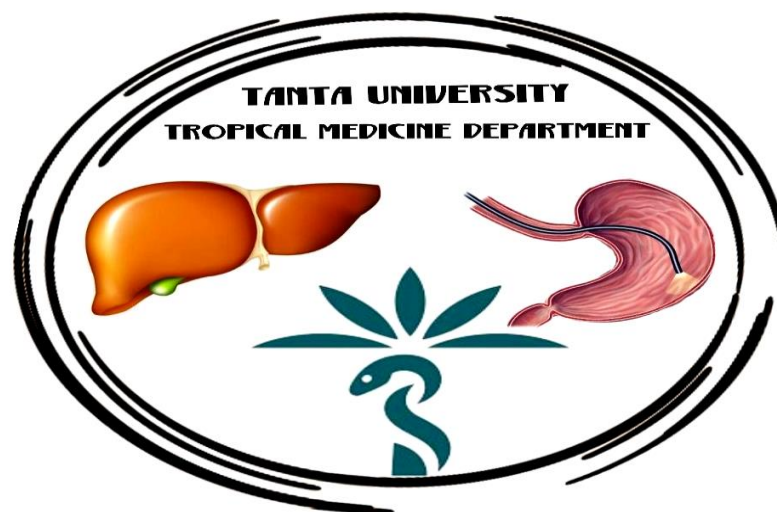




POSTGRADUATE TEACHING COURSE

DIPLOMA DEGREE

**Tropical Medicine & Infectious
Diseases Department**



2019- 2020



Tropical medicine and infectious diseases department



إرشادات مهمة لطلبة الدبلوم

- 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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Diploma Semester 3

Staff: Prof. Deena Hazim

Dr. Nehad Hawash

Dr. Mahmoud Zaki

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



D. Helminthic infections:

- **Trematodes:**
 - Schistosomiasis
 - Fascioliasis
 - Other trematodes including (Paragonimus Westermani, Fasciolopsis Buski and Heterophys Heterophys)
- **Cestodes:**
 - Taeniasis
 - Hymenolepis nana
 - Diphylobothrium latum
 - Hydatid disease (Echinococcus granulosus and multilocularis)
- **Nematodes:**
 - Ascariasis, ancylostomiasis, enterobiasis, 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



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- **Heat disorders**
- **Antibiotics including (classification, mechanism of action and resistance)**
- **Immunization chemoprophylaxis and vaccination**



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Diploma Semester 4

Staff: Prof. Sabri Abu Saif

Dr. Shaimaa Elsharawy

Dr. Eslam Habba

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

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**