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MINISTRY OF HEALTH OF UKRAINE
ODESSA NATIONAL MEDICAL UNIVERSITY
Faculty of Medicine
Department of infectious diseases



APPROVED
Vice rector on scientific and pedagogical work
Eduard BURACHKIVSKYI

01.09.2024

**STUDENT'S GUIDELINES
FOR SELF-INDIVIDUAL WORK
ON STUDY DISCIPLINE**

International faculty of dentistry, course 4
Infectious diseases
Content module 3

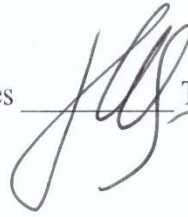
Approved:

Meeting of the Department of Infectious Diseases

Odessa National Medical University

Protocol No. 1 of 29.08.2024

Head of the Department of Infectious Diseases



Tetiana CHABAN

Teacher(s)

Chaban T.V. PhD. Doctor of Sciences, professor, head of the department.

Associate professors: candidate of medical science Usychenko K.M., Pavlenko O.V.,

Hudz V.A., Gerasymenko O.A., N.V. Movlyanova

Assistants: Verba N.V, Bocharov V.M.

Topic № 10: Viral hepatitis with fecal-oral transmission mechanism.

Goal: To form and improve students' knowledge of etiology, epidemiology, pathogenesis, clinical manifestations, diagnosis and treatment of viral hepatitis A and E.

Basic concepts: herpesvirus infections, DNA-containing viruses, lymphadenopathy, nucleoside and nucleotide antiviral drugs.

Plan:

1. Theoretical questions:

Viral hepatitis is a group of infectious diseases caused by primary hepatotropic viruses with fecal-oral and blood-contact transmission mechanisms, which are characterized by predominant liver damage.

The medical and social importance of hepatitis is determined by its high prevalence, the formation of severe complications, such as acute liver failure and hemorrhagic manifestations, as well as a long period of incapacity for work and a certain social stigmatization, which, unfortunately, still occurs in Ukraine.

Hepatitis with the fecal-oral transmission mechanism is an acute cyclic infectious disease caused by hepatitis A and hepatitis E viruses, transmitted through alimentary, water, and contact-household routes; characterized by initial general toxic, intoxication and dyspeptic symptoms, predominant liver damage, in some patients with a violation of its pigment function (jaundice), and a possible fulminant course in patients with a history of toxic liver damage or pregnant women.

Study material is located: 1. Infectious diseases: textbook / O.A.Golubovska, M.A. Andreychyn, A.V. Shkurba and others; under the editorship O.A. Golubovska 4th ed., revised. and added K.: VSV "Medicine", 2022. p. 236-245.

2. Questions for self-control:

- Etiology of viral hepatitis with fecal-oral transmission mechanism?
- Epidemiology, pathogenesis and clinic of VHA?
- Epidemiology, pathogenesis and clinic of VGE?
- Peculiarities of the course of HGE in pregnant women?
- Methods of laboratory diagnosis of hepatitis with fecal-oral transmission mechanism?
- Complication of hepatitis with fecal-oral transmission mechanism?
- Treatment of hepatitis with fecal-oral transmission mechanism?
- Specific prevention of hepatitis with fecal-oral transmission mechanism?

3. Tasks for processing theoretical materials.

- Compile a dictionary of basic concepts on the topic.

4. Practical tasks.

- Conduct a differential diagnosis of viral hepatitis A and adenovirus infection.
- Make a plan for a laboratory-instrumental examination of a patient suspected of HGA.
- Draw up a treatment plan for a patient with a jaundiced form of HGE.

5. Individual tasks for students of higher education:

Make an oral report on one of the suggested topics:

- The relevance of hepatitis with the fecal-oral transmission mechanism.
- A clinical case of VGE in a pregnant woman (based on an analysis of the scientific literature).

6. List of recommended literature:

Main:

1. Infectious diseases: textbook / O.A. Golubovska, M.A. Andreychyn, A.V. Shkurba and others; under the editorship O.A. Golubovska 4th ed., revised. and added K.: VSV "Medicine", 2022. p. 346-358.

Additional:

1. Infectious diseases. Course of lectures: study guide / E.V. Nikitin, K.L. Servetskyi, T.V. Shepherd [and others]. Odesa: ONMedU, 2012. p. 232-249. (Medical student library series).
2. Epidemiology in schemes: study guide / M.D. Chemych, N.G. Malysh, O.M. Chemych, N.I. Ilyina – Vinnytsia: Nova Kniga, 2020. – 256 p.
3. Atlas of infectious diseases / [M.A. Andreychyn, V.S. Kopcha, S.O. Kramarev and others]; under the editorship MA. Andreychyna – 2nd ed., corr. and added – Ternopil: Textbooks and manuals, 2017. – 288 p.
4. Infectious diseases: a textbook: in 2 volumes / edited by V.P. Malyo, M.A. Andreychyna – Lviv: Magnolia 2006, 2018. – Volume 2. - 726 p.
5. Infectious diseases: a textbook: in 2 volumes/ edited by V. P. Malyo, M. A. Andreychyna. – Lviv: Magnolia 2006, 2018. – T. 1. – 652 p.

Electronic information resources:

1. <http://moz.gov.ua>- Ministry of Health of Ukraine
2. www.ama-assn.org–American Medical Association /American Medical Association
3. www.who.int- World Health Organization
4. www.dec.gov.ua/mtd/home/- State Expert Center of the Ministry of Health of Ukraine
5. <http://bma.org.uk>– British Medical Association
6. www.gmc-uk.org- General Medical Council (GMC)
7. www.bundesaerztekammer.de– German Medical Association
8. <https://library.odmu.edu.ua/catalog/>- Electronic catalog