**“APPROVE”**

Head of the Preventive

Medicine Department

PhD, associated professor

\_\_\_\_\_\_\_\_\_\_\_S. Cebanu

**SYLLABUS**

**of practical work in epidemiology for students of the IV year,**

**Faculty of Stomatology, academic year 2024-2025**

|  |  |  |
| --- | --- | --- |
| Nr. | Topic | Hours |
|  | Epidemiological peculiarities of infectious and non-infectious morbidity. The determining and favoring factors in the development of infectious and non-infectious morbidity. The epidemic process and its structure. Manifestations of the epidemic process. | 2 |
|  | Measures directed to the mechanism of transmission. Sterilization and disinfection. Immunoprophylaxis. Emergency prophylaxis. | 4 |
|  | Epidemiology of respiratory infections (flu, COVID-19, diphtheria, measles, tuberculosis) and blood-borne infections (HIV infection, viral parenteral hepatitis). Prevention and control measures. | 4 |
|  | Healthcare associated infections. Components of infection control program in dental health care facilities. Standard and additional precautions. The problem of antimicrobial resistance. One Health approach. | 4 |
|  | Structure and content of the epidemiologic method of investigation. Basic concepts of epidemiologic diagnosis. Epidemiologic analysis of infectious and non-infectious morbidity. | 6 |
| Total |  | 20 |

Head of Epidemiology Discipline

Department of Preventive Medicine

PhD, associate professor Diana Spătaru

**“APPROVE”**

Head of the Preventive

Medicine Department

PhD, associated professor

\_\_\_\_\_\_\_\_\_\_\_S. Cebanu

**SYLLABUS**

**of lectures in epidemiology for students of the IV year,**

**Faculty of Stomatology, academic year 2024-2025**

|  |  |  |  |
| --- | --- | --- | --- |
| **Nr.** | **Topic** | **Hours** | **Lecturer** |
|  | Definition of epidemiology. Place and role of epidemiology in medical science and practice. The epidemic process. Theoretical basis for the study of the epidemic process. Structure, factors, mechanism of development and manifestations of the epidemic process in infectious and non-infectious diseases. Methods of epidemiologic studies. | 2 | A. Paraschiv |
|  | The system of anti-epidemic measures. Epidemiological measures directed to the source of pathogens, to the mechanism of transmission and receptivity (immunoprophylaxis). Prevention and control of infections in dental medical institutions. | 2 | L. Guțu |
|  | Epidemiological peculiarities of different groups of infectious diseases. Epidemiology and prophylaxis of airborne infections. | 2 | L. Guțu |
|  | Epidemiology and prophylaxis of healthcare associated infections, viral parenteral hepatitis and HIV infection. Standard and additional precautions. | 2 | L. Guțu |
|  | Public health emergencies. Infections with potential for global spread. Prevention and control measures. | 2 | I. Berdeu |
| **Total** | | **10** |  |

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