



## Clean Treatment - Safe Treatment

### Czyste Leczenie – Bezpieczne Leczenie

#### 1. IMPRINT

|                                                       |                                                                                                                                                                                                                                       |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Academic Year                                         | 2026/2027                                                                                                                                                                                                                             |
| Department                                            | Faculty of Medicine                                                                                                                                                                                                                   |
| Field of study                                        | Medicine                                                                                                                                                                                                                              |
| Main scientific discipline                            | Medical sciences                                                                                                                                                                                                                      |
| Study Profile                                         | General academic                                                                                                                                                                                                                      |
| Level of studies                                      | Uniform MSc                                                                                                                                                                                                                           |
| Form of studies                                       | Full time studies                                                                                                                                                                                                                     |
| Type of module / course                               | Non-compulsory (optional)                                                                                                                                                                                                             |
| Form of verification of learning outcomes             | Completion                                                                                                                                                                                                                            |
| Educational Unit / Educational Units                  | Department of Social Medicine and Public Health<br>Medical University of Warsaw<br>Medical Simulation Center<br>Banacha Campus<br>3a Pawińskiego St., 02-106 Warsaw<br>E-mail: <a href="mailto:msizp@wum.edu.pl">msizp@wum.edu.pl</a> |
| Head of Educational Unit / Heads of Educational Units | Prof. dr hab. n. med. Aneta Nitsch-Osuch                                                                                                                                                                                              |
| Course coordinator                                    | Dr hab. n. med. Patryk Tarka<br><a href="mailto:patryk.tarka@wum.edu.pl">patryk.tarka@wum.edu.pl</a>                                                                                                                                  |
| Person responsible for syllabus                       | Dr hab. n. med. Patryk Tarka<br><a href="mailto:patryk.tarka@wum.edu.pl">patryk.tarka@wum.edu.pl</a>                                                                                                                                  |
| Teachers                                              | Dr hab. n. med. Patryk Tarka<br><a href="mailto:patryk.tarka@wum.edu.pl">patryk.tarka@wum.edu.pl</a>                                                                                                                                  |

#### 2. BASIC INFORMATION

|                              |                                      |                        |      |
|------------------------------|--------------------------------------|------------------------|------|
| Year and semester of studies | IV year, summer, and winter semester | Number of ECTS credits | 2.00 |
|------------------------------|--------------------------------------|------------------------|------|

| FORMS OF CLASSES                        | Number of hours | ECTS credits calculation |
|-----------------------------------------|-----------------|--------------------------|
| Contacting hours with academic teacher  |                 |                          |
| Lecture (L)                             |                 |                          |
| Seminar (S)                             | 30 (e-learning) | 1.20                     |
| Classes (C)                             |                 |                          |
| e-learning (e-L)                        |                 |                          |
| Practical classes (PC)                  |                 |                          |
| Work placement (WP)                     |                 |                          |
| <b>Unassisted student's work</b>        |                 |                          |
| Preparation for classes and completions | 20              | 0.8                      |

### 3. COURSE OBJECTIVES

|    |                                                                                                             |
|----|-------------------------------------------------------------------------------------------------------------|
| O1 | Presentation of transmission modes and methods to prevent the spread of infectious in the human population. |
| O2 | Familiarizing students with the principles of proper aseptic and antiseptic procedures.                     |
| O3 | Familiarizing students with the ability to perform disinfection and sterilization procedures in the office. |

### 4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING

| Code and number of the effect of learning in accordance with standards of learning | Effects in the field of: <i>(in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i> |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

#### Knowledge – Graduate\* knows and understands:

|        |                                                                                                                                                  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| C.W13. | epidemiological background of viral, bacterial, fungal and parasitological infections including the geographical distribution of microorganisms; |
| C.W18. | symptoms of iatrogenesis, the ways of its distribution and pathogens causing changes in particular organs;                                       |
| C.U6.  | assess environmental threats and use the basic methods to detect the presence of harmful factors (biological and chemical) in biosphere;         |

#### Skills– Graduate\* is able to:

|        |                                                                                                               |
|--------|---------------------------------------------------------------------------------------------------------------|
| E.W32  | E.W32. basics of prevention and procedures in case of professional exposure to dangerous and harmful factors; |
| C.W 20 | basics of disinfection, sterilisation and aseptic procedure;                                                  |

\* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

## 5. ADDITIONAL EFFECTS OF LEARNING *(non-compulsory)*

| Number of effect of learning                        | Effects in the fields of: |
|-----------------------------------------------------|---------------------------|
| <b>Knowledge – Graduate knows and understands:</b>  |                           |
| K1                                                  |                           |
| <b>Skills– Graduate is able to:</b>                 |                           |
| S1                                                  |                           |
| <b>Social Competencies – Graduate is ready for:</b> |                           |
| SC1                                                 |                           |

## 6. CLASSES

| Form of class | Class contents                                                                                                                                                                                                                                                                                                                                                                                  | Effects of Learning             |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| –e-Seminar 1  | Characteristics of blood-borne virus viruses                                                                                                                                                                                                                                                                                                                                                    | C.W13.,C.W18.,C.U6.,E.W32,C.W20 |
| –e-Seminar 2  | Prevention after occupational exposure on biological material — HIV, HBV, HCV — in clinical practice                                                                                                                                                                                                                                                                                            | C.W13.,C.W18.,C.U6.,E.W32,C.W20 |
| –e-Seminar 3  | WHO guidelines on hand hygiene in health care<br>When to Perform Hand Hygiene<br>How to perform hand hygiene<br>Hand hygiene special issues<br>Skin Care<br>Hand hygiene in practice                                                                                                                                                                                                            | C.W13.,C.W18.,C.U6.,E.W32,C.W20 |
| –e-Seminar 4  | Contact Dermatitis Training Module<br>Occupational Contact Dermatitis<br>Irritant Contact Dermatitis<br>Contact Urticaria (including latex allergy)<br>Risk factors for the development of Occupational Contact Dermatitis<br>How is Occupational Contact Dermatitis diagnosed?<br>Skin Care<br>What to do if contact dermatitis develops: Early recognition and referral process<br>Case Study | C.W13.,C.W18.,C.U6.,E.W32,C.W20 |
| –e-Seminar 5  | Decontamination and Reprocessing of Medical Devices for Health-care Facilities<br>Disinfectant efficacy testing                                                                                                                                                                                                                                                                                 | C.W13.,C.W18.,C.U6.,E.W32,C.W20 |

## 7. LITERATURE

### Obligatory

1. World Health Organisation. WHO Guidelines on Hand Hygiene in Health Care. In: World Alliance for Patient Safety, editor. First Global Patient Safety Challenge Clean Care is Safer Care. 1 ed. Geneva: World Health Organisation Press; 2009.
2. Global Guidelines for the Prevention of Surgical Site Infection. Geneva: World Health Organization; 2018.

3. Decontamination and reprocessing of medical devices for health-care facilities World Health Organization, Geneva (2016)

#### Supplementary

1. EASL <https://www.easl.eu/>, AASLD <https://www.aasld.org/>, IDSA [www.idsociety.org/](http://www.idsociety.org/)
2. <http://www.cdc.gov/hai> - types of infection, guidelines, prevention, laboratory testing.

### 8. VERIFYING THE EFFECT OF LEARNING

| Code of the course effect of learning | Ways of verifying the effect of learning                                                | Completion criterion                                                                                                                                                                                                            |
|---------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C.W13.,C.W18.,C.U6.,E.W32,C.W20       | 1. Written reports<br><br>2. Final test 20 single-choice questions, in e-learning form. | 1. credit<br><br>2. Final test:<br>Grade<br>Criterion<br>2,0 (failed) < 8 pkt<br>3,0 (acceptable) 9-11 pkt<br>3,5 (acceptable plus) 12-14 pkt<br>4,0 (good) 15-16 pkt<br>4,5 (good plus) 17-18 pkt<br>5,0 (very good) 19-20 pkt |

### 9. ADDITIONAL INFORMATION

The course is available on the platform [www.e-learning.wum.edu.pl](http://www.e-learning.wum.edu.pl).  
Student must learn all materials uploaded to the modules on the platform.  
Student must pass the final test (available on the e-learning platform) to obtain a credit.  
Two attempts for the final test are allowed.  
Printing the certificate is possible only if the student has fulfilled criteria: passed the final test and written reports

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#### ATTENTION

The final 10 minutes of the last class of the block/semester/year should be allotted for students to fill out the Survey of Evaluation of Classes and Academic Teachers