



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 Medical University of Warsaw Medical Simulation Center Banacha Campus 3a Pawińskiego St., 02-106 Warsaw E-mail: msizp@wum.edu.pl
Head of Educational Unit / Heads of Educational Units	Prof. dr hab. n. med. Aneta Nitsch-Osuch
Course coordinator	Dr hab. n. med. Patryk Tarka patryk.tarka@wum.edu.pl
Person responsible for syllabus	Dr hab. n. med. Patryk Tarka patryk.tarka@wum.edu.pl
Teachers	Dr hab. n. med. Patryk Tarka patryk.tarka@wum.edu.pl

2. BASIC INFORMATION

Year and semester of studies	I -II,III year, summer, and winter semester	Number of ECTS credits	2.00
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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)		
Unassisted student's work		
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 29th of September 2023)</i>
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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.W20.	basics of disinfection, sterilisation and aseptic procedure;

Skills– Graduate* is able to:

C.U6.	assess environmental threats and use the basic methods to detect the presence of harmful factors (biological and chemical) in biosphere;
E.W32.	basics of prevention and procedures in case of professional exposure to dangerous and harmful factors;
E.U24	monitor the patient's condition in acute chemical or medication poisoning;

* In appendix to the Regulation of Minister of Science and Higher education from 29th of September 2023 „graduate”, not student is mentioned.

5. ADDITIONAL EFFECTS OF LEARNING <i>(non-compulsory)</i>	
Number of effect of learning	Effects in the fields of:
Knowledge – Graduate knows and understands:	
K1	
Skills– Graduate is able to:	
S1	
Social Competencies – Graduate is ready for:	
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.W20,C.U6,E.W32. E.U24
–e-Seminar 2	Prevention after occupational exposure on biological material — HIV, HBV, HCV — in clinical practice	C.W13,C.W18,C.W20,C.U6,E.W32. E.U24
–e-Seminar 3	WHO guidelines on hand hygiene in health care When to Perform Hand Hygiene How to perform hand hygiene Hand hygiene special issues Skin Care Hand hygiene in practice	C.W13,C.W18,C.W20,C.U6,E.W32. E.U24
–e-Seminar 4	Contact Dermatitis Training Module Occupational Contact Dermatitis Irritant Contact Dermatitis Contact Urticaria (including latex allergy) Risk factors for the development of Occupational Contact Dermatitis How is Occupational Contact Dermatitis diagnosed? Skin Care What to do if contact dermatitis develops: Early recognition and referral process Case Study	C.W13,C.W18,C.W20,C.U6,E.W32. E.U24
–e-Seminar 5	Decontamination and Reprocessing of Medical Devices for Health-care Facilities Disinfectant efficacy testing	C.W13,C.W18,C.W20,C.U6,E.W32. E.U24

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/
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.W20,C.U6,E.W32. E.U24, G.K1, G.K2	1.Written reports 2.Final test 20 single-choice questions, in e-learning form.	1. credit 2.Final test: Grade Criterium 2,0 (failed) < 8 pkt 3,0 (acceptable) 9-11 pkt 3,5 (acceptable plus) 12-14 pkt 4,0 (good) 15-16 pkt 4,5 (good plus) 17-18 pkt 5,0 (very good) 19-20 pkt

9. ADDITIONAL INFORMATION

The course is available on the platform 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