



Clean Treatment - Safe Treatment

1. IMPRINT

Academic Year	2024/2025
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 3a Pawińskiego St., 02-106 Warsaw E-mail: zmsizp@wum.edu.pl
Head of Educational Unit / Heads of Educational Units	Prof. dr hab. n. med. Aneta Nitsch-Osuch

Course coordinator (<i>title, First Name, Last Name, contact</i>)	Dr hab. n. med. Patryk Tarka E-mail: patryk.tarka@wum.edu.pl
Person responsible for syllabus (<i>First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported</i>)	Dr hab. n. med. Patryk Tarka E-mail: patryk.tarka@wum.edu.pl
Teachers	Dr hab. n. med. Patryk Tarka

2. BASIC INFORMATION

Year and semester of studies	I-V 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)	1.00
Classes (C)			
e-learning (e-L)			
Practical classes (PC)			
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions		30	1.00

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 effect of learning in accordance with standards of learning

(in accordance with appendix to Regulation of Minister of Science and Higher education from 26th July 2019)

Effects in the field of:

Knowledge – Graduate* knows and understands:

G.K1	Implementation of infection control program
G.K2	Recognition of nosocomial infection risk factors.
C.W11	the epidemiology of viral, bacterial, fungal and prion infections and parasitic infections, including their geographical distribution;
C.W14	aetiology, pathogenesis, pathophysiology, routes of transmission, forms and prevention of iatrogenic infections;
C.W17	principles of disinfection, sterilisation and aseptic management;
E.W31	the basic issues of prevention and the management of occupational exposure to hazardous and noxious agents;
E.W33 (1-5)	procedures in the case of detection of an infectious disease;
E.W34	procedures for exposure to potentially infectious material;

Skills– Graduate* is able to:

G.S1	Planning the control of reprocessing in the area disinfection and sterilization
E.U15	use personal protective equipment appropriate to the clinical situation;

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

Number of effect of learning

Effects in the field of:

Knowledge – Graduate knows and understands:

K1	
K2	

Skills– Graduate is able to:

S1	
S2	

Social Competencies – Graduate is ready for:

SC1	
SC2	

6. CLASSES

Form of class	Class contents	Effects of Learning
–e-Seminar 1	Characteristics of blood-borne virus viruses	C.W 11,C.W 14,E.W33,E.W31, G.K1
–e-Seminar 2	Prevention after occupational exposure on biological material — HIV, HBV, HCV — in clinical practice	E.W 31,E.W34. G.K2
–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.W17, E.W 31, E.U15. G.K2
–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.W17,E.W 31, E.U15.
–e-Seminar 5	Decontamination and Reprocessing of Medical Devices for Health-care Facilities Disinfectant efficacy testing	C.W17, G.S1

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.W 11, C.W 14, C.W17, E.W31, E.W33, E.W34, E.U15. 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

Medical University of Warsaw has property rights, including copyright, to the syllabus. The syllabus may be used for educational purposes at the MUW only. Using of the syllabus for other purposes requires consent of the MUW.

ATTENTION

The final 10 minutes of the last class in the block/semester/year should be allocated to students' Survey of Evaluation of Classes and Academic Teachers.