

COMPULSORY LEARNING FOR STUDENTS OF GENERAL MEDICINE AND DENTISTRY ON SAFETY AND HEALTH PROTECTION AND FIRE PROTECTION DURING A SUMMERSHIP IN A MEDICAL FACILITY

INFORMATION ON RISK FACTORS WHEN WORKING IN A MEDICAL FACILITY

Students may be exposed to some of the following risks in a healthcare environment during their Summership:

BIOLOGICAL – possible transmission of infection, the source of which can be biological material, contaminated tools, used medical aids and means, used laundry, infectious waste, injury from used sharp objects.

CHEMICAL – action of chemical substances, e.g. when diluting medicines and medical preparations, disinfectants. Preparations are marked with a warning sign according to the type of hazard.

PHYSICAL – action of physical forces and quantities, e.g. ionizing radiation, work with electrical devices, etc.

ERGONOMIC – e.g. when handling heavy objects or patients inappropriately.

PSYCHOSOCIAL – burden on the psyche of the student during the performance of the profession.

MECHANICAL – risk of falling, injury by sharp objects (injection needles, scissors, scalpel, etc.).

PROCEDURE FOR EXTRAORDINARY EXPOSURE TO BIOLOGICAL MATERIAL - IN CASE OF INJURY BY SHARP OBJECTS

In accordance with the Methodological Instruction of the Ministry of Health, File no. MZDR 36368/2007 to ensure a uniform procedure for medical facilities and public health protection in the area of prevention of viral hepatitis A (VHA), B (VHB), C (VHC), D (VHD) and E (VHE) this mandatory procedure is issued at injury to persons by an unknown or used injection needle or by extraordinary exposure to biological material.

Procedure in case of injury:

1. **CLEANING/DISINFECTION OF THE INJURY SITE:** Let the wound bleed for a few seconds, then wash it thoroughly with soap or a detergent solution for a few minutes and then disinfect it with a product with a virucidal effect. In the case of minor injuries that practically do not bleed, start washing immediately or induce bleeding by pressing on the area around the injury.
2. **REPORT INJURIES TO THE HEAD NURSE** of the clinical workplace, incl. writing an injury record in the accident book. The student requests a copy of the record for their own use.

3. COLLECTION OF A STUDENT'S BLOOD SAMPLE to check the status of immunity against viral hepatitis VHA, VHB, VHC at your general practitioner, at the following time intervals:
 - up to 72 hours after the injury occurred
 - 1 month from the injury
 - In 6 months from the injury
4. REPORTING THE INJURY TO THE PRACTICAL PHYSICIAN of the student, who determines the next procedure in accordance with the methodological instruction of the Ministry of Health, ID no. MZDR 36368/2007, in case of unavailability of a general practitioner, contact the secretariat of the Institute of Nursing Theory and Practice of the 1st Faculty of Medicine of the UK, Mrs. Kateřina Čermáková, katerina.cermakova@lf1.cuni.cz
5. Injuries REPORT BY EMAIL TO THE SECRETARIAT OF THE INSTITUTE OF THEORY AND PRACTICE IN NURSING, 1. LF UK, **incl. sending a copy of the accident/injury record from the workplace.** Contact: katerina.cermakova@lf1.cuni.cz, add UTPO preference in the copy of the email, beata.svarova@lf1.cuni.cz.

SAFETY AND HEALTH AND FIRE PROTECTION INSTRUCTIONS

In order to protect his own health and the health of other natural persons, the student acknowledges and is obliged to:

- Evidence of medical fitness to practice in accordance with Ministry of Health Decree No. 271/2012 Coll. Study department
- Before starting practice, it is necessary to undergo mandatory vaccination against viral hepatitis B in accordance with Decree of the Ministry of Health No. 537/2006 Coll., on vaccination against infectious diseases (§ 9, paragraph 1), as amended, and to document its completion in one of the following forms :
 - o Written confirmation issued by the health service provider about the vaccination
 - o Photocopy of the vaccination certificate and presentation of its original for inspection
 - o Written confirmation issued by the health service provider
 - o HDsAg antibody titer examination with a protective level exceeding 10IU/liter.
- Do not use alcoholic beverages and other addictive substances during the summer professional practice in medical facilities.
- Always come to class mentally and physically fully prepared.
- Comply with legal and other regulations and instructions to ensure safety at work, observe the principles of safe behavior, established work procedures and hygiene regimes during professional practice in healthcare facilities.
- Immediately notify the head nurse in accordance with the instructions of the clinical workplace of deficiencies and defects that could endanger work safety or cause a fire.
- Do not bring large sums of money, jewelry and other valuables to professional practice.

- At practice, change into protective work clothes according to the requirements of the medical workplace: white T-shirt and trousers, medical shoes with a strap over the heel, be marked with a school ID card (ISIC). Store civilian clothes in designated places.
- Take part in training before starting professional practice on the principles of compliance with work safety and fire protection at the given workplace.
- Immediately report the accident to the head nurse.
- Report the theft or loss of personal belongings to the head nurse.
- Act in such a way as not to cause a fire, endanger the life and health of persons and property. To provide adequate assistance in the event of fire, natural disaster and other extraordinary events. Extinguish the fire or take the necessary measures to prevent its spread and report it immediately (to the head of the department, fire reporting office) - Act No. 133/1985 Coll., as amended;
- In accordance with Act 372/2011 Coll., on health services, the student is obliged to maintain confidentiality about all facts related to personal data about patients, which he learns during professional practice.
- Take care of his own health and the health of other people who may be affected by his behavior. He is obliged to observe the principles of safe behavior during professional practice.
- They may not enter technical medical facilities (e.g. electrical switchboards, boiler rooms, etc.).
- May not manipulate machinery and equipment unless it is part of professional practice. He is obliged to follow the set operating instructions, with which he must be familiar.
- Is obliged to use personal protective equipment if it is part of the activity being performed.

FIRE PROTECTION TRAINING

- In the event of a fire, inform all persons who could be threatened by the fire, usually by calling "F I R E". Furthermore, everyone is obliged to try to extinguish the fire, remove flammable and other dangerous substances from its vicinity. Calling the fire department: We will inform the fire reporting office place (address) of the fire, what is burning, your name and the phone number from which you are calling.
- When a fire alarm is announced, all persons leave the threatened area immediately, with the exception of those performing firefighting or evacuation work. It is mandatory to report a workplace fire in a medical facility, even if the fire is self-extinguished.
- Using portable fire extinguishers in accordance with the instructions for use (the appropriate type of fire extinguisher for the given type of fire. We follow the instructions given on each fire extinguisher.