

---

Course title: CLINICAL SKILLS 1/5

ECTS credit allocation (and other scores): 1

Semester: autumn

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 20

Course coordinator/ Department and e-mail: Rakesh Jalali MD,PhD, /Department of Emergency Medicine/  
rakesh.jalali@uwm.edu.pl

Type of classes: classes

---

#### Substantive content

CLASSES: Asepsis and antisepsis. The ways of spreading cross-infections. Types of hand washing and putting on sterile gloves. Vital signs assessment with and without using medical equipment. Abnormalities in vital signs. Sprains, strains, fractures and dislocations. Management in the case of strains – RICE. Assessment of sensation, movement and circulation distally to the injured place. Assessment of pulse over radial, brachial, carotid, femoral, popliteal, dorsal pedis and tibial posterior. Prehospital immobilization techniques. Intravenous access: indication and contraindications to obtain IV access, possible complications. IV drugs administration. Taking blood samples. Removing IV cannula of the vein. Other ways to administer medications: oral, conjunctival, nasal, subcutaneous, intramuscular. Prehospital management of wounds. Types of wounds. Cardiopulmonary resuscitation with the use of AED.

Learning purpose: After finishing the Clinical Skills course, Student will be able to implement basic practical procedures, which are vital for medical professionals

---

Knowledge: He knows the current guidelines for cardiopulmonary resuscitation of newborns, children and adults

Skills: Implement to the principles of aseptic and antiseptics, perform temporary limb immobilization, choose the type of immobilization/cast and be able to check correctly limb arterial circulation/ signs of limb ischemia after applying the immobilizing dressing;

Social Competencies: is aware of own limitations and recognizes the need for continuous education to be up to date with medical knowledge, observes and applies the principles of academic and professional ethics as well as professional image, academic, social and professional professionalism

Supplementary literature: ERC GUIDLINES 2015, First aid, St. John Ambulance, St. Andrew's Ambulance Association and British Red Cross Society.

---

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 20

Student's independent work: 5