**Teaching program for obligatory subject on 5th year Faculty of Medicine (English Division)
in academic year 2018/2019**

**1. Subject: Internal medicine - Cardiology**

**2. Person responsible: Prof. dr hab. med. Andrzej Mysiak**

**3. Names of the lectors:**

|  |  |
| --- | --- |
| **Classes:** |  |
|  | * **Dr hab. n. med. Wiktor Kuliczkowski**
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|  | * **Dr hab. n. med. Marcin Protasiewicz**
 |
|  | * **Dr hab. n. med. Tomasz Witkowski**
 |
|  | * **Dr n. med. Małgorzata Kobusiak-Prokopowicz**
 |
|  | * **Dr n. med. Konrad Kaaz**
 |
|  | * **Dr n. med. Tomasz Kotwica**
 |
|  | * **Dr n. med. Hanna Szczepanik-Osadnik**
 |
|  | * **Lek. med. Anna Kamila Woźnicka**
 |
|  | * **Lek. med. Magdalena Cielecka-Prynda**
 |
|  | * **Lek. med. Maciej Kabaj**
 |
|  | * **Lek. med. Wojciech Kosowski**
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**4. Name of the Department/ Departments: Katedra i Klinika Kardiologii**

**5. Year: V, Semester : IX and X**

**6. Number of hours:**

|  |  |
| --- | --- |
| **Departments who participate in subject** | **Winter semester** |
| **Lecture** | **Classes** | **Seminar** |
| **Katedra i Klinika Kardiologii** | **0** | **3** | **0** |
| **Departments who participate in subject** | **Summer semester** |
| **Lecture** | **Classes** | **Seminar** |
| **Katedra i Klinika Kardiologii** | **2** | **3** | **0** |

**7. The aim of the teaching subject and the effect of education- skills and competence**:

-taking history,

-physical examination with proper interpretation of abnormalities found on examination

-establishing diagnosis

-proposing differential diagnosis

-planning diagnostic procedures and therapy in major cardiovascular disorders

**8. The essential issues of the subject:**

The aim of the teaching program is to provide a basic knowledge on the diagnostics and treatment of cardiovascular disorders. Students are expected to acquire the abilities of taking a medical history and performing a physical examination, both particularly aimed at cardiovascular diseases. One of the most important skills expected from students is the correct interpretation of resting and exercise ECGs. On the basis of the data obtained from the history and physical examination as well as ECG and basic additional tests, students should be able to make an initial diagnosis and differential diagnosis, to plan the extended cardiologic diagnostics, and to devise the treatment strategies. One of the purposes of the training is creating the acceptance of the necessity of prophylactic measures in patients with cardiovascular disorders, which is especially relevant in view of the fact that the diseases of heart and vessels are the principal cause of increased mortality in modern societies.

**9. The course detailed program (classes):**

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| **Winter semester - classes** |
| Practical training 1. | Diagnostics and treatment of stable coronary heart disease | All lectors |
| Practical training 2. | Diagnostics and treatment of acute coronary syndromes. | All lectors |
| **Summer semester - classes** |
| Practical training 1. | Diagnostics and treatment of supraventricular arrhythmias. Implantable pacemakers. | All lectors |
| Practical training 2. | Diagnostics and treatment of ventricular arrhythmias. Implantable cardioverters/defibrillators; resynchronization therapy. | All lectors |

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**10. Literature:**

1. Dennis Kasper, Anthony Fauci, Stephen Hauser, Dan Longo, J. Larry Jameson, Joseph Loscalzo Eds. Harrison's Principles of Internal Medicine, McGraw-Hill; 19 edition, 2015
2. Braunwald’s Heart Disease. A Textbook of Cardiovascular Medicine. 7th or 8th Edition. Elsevier.
3. The ESC Textbook of Cardiovascular Medicine. Blackwell Publishing.
4. The Guidelines of the European Society of Cardiology
<http://www.escardio.org/knowledge/guidelines/>