Themes of lectures, practical seminars and self-training for the course

DESCRIPTIVE AND INFERENTIAL STATISTICS IN MEDICAL RESEARCH,

Fourth year students, Faculty Medicine 2

Date: 11.11-22.11

Nr. d/o	THEME	Number of hours		
		Lectures	Practical hours	Self-training
1.	Biostatistics – general concepts and definitions. Types of data. Scales of measurement. Graphical presentation of data. Practical application in EpiInfo/EXCEL.	2	2	2
2.	Descriptive statistics: Measures of Central Tendency and Variability. Correlation. Practical application in EpiInfo/EXCEL.	2	2	2
3.	Direct and indirect methods of standardization. Practical application in EXCEL.	2	2	2
4.	Inferential statistics. Hypothesis testing. Parametric and non-parametric tests. Practical application in EpiInfo/EXCEL.	4	4	4
Total		10	10	10

Professor in charge of international students

Dr. Olga Penina