During the period from 6th to 8th July 2018 16th International Conference on Informatics, Management in Technology and Healthcare (ICIMTH 2018) was held in Athens. The title of the 16th ICIMTH Conference was: “Data Informatics and Technology: an Inspiration for Improved Healthcare”. At the Conference were presented: 6 keynotes, 70 papers, 29 poster presentations, 1 Invited workshop and 1 Special Panel Session by presenters from over 30 countries in the world. The conference represents one of the largest European gathering in the field of Medical informatics (Biomedical informatics, Biomedical Engineering, Information Science, Health Informatics, Clinical Informatics, Public Health Informatics, Healthcare IT, Decision Support and Intelligent Systems, Diagnostic Technologies for Medical Decision Support, Formalisation of Knowledge, Ontologies, Clinical Guidelines and Standards of Healthcare, Telemedicine, Interoperability in Healthcare Systems, Imaging, Health Information Management, Knowledge Management, Health Technology Assessment, E-learning and Education, Robotics and Virtual Reality, Socio-Economic Issues, Standards, Social and Legal Issues).

Subject “Medical Informatics” at Universities in Bosnia and Herzegovina - What is the Real Status?

1. INTRODUCTION
Medical Informatics (MI) is the application of computer science and information science principles to the study of clinical medicine, as well as modern scientific research, Medical Informatics in theory should be an important tool in creating a new medical worker (1, 2). With development of information technologies and information systems, Medical Informatics in Bosnia and Herzegovina (B&H) joined the Bologna Process in 2003. Bologna Process represents a modern approach to higher education system and represents an analysis of the existence of the subject “Medical Informatics” at the Medical faculties in Bosnia and Herzegovina. The fact is that Medical Informatics in B&H joined the Bologna Process in 2003. Bologna Process represents a modern approach to higher education system and represents an analysis of the existence of the subject “Medical Informatics” at the Medical faculties in Bosnia and Herzegovina. The question remains, but the fact is that Medical Informatics deserves a place in the syllabuses related to study of clinical medicine.

2. METHODS
The paper has a descriptive character, and represents an analysis of the existence of the subject “Medical Informatics” at the Medical faculties in Bosnia and Herzegovina. The data were taken from available syllabuses related to study of clinical medicine, as well as modern scientific research, Medical Informatics (3) points in local language (as an elective subject), with 2 European Credit Transfer and Accumulation System (ECTS) points in English language (as an elective subject). The syllabuses of Medical Informatics at the Medical School, Sarajevo School of Science and Technology, the Faculty of Medicine, University of Sarajevo, Faculty of Medicine, University of Zenica, Faculty of Pharmacy Sarajevo University, Faculty of Pharmacy East Sarajevo University, Faculty of Pharmacy Sarajevo School of Science and Technology, Medical Informatics in Medicine II 15+15 1

3. RESULTS
From the analyzed syllabuses, it can be found that Medical Informatics can be divided into two sessions: the first session is focused on the theory of Medical Informatics and the second one on the practice of Medical Informatics. The first session is focused on the theory of Medical Informatics and the second one on the practice of Medical Informatics. The system has stored the correct answers to these questions and mistake is made and can take second test until all the answers are correct. Online Tests and Quizzes are one of the aspects of distance learning which should ensure high educational standards to students and teaching staff, and can help medical staff to develop Lifelong learning way of life” (4).

4. DISCUSSION
The existence of Medical Informatics at different studies:

2. Methods - online test and quizzes: online tests and quizzes are one of the aspects of distance learning which should ensure high educational standards to students and teaching staff, and can help medical staff to develop Lifelong learning way of life” (4).

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Health Informatics”. Special Panel Session chaired by George Mihalas with title: “Interdisciplinarity in Medical Informatics” (panelists were: Arie Hasman, Reinhold Haux, John Mantas and Lacramioara Stoicu-Tivadar). All keynotes and paper and poster presentations were followed by interesting discussions. Participants were able to participate with presentations of full papers and posters and all gathered had the opportunity to learn about the latest developments in the world of biomedicine and to see many presentations about the use of information technology in the world of medicine, especially within the scope of the conference – about data, informatics and technology which are now very important in organizing good or better healthcare systems and subsystems in countries from which presenters came. How Conference was important talk the fact that at the ICIMTH 2018 Conference as participants were: 7 academicians of International Academy of Health Sciences Informatics (IAHSI), 6 past Presidents and 6 Honorary Fellows of the European Federation for Medical Informatics (EFMI) and 3 former Chairs of MIE Conferences (Rolf Engelbrecht – MIE 2000 in Hanover, Germany, Izet Masic – MIE 2009 in Sarajevo, Bosnia and Herzegovina and Anne Moen – MIE 2017 in Gothenburg, Sweden). This conference was open by current president of EFMI – Christian Lovis Great job of reviewed and selected papers which were presented at ICIMTH 2018 made by Arie Hasman. The Organizing Committee, led by John Mantas and his team, who did a really great job, and we hope that this Conference next year will attract larger number of participants, because event like this certainly deserves it.

All papers are published in the Proceedings published by IOS Press publisher, Amsterdam, and papers are indexed in MEDLINE. Presented papers show that Information technology certainly have growing use in medicine and its use certainly represents the future of clinical medicine.

The field of medical informatics, after increase in the development in late 90s and stagnation in the beginning of the 21st century, returns its direction to development, and is a field where many new achievements are possible, and as such, requires more events like this.

Author of this report presented very integrative review of Medical informatics subject in Bosnia and Herzegovina and Europe and the world and show how many differences exists with curricula/silabuses, contents, concepts, methods and methodology of education of Medical informatics, beside existing recommendations by IMIA and its expert bodies and working groups.