The International Conference Electronic Healthcare Documentation was held on 11 February 2016 in the House of Physicians in Prague, Czech Republic. Jointly organized by the EuroMISE Mentor Association and Czech Society of Biomedical Engineering and Medical Informatics, the conference was performed under the auspices of Charles University in Prague, First Faculty of Medicine. The event was opened by short speeches of Stéfan Sváčina, President of the Czech Medical Association J.E. Purkyně, Bernd Blobel, Chair of the Scientific Program Committee, and Jana Zvárová, Chair of the Conference Organizing Committee. The morning program was divided into two sections. The first section was opened by the Keynote Lecture “Developments in Medical Informatics: Can the Future be Predicted from the Past?”, provided by Jan H. van Bemmel (The Netherlands), former President of the International Medical Informatics Association, from 2000-2003 acting as Rector Magnificus of Erasmus University Rotterdam, The Netherlands. The second morning session was introduced by Bernd Blobel (Germany), former Chair of HL7 Germany, Chairman of the CEN / ISSS eHealth Standardization Focus Group as well as Founder and long term Chair of the EFMI Working Group “Electronic Health Records’, with his Keynote Lecture “EHR / PHR Systems Today and in the Future”. Beyond the Keynotes, five lectures on the topics of the conference have been presented in the morning sessions. The afternoon session was introduced by a lecture of Anna Adelöf (Sweden) titled “The Emerge of Clinical Terminiology - SNOMED CT”, followed by another six speeches. The last session of the conference was devoted to a panel discussion on the topic “Electronic Health Care Documentation - What Should be Integrated and How Can this be Done?” which was opened by a lecture of Pirkko Nykänen (Finland). The discussion clearly demonstrated that different professional groups in healthcare require different representations of information. However, this problem has not yet been satisfactorily solved. All conference papers have been published in the first issue of the International Journal on Biomedicine and Healthcare in 2016 (available at www.ijbh.org). The conference attended by 36 delegates from six countries, was concluded with a dinner at Profesní dům of the Faculty of Mathematics and Physics, Charles University in Prague. The sightseeing tour for conference participants through the historic part of the building was guided by Antonín Kucera, former Associate Dean of the faculty, with the organizational help of his colleague Jaroslav Pokorný. The conference was accompanied by the mentoring course “Health Information Management”, provided by the EuroMISE Mentor Association on 10 and 12 February 2016.