Computer assisted decision support in acutely ill patients. Application in glucose management and quantification of myocardial reperfusion

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Curriculum and list of publications
Curriculum Vitae

The author was born on August 15th, 1981 in Groningen, the Netherlands. In high-school, he developed a strong preference for the exact sciences, and competed in the International Olympiads in Physics and Informatics with good results. In 1999 he started studying Medicine at the Rijksuniversiteit Groningen. During his study, he also completed the first year study of Physics, and kept competing in programming contests organized by the ACM, Topcoder, and Google.

In 2002 Mathijs was offered a bottle of vodka in exchange for installing a CD-ROM player in a hospital computer owned by Maarten Nijsten, who mentioned the recent publication of an interesting study on glucose control and how computer programs might help in implementing this therapy. As a result of this conversation the work of GRIP commenced, and in September 2002 the basis for chapter 2 was presented at the congress of the European Society of Intensive Care Medicine in Barcelona.

In 2003-2004 Mathijs worked 8 months at the laboratory of professor Ruedi Aebersold at the Institute for Systems Biology in Seattle studying computerized analysis methods of mass spectrometry proteomics experiments. In January 2007 he received the MD degree after two years of internships.

The author currently works as a software engineer at Google in Zürich, Switzerland.

Non-professional interests include rock music, cooking and running.

List of publications


2. Vogelzang M, Vlaar PJ, Svilaas T, Amo D, Nijsten MW, Zijlstra F. Computer assisted myocardial blush quantification in acute myocardial infarction. Submitted

3. van der Vleuten PA, Vogelzang M, Svilaas T, Tio RA, Zijlstra F. Clinical value of new Q-waves on the surface electrocardiogram after primary percutaneous coronary intervention for ST-elevation myocardial infarction. Submitted


