

2nd World Congress on **Diabetes & Metabolism**

6-8 December 2011 Philadelphia Airport Marriott, USA

TITLE

Multi-dimensional prevention program after acute coronary syndrome

Pierre-Frederic Keller

University Hospitals, Switzerland

Audits of practice reveal under use of evidence-based cardiovascular medications and suboptimal control of cardiovascular risk factors after an acute coronary syndrome (ACS). Based on our systematic review of tested interventions, we developed the ELIPS program, a multidimensional secondary prevention program after an ACS targeting application of the guidelines by caregivers and education of patients after an ACS. The ELIPS programme was designed to improve prescription rates by physicians and long term medication adherence by patients. Novel tools of information were specifically created for patients to improve the quality of information: a website, a DVD, a wall chart, flyers and an application for smartphones. Moreover a specific training course in motivational interviewing dedicated to caregivers was developed including a web-platform elearning and face-to-face training courses. Finally a treatment discharge card is given to patients to inform their treating physicians about their recommended medication and recommended lifestyle changes. A clinical multicenter study including 2400 patients is currently underway to demonstrate the effectiveness of the ELIPS programme, which aims at improving quality of care of patients admitted to hospitals with ACS in the Swiss setting. The primary outcome is a composite of death from any cause, myocardial infarction, documented unstable angina requiring rehospitalization, revascularization (performed at least 30 days after inclusion), and stroke at one year. A media campaign in Switzerland was also carried out to reinforce the deployment of the ELIPS programme. The ELIPS programme, first implemented in a Swiss healthcare network, will certainly interest other communities in a near future.

Biography

Dr. Pierre-Frédéric Keller: creator and director of ELIPS program, assistant professor, interventional cardiologist, director of coronary care unit, cardiology division, university hospitals, Geneva Switzerland. Member of the acute cardiac care working group of the European Society of Cardiology. Member of the Swiss working group of interventional cardiology. Member of the steering committee of the Acute Myocardial Infarction registry.