



AMIS Plus Newsletter Nr. 31 – March 2010

Dear Current & Potential AMIS Plus Participants & Sponsors

We hope you all enjoyed a good start in 2010!

AMIS Plus Collaborations

Verein Outcome

For almost a decade, AMIS Plus and Verein Outcome have been successfully collaborating in the joint collection of clinical data by using the AMIS Plus questionnaire. Verein Outcome additionally supplies patients with a validated questionnaire covering important aspects such as knowledge, safety and awareness in terms of ACS at discharge and evaluates these results which serve as a basis for measuring outcome quality in the hospitals. AMIS Plus and Verein Outcome are doing their utmost to ensure the continuation of this successful partnership in order to be able to offer the hospitals high quality services.

Quazentral

In 2007, the hospitals in central Switzerland initiated a quality project. Health insurance companies, public and private hospitals as well as the central Swiss cantons were bound to the project up until evaluation of the 2009 data. The AMIS Plus data from these hospitals were compared with BfS data after adjusting for risks by applying established statistical methods. These scientifically explored procedures proved effective and resulted in convincing quality comparisons.

AMIS Plus Highlights Box



A new analysis from AMIS Plus showed that 195 from 28,778 patients with acute coronary syndrome (ACS) were 35 years old or younger. Smoking, family history of coronary artery disease, dyslipidemia and overweight were important cardiovascular risk factors in these patients. Cocaine abuse was associated with ACS in some young patients. Younger patients were more likely to present with chest pain and less likely to have impaired heart function at admission. ST-segment elevation myocardial infarction was more prevalent in younger than in older patients. Younger patients were more likely to receive early percutaneous coronary intervention and had better outcome with fewer major adverse cardiac events. Primary prevention of smoking, dyslipidemia and overweight should be more aggressively promoted in adolescence. *Schoenenberger et al. Int J Cardiol 2009; doi:10.1016/j.ijcard.2009.11.009*

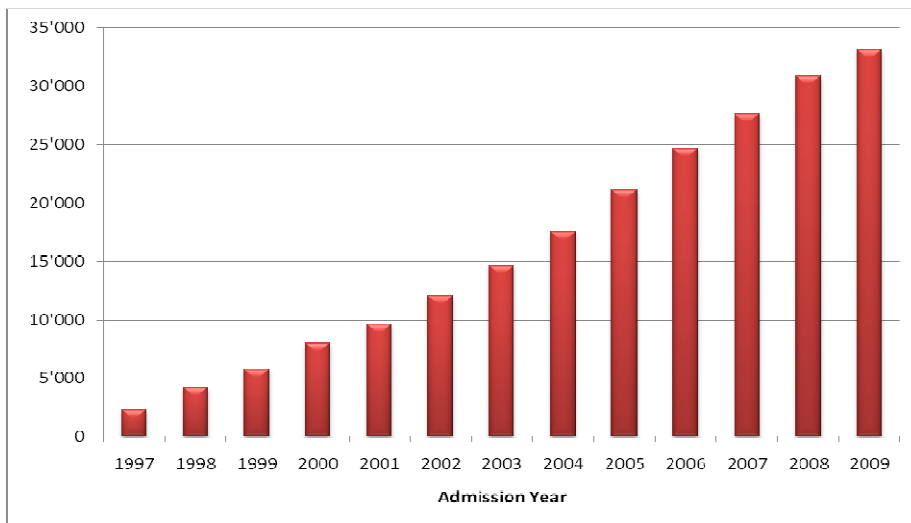
Financial Restrictions - Online Analysis

Unfortunately, AMIS Plus is now under such financial pressure that the Online Analysis feature will no longer be available until further notice. We regret that it has been necessary to take such a drastic measure. We would like to encourage all our participating hospitals to continue to contact the AMIS Plus Data Center should they have any queries or if they would like to see specific results from the AMIS Plus database.

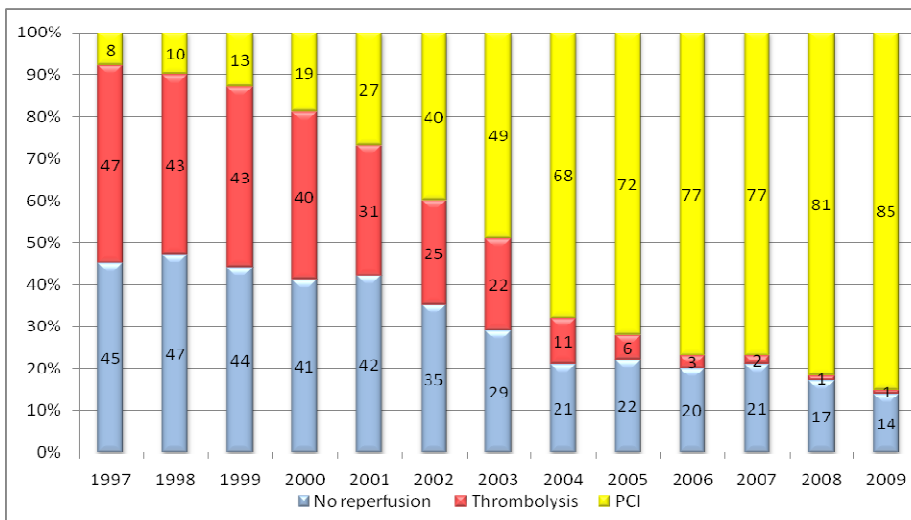
We will strive to keep our sponsors and participants up-to-date with the latest results from AMIS Plus through our newsletters under “**Where are we now?**”.

AMIS Plus Project
March 2010 - Where are we now?

1. Cumulative number of the ACS patients enrolled in AMIS Plus (n=33'092)



2. Trends in reperfusion therapy in ST-elevation myocardial infarction patients in Switzerland between 1997 and 2009 (n=18'637)



Our Latest Publication

Please find enclosed our latest paper "Is pretreatment with β -blockers beneficial in patients with acute coronary syndrome?" by Cuculi F et al. (Cardiology 2010; 115:91-7) for your perusal.

We would like to thank all our participants for their invaluable contribution and all current sponsors and donors for their support.

Sincerely yours

For the Steering Committee:

Prof. Paul Erne, MD
 President

For the Data Center:

Dragana Radovanovic, MD
 Head of the Data Center