



**AMIS Plus Newsletter Nr. 16 – February 2006**

Dear Current, Potential AMIS Plus Participants & Sponsors

We're celebrating reaching the magical **20,000** cases mark!! Many thanks to all current participants and sponsors for helping us attain this goal. We would also like to acknowledge past participants and sponsors for their contribution.

So, what can we show you? Let's look at the  
**Average woman and man with acute myocardial infarction in Switzerland:**



The average woman is 71 years old, slightly overweight with BMI of 26, and has more frequently arterial hypertension and diabetes. She first arrives at hospital 5 hours after symptom onset, has less chest pain, more dyspnea and worse cardiac function. On the initial ECG she often has LBBB. For early drug therapy she receives more frequently LMWH, angiotensin antagonists and Ca-channel blockers. She more frequently has complications, such as cardiogenic shock, re-infarction or stroke. She stays in hospital for 10 days. She dies more frequently in hospital and if she survives she usually goes home.



The average man is 63 years old, clearly overweight with BMI of 27, more frequently has dyslipidemia and is more often a current smoker. He mostly has typical chest pain and arrives in hospital 4 hours after symptom began. On the initial ECG he more often has ST-segment elevation and Q-waves. For early drug therapy he more frequently receives clopidogrel, GPIIb/IIIa antagonists, beta blockers and statins. He often receives thrombolysis and underwent most frequently primary PCI. If he survives he often goes to a rehabilitation centre.

**However, this is just your average man and woman. Most gender differences are due to age. In multivariable regression analysis gender is not a significant in-hospital mortality predictor (Odds ratio 0.97, CI95% 0.78-1.21; p=0.775)**

If you have any questions or suggestions please do not hesitate to contact us here at the Data Center by telephone, email or fax.

Sincerely yours

For the Steering Committee

Prof. Paul Erne, MD

President

For the Data Center

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