



AMIS Plus Newsletter Nr. 41 – July/August 2013

Dear Current & Potential AMIS Plus Participants & Sponsors

AMIS Plus at the Swiss Society of Cardiology Congress 2013 in Lugano

Oral presentations

- Mortality trends among diabetic patients with ST-elevation myocardial infarction. *Roffi M et al.*
- Temporal trends for stroke in patients admitted with acute coronary syndrome 1997-2012. *Erne P et al.*
- Indication and use of anticoagulation in atrial fibrillation and acute coronary syndrome: impact of a new scoring system. *Sütsch G et al.*

Poster presentations

- Comorbidities in patients hospitalized with acute coronary syndrome. *Radovanovic D et al.*
- Characteristics and outcomes in patients with ST-elevation myocardial infarction and out-of hospital reanimation: insights from the national AMIS Plus registry 1997-2011. *Maggiorini M et al.*



Auditing summary

To counteract criticism on the quality of registry data, AMIS Plus introduced external auditing. Between November 2011 and March 2013, CTU Basel performed source data verification in 10 AMIS Plus participating hospitals that included 56 CRF with 1140 data items. Three hospitals (Kantonsspital Altdorf, Luzerner Kantonsspital Wolhusen and Stadtspital Triemli in Zurich) had no findings and were awarded certificates for their excellent work. There were otherwise one critical (0.08%), one major (0.08%) and 28 (2.5%) minor findings. Almost all minor findings concerned time variables, such as admission or PCI times. Each participating hospital should define admission time in accordance with its internal organization, and use this for the AMIS data collection. Time should not be approximated but correspond precisely to that available in source data. The PCI time is often missing in the coronary angiography reports; however, this is a necessity especially concerning patients transferred for interventions.

Revision of the AMIS Plus Questionnaire

The questionnaire is being updated to include new antiplatelet drugs, telemetric ECG transmission to PCI center, vascular access routes, use of Impella/ECMO, nursing home residency or external caregivers as well as the reason for choosing a palliative strategy. Furthermore, to stay abreast of the dynamic changes in stent technology, additional stents and scaffolds will also be added.

Retirement

We are greatly indebted to Prof. Felix Gutzwiller for his long-standing support of the AMIS Plus Project. We wish him all the best.

Please find attached the AMIS Plus publication "Gender-related mortality trends among diabetic patients with ST-segment elevation myocardial infarction: insights from a nationwide registry 1997-2010" by Roffi M et al. *EJH ACC* 2013; DOI: 10.1177/2048872613490382.

Yours sincerely

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