



AMIS Plus Newsletter No. 58 – April / May 2019

Dear AMIS Plus Participants & Sponsors

With spring in the air, we are pleased to bring you the latest news from AMIS Plus.

Sponsors & Participants' Meeting

We had a very successful Sponsors and Participants' Meeting on March 15 in Bern. Many thanks to all our sponsors and participants attending. We would also like to thank all our speakers for presenting the latest AMIS Plus data, sparking lively and constructive discussions.



New Data Entry Software

The new software will go online in May 2019. It includes a new data portal as well as a new data entry system. We tried to simplify data entry to make it more efficient for the hospitals. After multiple testing at the Data Center, the new software was also tested by some of our participating hospitals who gave us very positive feedback in terms of usability.

Data Manager Assistant

Since April 1, we now have a new assistant for data management to assist us at the Data Center. We are very pleased to welcome Ramona Kumarasamy to our team.

AMIS Plus Highlight Box



A recent study using AMIS Plus data examined 20-year trends comparing ST-elevation myocardial infarction (STEMI) patients who survived out of hospital cardiac arrest (OHCA) to those without OHCA between 1997 and 2017. From 31,650 STEMI patients, 6.8% were successfully resuscitated prior hospital admission. The percentage of patients with OHCA increased from 4.5% in 1999 to 8.6% in 2017. Despite shorter delays from symptom onset to hospitalization, less risk factors (apart from smoking), and undergoing more PCIs, these patients were at higher clinical risk at presentation and had worse outcomes. In-hospital mortality of STEMI patients with OHCA remained roughly unchanged (21% in 1997-2000 versus 24% in 2013-2016). The major complication in OHCA survivors was cardiogenic shock which further increases in-hospital mortality. *Müller et al. Resuscitation 2019; 134:55-61.*

Please find enclosed a paper entitled "New onset or pre-existing atrial fibrillation in acute coronary syndromes: two distinct phenomena with a similar prognosis" by Biasco et al. *Clin Res Cardiol 2018; 107:338-46.*

Yours sincerely

For the Steering Committee:

For the Data Center:

Prof. Hans Rickli, MD
President

Dragana Radovanovic, MD
Head of the Data Center