

Seminar

on Thursday March 17th 2016, 16:00 – 17:00 (ISPM, seminar room 1st floor)

Identification of patients at high-risk for readmission

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Readmissions after an acute care hospitalization are frequent and associated with significant burden for patients and healthcare systems. Overall, 14-22% of the patients are readmitted within 30 days after discharge of an acute care hospitalization. A recent systematic review showed that interventions could reduce rates of readmission, but also that the most successful interventions are the most complex ones. Therefore, to be efficient, we need to target these intensive discharge interventions to the patients with a high risk of readmission. The HOSPITAL score has been shown to accurately identify medical patients at high risk for 30-day readmission and is currently one of the best validated readmission prediction models, with good performance showed in 5 countries and nearly 150,000 patients. In this seminar, I will present the development and validation of the HOSPITAL score, and discuss some of the challenges faced during the international validation study.



Donzé Jacques is working as an associate physician (“Leitender Arzt”) at the Bern University Hospital, Switzerland, and research associate at the Brigham and Women’s Hospital and the Harvard Medical School in Boston, MA, USA. He earned the degree of Master of Science in clinical epidemiology from the Harvard School of Public Health, Boston, MA, USA. His main research area is hospital readmission, but has also a large expertise in prediction modeling. During his research stay at the Brigham and Women’s Hospital, he developed and validated a prediction model to identify the patients at high-risk for readmission supported by the Swiss National Foundation. He is now developing interventions to reduce hospital readmission. He is member of the Quality of care Panel and member of the SwissDRG panel of the Swiss Society of General Internal Medicine.

Organisation:

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