

# BBS Seminar:

## Applications for statisticians working with “Real-World Data”

### Date and Location:

Wednesday, May 7, 2014 16:00-17:30 at the  
BioZentrum, University of Basel  
Hörsaal 106  
Klingelbergstrasse 50/70  
Basel, Switzerland

### Presenters:

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Director, Applied Data Analytics

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Senior Consultant, Health Economics and Outcomes  
Research

### Abstract :

Real-world data examined in this presentation are those data used for decision-making but are not collected during conventional randomized controlled trials (RCTs). These can include data from large pragmatic trials, patient registries, electronic medical records, claims databases, and surveys.

Health decision-makers [e.g. Health Technology Assessment (HTA) bodies] and increasingly regulators, are demanding more “real-world” outcomes on which to make their decisions, especially with respect to product benefit and safety. These sources of data may also include information on alternative clinical outcomes or treatments, additional patient sub-groups, severity of disease, patient reported outcomes (PROs), or work absenteeism (indirect costs).

Representative databases in the US and Europe will be presented along with how to access, how statisticians can best utilize this information, and distinguishing the important differences between databases including the limitations and strategies to maximize their value.

This seminar is also of value to epidemiologists and health economists.

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Basler Biometric Section

