Heidelberger Kolloquium
Medizinische Biometrie, Informatik und Epidemiologie

Sehr geehrte Damen und Herren,

wir laden Sie herzlich ein zu dem Vortrag:

"The time-dependent "cure-death" model investigating several endpoints simultaneously in trials treating high-risk patients with severe infections"

von
Harriet Sommer
Roche Pharma AG, Grenzach-Wyhlen

am Montag, 07.01.2019, 16.15 Uhr

im ATV-Raum des DKFZ, Im Neuenheimer Feld 242, 69120 Heidelberg

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In clinical trials for the development of antibacterial drugs, diverse primary endpoints have been used and treatment effects are usually assessed at the end of follow-up which varies between studies. A highly patient-relevant statement would be an assessment over the entire follow-up period with cure and death as co-primary endpoints.
We emphasise to examine the time-dependent multistate endpoint "get cured and stay alive over time", since this might be most relevant from the patients' perspective and can capture different "cure patterns" over the treatment period [1,2,3]. Such time-dynamic endpoints provide valuable additional information such that potentially hidden treatment effects can be revealed that might be overlooked when only presenting incidence proportions. Based on a "cure-death" multistate model, several possibilities are introduced to evaluate a treatment difference in probabilities to be cured and alive over time.
The procedures are applied to three topical data examples: An RCT by Basilea for the treatment of patients with hospital-acquired pneumonia (see also [1] and [4]), an RCT by Merck for the prevention of recurrent Clostridium difficile infection (see also [5]), and the French prospective OUTCOMEREA database to investigate the effect of early adequate treatment on extubation and discharge for patients with ventilator-associated pneumonia due to the pathogen Pseudomonas aeruginosa (see also [6])

Alle Interessenten sind herzlich eingeladen!

Gezeichnet: Dickhaus, Kieser, Knaup, Kopp-Schneider, Wellek

Organisation: Birgit Schleweis
Institut für Medizinische Biometrie und Informatik, Im Neuenheimer Feld 130.3, 69120 Heidelberg Tel. 06221/56-4142. Bitte registrieren Sie sich hier für die Ankündigung der Vorträge per E-Mail