



10th NorPEN Congress
1st - 3rd November 2017
**Safety, drugs and vaccines –
methodological considerations**

**Nordic PharmacoEpidemiological
Network**

(www.norpen.org)

Venue: The Social Insurance Institution (Kansaneläkelaitos), Helsinki,
Finland



THL

fimea

BCPT

Basic & Clinical Pharmacology & Toxicology

Thursday 2nd of November

13:00-13:15 Welcome

Jaana Martikainen, The Social Insurance Institution

Sirpa Hartikainen, University of Eastern Finland

Vaccine safety

Chair: **Miia Artama**, National Institute of Health and Welfare

13:15-14:00 Case narcolepsy and swine influenza vaccine in Finland

Hanna Nohynek, Chief Physician, Team leader, National Institute for Health and Welfare, Vaccine Programme Development, Helsinki, Finland

14:00-14:30 Coffee break

14:30-15:15 Safety of HPV vaccines – A case-control study

Kåre Mølbak, MD, DMSc, Director, Statens Serum Institut, Department of Infectious Disease Epidemiology, Copenhagen, Denmark

15:15-16:00 Approaches to vaccine safety research

Miia Artama, senior researcher, PhD, National Institute for Health and Welfare, Impact Assessment Unit, Tampere, Finland

16:00-17:00 Pharmacoepi slam

(3 min presentations)

Chair: **Johanna Jyrkkä**, Fimea

Friday 3rd of November

Drug exposure and safety outcomes

Chair: **Sirpa Hartikainen**, University of Eastern Finland

09:00-09:45 Drug exposure modelling from register-based data – methodological problems with different approaches

Helga Gardarsdottir, PhD, Utrecht University, Netherlands

09:45-10:15 Second generation method (PRE2DUP) for drug exposure modelling

Heidi Taipale, adjunct professor, PhD (Pharm), University of Eastern Finland

10:15-10:30 Coffee break

10:30-11:00 Validity of outcomes in Danish registers

Mette Nørgaard, PhD, clinical associate professor, University of Aarhus

11:00-11:30 Choosing the outcome measures used in register-based research

Anna-Maija Tolppanen, Academy researcher, Associate professor, University of Eastern Finland

11:30- 12:00 Assessing real-world effectiveness within individual models

Fabian Hoti, Head of Statistics, PhD, Epid Research, Finland

12:00-13:00 Lunch

Nordic presentations

Chair: **Leena Saastamoinen**, The Social Insurance Institution

13:00-14:40 Biosimilars in the Nordic countries – country presentations

Päivi Ruokoniemi (Finland)

Espen Jimenez-Solem (Denmark)

Gustaf Befrits (Sweden)

Steinar Madsen (Norway)

14:40-15:00 Closing and introduction of next NorPEN meeting in 2018

Social program Wednesday 1st – Thursday 2nd of November

Wednesday 1st of November

16:30-17:30 Architectural round at Kela main building, designed by Alvar Aalto

17:30 Sauna at "Löyly" (self-paid) <http://www.loylyhelsinki.fi/en/front-page/>

18.30 PhD student dinner at Cantina West restaurant, Kasarmikatu 23 (self-paid)

<http://www.cantinawest.fi/en/homepage/>

Thursday 2nd of November

17:00-18:30 NorPEN executive committee meeting in Kansaneläkelaitos building

19:00 Dinner, Korjaamo, Töölönkatu 51 a-b <http://www.korjaamo.fi/en>

Pre-conference workshop on Wednesday 1st – Thursday 2nd of November

Wednesday 1st of November

Practical workshop on statistical analyses of register data (required: own laptops with statistical software installed)

This practical workshop includes hands-on sessions on how to handle Nordic register-based data and conduct analyses with statistical software. The session is designed to include example datasets, instructions and codes with three most commonly used statistical software: SAS, STATA and R. Participants may proceed according to their own skills with the help of the teachers. The idea is to bring your own laptop with one or several statistical software (if your university does not have license for these software you can install R free-of-charge from the internet: www.r-project.org). Participants can attempt analyses first with the software that they are most familiar to work with, and then follow the logic with another software and develop skills on how these software differ, what has to be taken into account when working with a different software etc. The solutions with each software are provided at the end.

12:00- 13:00 Introduction to methods

Reijo Sund, professor, statistician, University of Eastern Finland and University of Helsinki

Practical sessions of data analysis using R, STATA and SAS (**Reijo Sund**, and **Piia Lavikainen**, PhD, statistician, University of Eastern Finland), bring your own laptop!

13:15–14:00 Describing the data

14:00-14:20 *Break with coffee and a snack*

14:30-16:30 Defining the study population, exposed and non-exposed

Thursday 2nd of November

09:00 Outcome analyses (sensitivity analyses)

Practical workshops with R, STATA and SAS continues

10:00-10:20 *Coffee break*

10:20-12:00 Outcome analyses continues (sensitivity analyses)

12:00-13:00 *Lunch*