



International course on Clinical Epidemiology on Schiermonnikoog

November 5-10, 2023



Leiden University
Leiden University Medical Center

Teaching staff



Frits Rosendaal is professor of Clinical Epidemiology, and specialised in aetiologic studies. He is head of the Department of Clinical Epidemiology at the Leiden University Medical Center.



Anske van der Bom is professor of Clinical Epidemiology in transfusion Medicine, and specialised in prognosis and treatment of haemorrhagic disease and transfusion-related disorders. She is faculty member at the Department of Clinical Epidemiology.



Astrid van Hylckama Vlieg is a PhD in Clinical Epidemiology of venous thrombosis, with a specific interest in genetic epidemiology. She is faculty member at the Department of Clinical Epidemiology.



Renée de Mutsert is a PhD in Obesity Epidemiology. She is a faculty member at the Department of Clinical Epidemiology.

Schiermonnikoog

Schiermonnikoog, a designated nature reserve and part of Unesco Wadden Sea World Heritage, is the last and second smallest of the Dutch Wadden Islands. The island's uniqueness springs from its untouched feel and its vast natural beauty. The centre of the only town on the island has the status of a protected townscape, with various hotels, cafés and restaurants. The oldest part of town is from 1720, and its historical character has been well preserved. On the island you can also enjoy beautiful unique nature, serenity and space, including the widest beach in Europe. Our course will take place at Hotel Duinzicht, which has been a staple at the island for over 100 years.

The University

Leiden University was founded in 1575 and is one of Europe's leading universities in education and research. Leiden University has over 24,000 students (from more than 100 different countries) and 5,500 staff (including Leiden University Medical Center). The University offers a broad range of 46 bachelor's programmes and 73 master's programmes, highly diverse PhD tracks and various interdisciplinary minors. The Leiden University Medical Center is the combination of the Medical School and the Academic Hospital of Leiden University. The motto of the University is: Praesidium Libertatis, Bastion of Freedom.

The Department

The Department of Clinical Epidemiology is located within the Leiden University Medical Center. It has about 50 employees, including professors, associate and assistant professors, post-docs and PhD students, as well as a professional data-management unit and a laboratory. It is active in research and teaching. Most of its research is in the area of cardiovascular disease, and always performed in close collaboration with clinical departments and research laboratories. Over the years it has made many groundbreaking discoveries, and major awards and prizes have been awarded to its faculty.

The International Course

The course, which is to be held from Nov 5-10, 2023, is intended for those who are involved in clinical studies, particularly those aimed at aetiology and prediction. It will start from a basic level (i.e. no specific knowledge is required to apply), but will be intense and reach an intermediate level at the end of the week. Emphasis will be placed on study design and analysis, with the latter specifically aimed at obtaining the best, unconfounded and unbiased, estimate of effect (rather than on statistical tests). An important part of the course will be exercise to learn some of the techniques in a practical sense.

Content

We will deal with frequency measures (incidence, cumulative incidence, prevalence), effect measures (rate ratio, risk ratio, relative risk, odds ratio), bias and confounding, standardization (indirect standardization, SMR, direct standardization), survival analysis (Kaplan Meier method), and multivariate analysis (especially logistic regression and Cox regression). Separate additional subjects are publication bias, statistics, and p-values, Bayesian reasoning, effect modification and meta-analysis.

Admission and course fee

Because of the interactive and intensive design of the course, we can accept up to 40 participants. A selection procedure will be held after the registration deadline. Registration will therefore not ensure participation. Within 4 weeks after the registration deadline you will be personally informed about the results of the selection procedure.

Course fee: € 1,975.00. Course fee includes: hotel accommodation, meals, course reader, shared double hotel rooms for junior researchers / PhD students. A limited number of single rooms are available at an extra fee of € 500. Travel costs are not included.

Registration:

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