



The 1st Budapest Course on Clinical Epidemiology

Semmelweis University Budapest

31 August –01 September, 2008

Organized jointly with the 15th Budapest Nephrology School

Dear Colleagues,

With great pleasure I cordially invite you to the 1st Budapest Course on Clinical Epidemiology organized jointly with the 15th Budapest Nephrology School at the Semmelweis University Budapest.

Feared by many, admired by some, clinical epidemiology has clearly become the “basic science of clinical medicine”. In the era of evidence based medicine, evidence based guidelines and a never-before seen dumping of new information on diagnosis and treatment, practicing nephrologists need guidance during their daily work. This course is designed to bring you exciting, useful and practical information on study design, clinical guidelines and biostatistics. This will help you to read critically and understand better the medical literature. You will be able to incorporate new research information into your clinical practice more efficiently.

We will cover topics from descriptive statistics through survival analysis to systematic reviews. Faculty will include members of the Arbor Research Collaborative for Health (<http://www.arborresearch.org>), researchers heavily engaged in the international Dialysis Outcomes and Practice Patterns Study (www.dopps.org) and Dr. David Streiner, author of several greatly enjoyable books on clinical epidemiology and statistics (YES, SUCH THINGS ARE POSSIBLE!)

Come and experience it yourself!

The major aim of the Course is to teach nephrologists basic concepts related to epidemiology, research design/execution and to the evaluation of medical literature. Participants should develop a basic knowledge of:

1. the principles of epidemiology as a scientific discipline.
2. the role of epidemiology within the context of clinical medicine.
3. basic biometric tools used in epidemiology.

Speakers for the 1st Course on Clinical Epidemiology will include: *A Keszei, D.M. Mendelsohn, I. Mucsi, R. Pisoni, J. Reiczigel, D. Streiner.*

We are expecting accreditation by accredited by the European Accreditation Council for Continuing Medical Education (EACCME) (preliminary program is attached).

Course date: August 31 – September 01, 2008

Course venue: Budapest Transplantation Clinic 1082 Budapest, Baross Str. 23.

Participation fee (includes attendance to course, full boarding, wellcome dinner):

- Before May 30, 2008 and simultaneous application for 15th Budapest Nephrology School: 150 EURO
- Before May 30, 2008, Clinical Epidemiology Course only: 200 EURO
- After 30 May 2008: 250 EURO
- On site: 300 EURO

TO APPLY EMAIL DR. ISTVAN MUCSI AT: istvan@nefros.net

I am looking forward to seeing you in Budapest.

Sincerely,



Istvan Mucsi , MD, PhD

Associate professor

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1st Budapest Clinical Epidemiology Course – organized jointly with the 15th Budapest Nephrology School

August 31 – september 1

Schedule

	Day	Time	Length	Title	Speaker
1.	2008.08.31. Sunday	13:00	15	Opening of the course. What is clinical epidemiology? Why is it important	
2.	2008.08.31. Sunday	13:15	45	Evidence based medicine/nephrology: Types of clinical studies.	
3.	2008.08.31. Sunday	14:00	45	Musings on guidelines and evidence: a pragmatic and nephrocentric view	
4.	2008.08.31. Sunday	14:45	45	What can we learn from observational studies – examples from DOPPS	
5.	2008.08.31. Sunday	15:30	15	COFFEE BREAK	
6.	2008.08.31. Sunday	15:45	45	Study design – question, sampling (inclusion, exclusion), sample size	
7.	2008.08.31. Sunday	16:30	45	Incidence, prevalence. Interpreting results: association, prediction, causal association. Bias, confounding, interaction.	
8.	2008.08.31. Sunday	17:15	45	Study design – hands on, small group	
9	2008.08.31. Sunday	18:30		WELLCOME DINNER	

9. 2008.09.01.
monday 08:30 45 Descriptive statistics. Visualization of data.
 10. 2008.09.01.
monday 09:15 45 Hypothesis testing: type I. and II error. Confidence interval. Statistical significance.
 11. 2008.09.01.
monday 10:00 45 Continuous variables: t tests. Analysis of variance.
 12. 2008.09.01.
monday 10:45 15 COFFE BREAK
 13. 2008.09.01.
monday 11:00 45 Working with categorical variables. Distribution-independent tests
 14. 2008.09.01.
monday 11:45 45 Correlation analysis. Dealing with confoundings: regression analysis
 15. 2008.09.01.
monday 12:30 45 CONFOUNDINGS / Hands on session
 16. 2008.09.01.
monday 13:15 75 LUNCH
 17. 2008.09.01.
monday 14:30 45 Survival analysis.
 13. 2008.09.01.
monday 15:15 45 Risk. Metaanalysis. Systematic review.
 14. 2008.09.01.
monday 16:00 30 TEST
 15. 2008.09.01.
monday 16:30 15 CLOSING REMARKS, FAREWELL
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