

# INTRODUCTION TO SURVIVAL ANALYSIS

*One day course for professionals engaged in medical research*



**Wednesday, 23<sup>rd</sup> November, 2011**

**HOTEL MELIÀ – MILAN**

*Via Masaccio 19-20149 Milan*

**9:00 am - 17:30** GMT + 1

**ECM ACCREDITATION  
REQUIRED**

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Thursday, 24th November:  
**European Statistical Forum – ESF 2011:**  
**Survival Analysis in Medical Research**

Save up to 225 € if you take part in both  
Survival Analysis course and the ESF 2011



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**23<sup>rd</sup> November 2011 – Milan (I)**

## **Why to participate?**

The course is designed to understand survival data analysis in its basic methods and in the practical aspects of application to clinical studies.

This one-day course will give an introduction to the analysis of survival data that arise in clinical trials where the variable studied is the time to an event (i.e. time to disease progression, death) or the duration of a given condition (i.e. duration of pain).

## **Content**

The course will cover the basics of the non parametric and parametric methods for survival analysis and will discuss various examples of application and interpretation of trials with survival data. Examples of outputs obtained with statistical packages such as Stata will also be reviewed.

## **Who should attend?**

Statisticians, epidemiologists or other health-related professionals engaged in medical research in pharmaceutical industries, CROs and public sector industries who have little or no experience of dealing with survival data.

**ECM accreditation  
required**



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## Agenda

- Nonparametric estimation of the survival and hazard function (*Kaplan-Meier and Nelson-Aalen estimator*)
- Comparison of groups (*log-rank test*)
- The Cox proportional hazards model
- Basics on parametric models (*exponential and Weibull*)
- Some model-checking procedures

## Instructors

**Prof. Maria Grazia Valsecchi** - University of Milan - Bicocca

Professor in Medical Statistics at the Department of Clinical Medicine and Prevention, University of Milano-Bicocca (since Novembre 1st 2001).

She is involved in various national and international research projects, mainly in pediatric oncology and hematology, and she is currently coordinating a statistical unit at the University of Milano-Bicocca aimed at planning, conducting and analyzing clinical studies, with specific interest in the methodology for: controlled clinical trials, survival analysis and clinical epidemiology. She is responsible of the Center for Biostatistics and Clinical Epidemiology of the University of Milano-Bicocca, Medical School.

**Dr. Laura Antolini** - Researcher in Medical Statistics, University of Milan - Bicocca

She graduated in Statistics in 1999 and took a PhD in Statistics at the University of Padova in 2003. From 2003 to 2006 she was appointed as research assistant at the Istituto Nazionale per lo Studio e la Cura dei Tumori di Milano. Since 2002 she was appointed as Researcher in Medical Statistics at the University of Milano-Bicocca. Her interests in research are mainly related to the methodology of survival analysis and diagnostic tests. She is involved in research projects where she collaborates to planning and analysing clinical trials and observational studies.



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### REGISTRATION FEES:

€ 450 (+ 21 % VAT only for Italy)

€ 280 (+ 21 % VAT only for Italy) for Academy and Public Administration personnel\*

The fee includes: seat at the course, educational material, copy of lecturers' presentations, networking lunch, coffee breaks, organisational assistance leading up to the event, certificate of attendance.

### Packaged rates for multiple enrolment

2 pax: Euro 800 (+ 21% VAT only for Italy)

### SAVE UP TO 225 € IF YOU TAKE PART IN BOTH SURVIVAL ANALYSIS COURSE AND THE ESF 2011:

€ 690 + 21% VAT until 30th October 2011 (Early Bird)

€ 790 + 21% VAT on or after 31st October 2011 (Ordinary Fee)

€ 580 + 21% VAT for ESF Patronages

€ 500 + 21% VAT for Academy and P.A. personnel

I am interested in taking part in both Survival Analysis course and the ESF 2011

In order to attend the course the registration form should be completed and faxed to (+39) 035 4501262 or emailed to: [segreteria@lsacademy.it](mailto:segreteria@lsacademy.it) Please use one form for each participant.

**HOW TO REACH HOTEL MELIÀ** Via Masaccio 19 Milan ITALY 20149 Tel: (39) 02 44406 - Fax: (39) 02 44406600 [melia.milano@solmelia.com](mailto:melia.milano@solmelia.com)  
Melià Milano hotel position: at a walking distance 10 minutes from the city centre. 45 km from Malpensa Airport and 25 km from Linate Airport.  
The underground is 200 mt away from the hotel entrance (red line, "Lotto" stop).

## Payment

Payment should be made **online** (<http://www.easy-b.it/events.html>) or by **bank transfer** (please see details below), along with the registration form. Upon receipt of payment, the registration will be confirmed. Invoice will be sent following receipt of payment. We can't accept late registrations due to limited course place available.

**Bank transfer:** (Please send proof of bank transfer via fax or email)

### EasyB S.r.l.

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Filiale di Nese

IBAN:

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REGISTRATION FORM - PLEASE FILL IN AND SEND VIA FAX: (+39) 035.4501262 OR E-MAIL: [segreteria@lsacademy.it](mailto:segreteria@lsacademy.it)

On line  (<http://www.easy-b.it/events.html>)

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Special dietary requests

## INVOICING DETAILS

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I would like to receive information on accomodation:

### Cancellation

Please note that refunds (70% refund of the registration fee) will only be given if cancellation is received before November 14th, 2011. Cancellations will only be valid if made in writing.

Transfer of registrations (or name changes) are allowed and should be made in writing within 7 days prior to the event.

EasyB reserves the right to postpone or cancel an event, to change the location of an event or to alter the advertised speakers for an event. EasyB is not responsible for any loss or damage as a result of substitution, alteration, postponement or cancellation of an event due to causes beyond its control including without limitation, acts of God, natural disasters, sabotage, accident, trade of industrial disputes, terrorism, or hostilities.

### THE COURSE WILL PROCEED WITH A MINIMUM OF 12 PARTICIPANTS.

**Information collection and use** - Participants information is collected and utilised by EasyB s.r.l. and sponsor companies in accordance with Italian Legislative Decree 196/2003. Data collected will be used and communicated to third parties for the purposes of event organisation and may be used to communicate future similar initiatives. Participants may at any time verify the accuracy of the information and request changes or deletion.

Date .....

Signature .....

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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