A Practical Course in Time To Event Analysis is an intensive course aimed at biostatisticians.

The course introduces participants to the theoretical and practical issues facing researchers who deal with time-to-event data on a regular basis and who wish to use advanced statistical techniques to answer complicated clinical questions.

Who should attend?
The course is ideally suited biostatisticians working in clinical and health research areas. Ideally, participants should be familiar with time-to-event data, have a basic understanding of proportional hazards modelling and be comfortable to be immersed in more complex theories. Clinicians with a strong understanding of time-to-event concepts may also find this course of value.

Due to the nature of this course, only a limited number of people will be able to participate. We encourage early registrations so that you do not miss out!

Course emphasis
The course is designed to discuss both theory and application of simple and complex time-to-event analysis strategies. There is emphasis on the practical experience of performing analyses with discussion about advantages and pitfalls for different approaches and the interpretation of results. The course will be presented at an intermediate/advanced level.

Proposed Topics
- Graphical displays of time-to-event data
- Summary data for time-to-event data
- Comparisons of time-to-event curves
- Heavy censoring in time-to-event data
- Issue of non-proportional hazards
- Design issues for time-to-event data including sample size, power and non-compliance
- Proportional Hazards (PH) models including
  - Model diagnostics
  - Risk score models
  - Clustered & stratified PH models
- Time-dependent PH models
- Analysis of recurrent events using both marginal and conditional models
- Analysis of competing risks, including cumulative incidence curves, comparison of curves and various strategies of approach.

Dates
Full Course: Monday, 15th – Friday 19th September 2008 (5 days)

Intermediate component (3 Days)
Monday, Tuesday & Wednesday, 15th – 17th September 2008

Advanced component (3 days)
Wednesday, Thursday & Friday, 17th – 19th September 2008

Note: The advanced course starts on Day 3 of the 5 day course. Wednesday 17th September is included in both components of the course.

Course fees ($AUD, includes GST)

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<tr>
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<th>Days 1-5</th>
<th>Days 1-3</th>
<th>Days 3-5</th>
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</thead>
<tbody>
<tr>
<td>Early-bird rate</td>
<td>$2,200</td>
<td>$1,650</td>
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<td>Standard rate</td>
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- Early-bird registrations must be received by close-of-business (5:00pm Sydney) on Monday 30th June 2008
- Full payment must be received by close-of-business (5:00pm Sydney) by Friday 5th September 2008.
- User friendly software will be provided as part of the course.

Venue
The course will be held in a suitable venue in or around the Sydney CBD. The venue is yet to be confirmed, but will have ready access to public transport, accommodation, restaurants and cafes.

Laptops
Participants should bring their own laptop.
Note: if participants are unable to provide their own laptop, please contact us and we will try to make alternative arrangements.

Further Information
Tel: +61 2 9562 5000 and ask for Kew Flood
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