



Introductory Course on Epidemiology

9-10 March, 2018

Venue:

Holiday Inn Hotel Sokolniki
Rusakovskaya ul., 24,
Moscow, Russia, 107014

ERA-EDTA

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Course Coordinator

M. Noordzij (The Netherlands)

Local Coordinators

Helena Zakharova (Russia), Larisa Prikhodina (Russia)

Daily Program

Friday 9 March

8.30 Registration

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| 9.00 | Welcome | Helena Zakharova and Larisa Prikhodina |
| 9.05 | Course presentation (lecture) | K. Jager |
| 9.15 | L1-Measuring disease occurrence (lecture) | R. Kramar |
| 9.45 | H1-Measuring disease occurrence I (hands-on session) | K. Jager |
| 10.00 | H2-Measuring disease occurrence II (hands-on session) | M. Bonthuis, A. Kramer, M. Noordzij |

10.30 Coffee break

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|-------|---|-------------|
| 11.00 | L2-Observational study designs (lecture) | A. Kramer |
| 11:45 | L3-Randomized controlled trials (lecture) | Z. Massy |
| 12:15 | H3-Study design (hands-on session) | M. Bonthuis |

12.45 Lunch

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|-------|--|-------------|
| 14.00 | L4-Simple analysis of risk and prevalence data (lecture) | R. Kramar |
| 14.30 | L5-Bias in epidemiologic studies (lecture) | M. Noordzij |
| 15.00 | H4-Confounding (hands-on session) | K. Jager |

15.30 Coffee break

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|-------|---|-------------------------------------|
| 15.45 | L6-Ways to address confounding: stratification and regression (lecture) | K. Jager |
| 16.30 | H5-Stratification (hands-on session) | M. Bonthuis, A. Kramer, M. Noordzij |
| 17.00 | Session end | |

Daily Program

Saturday 10 March

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| 8.45 | L7-Prediction and correction for confounding (lecture) | K. Jager |
| 9.30 | H6-Introduction to SPSS and linear regression (hands on session) | <u>M. Bonthuis</u> , A. Kramer, M. Noordzij |
| 10.30 | <i>Coffee break</i> | |
| 11.00 | L8-Survival analysis I – Kaplan Meier (lecture) | A. Kramer |
| 11.30 | H7-Survival analysis I – Kaplan Meier (hands on session) | <u>M. Bonthuis</u> , A. Kramer, M. Noordzij |
| 12.30 | <i>Lunch</i> | |
| 13:45 | L9-Survival analysis II – Cox regression (lecture) | M. Noordzij |
| 14.15 | H8.I -Survival analysis II – part 1, survival curves (hands on session) | M. Bonthuis, <u>A.</u> <u>Kramer</u> , M. Noordzij |
| 15.15 | <i>Coffee break</i> | |
| 15.30 | H8.II -Survival analysis II – part 2, Cox regression (hands on session) | M. Bonthuis, A. Kramer, <u>M. Noordzij</u> |
| 17.00 | Closing remarks | K. Jager |

Course Faculty

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| Marjolein Bonthuis | ESPN/ERA-EDTA Registry epidemiologist |
| Kitty Jager | ERA-EDTA Registry managing director and epidemiologist |
| Reinhard Kramer | Former ERA-EDTA Registry Committee member |
| Anneke Kramer | ERA-EDTA Registry medical informatician |
| Ziad Massy | ERA-EDTA Registry chairman |
| Marlies Noordzij | ERA-EDTA Registry epidemiologist |