



# GE Healthcare Lung Protective Ventilation Workshop

## Agenda

### Friday 12. Apr. 2019

Marsilius Arkaden, University Heidelberg

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| 11.00 | Lunch   |
| 12.00 | Welcome, Concept of the training, animal welfare<br>A. Kalenka                              |
| 13.00 | What we are aiming for?<br>A. Kalenka   |
|       | Case presentations, interactive discussion of lung protective ventilation<br>A. Kalenka/all |
| 14.30 | Coffee break  |
| 15.00 | The concept of stress and strain<br>A. Kalenka  |
| 16.00 | Coffee break  |
| 16.15 | Group A: Isolated lung model  |
|       | Group B: advanced measurements with the R860  |
| 18.00 | Transfer to Hotel   |
| 19.00 | Get together and group dinner   |

### Saturday 13. Apr. 2019

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| 8.30  | Transfer to interdisciplinary biomedical research facility, University Heidelberg   |
| 9.00  | What's left open from day 1?<br>A. Kalenka  |
| 9.30  | Animal model, Lung protective ventilation (healthy conditions)<br>A. Kalenka/ all   |
|       | Effects of low tidal ventilation, compliance, elastance, total lung capacity,<br>FRC, EELV, TPP, Abdominal pressure, heart/lung interaction, thoracic/abdominal interaction |
| 11:45 | Lunch break   |
| 12.30 | ARDS, what's new?<br>A. Kalenka   |
| 13.15 | Animal model, Lung protective ventilation (ARDS)<br>A. Kalenka/all  |
|       | Effects of low tidal ventilation, compliance, elastance, total lung capacity,<br>FRC, EELV, TPP, Abdominal pressure, Heart/lung interaction, thoracic/abdominal interaction |
| 15.00 | Conclusions and evaluation and certificates<br>A. Kalenka   |
| 15.30 | Transfer to Airport   |