

***Unravelling Severe Exacerbations of COPD.
Collaboration in COPD Exacerbations (CICERO); an ERS Clinical Research
Collaboration***

25 June 2021

09:00 – 09:10 Welcome and introduction

Session 1 Characterisation and features of severe exacerbations
of COPD

09:10 – 09:25 How can treatable traits be used in severe exacerbations?

09:25 – 09:40 Are severe and moderate exacerbations different entities?

09:40 – 09:55 What data should be collected during severe exacerbations?

09:55 – 10:15 Discussion

10:15-10:25 *Break*

Session 2 Addressing the non-pulmonary features of hospitalisation for
exacerbations of COPD

10:25 – 10:40 Cardiac dysfunction

10:40 – 10:55 Sarcopenia and muscle dysfunction

10:55 – 11:10 Palliation and end-of-life care

11:10 – 11:30 Discussion

11:30 – 11:40 *Break*

Session 3 Treatments at preventing readmission to hospital for COPD

11:40 – 11:55 Pharmacological treatments

11:55 – 12:10 Ventilation strategies during and after discharge from hospital

12:10 – 12:25 Rehabilitation strategies around the time of hospitalisation

12:25 – 12:45 Discussion

12:45 – 13:30 *Lunch break*

Session 4 Breakout session:

13:30 – 13:35 Introduction: What are the clinical research questions for severe exacerbations of COPD?

13:35 – 15:00 Group 1: Phenotyping exacerbations for inflammation, the microbiome, and response.

What are the key targets?

Group 2: What are the key interventions and outcome measures for severe exacerbations of COPD?

15:00 – 15:40 Round table discussion of breakout sessions

15:40 – 15:55 *Break*

Session 5 New horizons for severe exacerbations of COPD

15:55 – 16:10 What new biomarkers are on the horizon for severe exacerbations?

16:10 – 16:25 CT imaging and machine learning for severe exacerbations of COPD.

16:25 – 16:40 How can real-world data be used to improve outcomes?

16:40 – 17:00 Discussion

17:00 – 17:10 *Break*

Session 6 Next steps for Severe Exacerbations of COPD and CICERO

17:10 – 17:55 Facilitated discussion on outcomes of seminar and overview of CATALINA study

17:55 – 18:10 Remarks, wrap-up and action points