



# **3<sup>rd</sup> Nordic Status Epilepticus Meeting** **Oslo, Norway, 22-23 May 2025**

Radisson Blu Scandinavia Hotel  
Holbergs gate 30, Oslo  
Norway

The meeting is financially supported by Desitin.

## Dear Colleagues

It is a great pleasure to welcome you all to the third Nordic status epilepticus meeting (3<sup>rd</sup> NSEM) to be held in Oslo, May 22-23, 2025.

Status epilepticus is the most serious and most feared seizure type with still a high mortality and morbidity rate. Early and correct treatment is of utmost importance for outcome and long-term prognosis. This time, we will therefore focus on the prehospital and early phase. The overarching theme is therefore: "*Time To Control – from basics to the clinic in status epilepticus*" and the goal is to improve and standardize early status epilepticus treatment. We will also discuss factors involved in the development and maintenance of status epilepticus including autoimmunity, biomarkers and molecular mechanisms, and also touch upon the difficult problem of functional/dissociative seizures and status epilepticus.

We are proud to have some of the leading experts in the field both internationally and from the Nordic countries and look forward to two exciting days in Oslo in May 2025.

This is an independent scientific meeting sponsored by an unrestricted grant from Desitin Pharma. You can attend either in person or digitally and the meeting is free of charge.

We look forward to seeing you in Oslo in May 2025!



Erik Taubøll  
Norway



Johan Zelano  
Sweden



Christoph P Beier  
Denmark



Reetta Kälviäinen  
Finland



3rd Nordic Status Epilepticus Meeting (3rd NSEM meeting), Oslo, Norway, 22-23 May 2025

## Overarching theme: Time To Control – from basics to the clinic in status epilepticus

**Organising committee:** Erik Taubøll (Head of committee, Norway), Johan Zelano (Sweden), Christoph P Beier (Denmark), Reetta Kälviäinen (Finland). From Norway: Kjell Heuser, Line Bédos Ulvin, Morten Horn, Bernt Engelsen, Gyri Veiby, Kjersti Nesheim Power, Christian Samsonsen, Ketil Berg Olsen, Ellen Molteberg

### Day 1

09.00-10.00      **Registration, coffee and fruit**  
10.00-10.10      **Opening.** *Erik Taubøll, Oslo, Norway*

#### **Session 1. Prehospital SE treatment and the role of Time to Control**

Chairs: Kjersti Nesheim Power and Gyri Veiby, Bergen, Norway

10.10-10.30      The prehospital experience – a report from the scene.  
*Rune Trøftmoen, Norwegian Air Ambulance, Oslo, Norway*  
10.30-10.40      Questions  
10.40-11.00      Factors related to delays in pre-hospital management of status.  
*Leena Kämpfi, Helsinki, Finland*  
11.00-11.10      Questions  
11.10-11.30      Prehospital EEG in the ambulance. *Sampsa Lohi, Joensuu, Finland*  
11.30-11.40      Questions  
11.40-12.00      **Coffee break**

#### **Session 1 – cont. Prehospital SE treatment and the role of Time to Control**

Chair: Reetta Kälviäinen, Kuopio, Finland

12.00-12.20      Early intubation or a new drug? *Gunhild Holmaas, Bergen, Norway*  
12.20-12.30      Questions  
12.30-12.50      How can prehospital seizure management be improved? From protocols to implementation. The preCTRL study. *Ingrid Hustad, Oslo, Norway*  
12.50-13.00      Questions  
13.00-14.00      **Lunch**

#### **Session 1 – cont. Prehospital SE treatment and the role of Time to Control**

Chair: Kjell Heuser, Oslo, Norway

14.00-14.30      The changing definitions of SE. Has the new definitions changed treatment to a more offensive strategy? *Eugen Trinko, Salzburg, Austria*  
14.30-14.40      Discussion  
14.40-14.55      The need for a standardized measure for acute treatment. The concept of TTC; time to control. *Morten Horn, Oslo, Norway*  
14.55-15.30      General discussion: How can prehospital seizure treatment be improved?  
*Moderator Johan Zelano, Gothenburg, Sweden*  
15.30-16.00      **Coffee break**

## Session 2. Status epilepticus – from the past to the future

Chair: Erik Taubøll, Oslo, Norway

- 16.00-16.30 Status epilepticus – the past. The evolution of concepts of status epilepticus.  
*Simon Shorvon, London, UK*
- 16.30-16.40 Discussion
- 16.40-17.10 Status epilepticus – the future. The role of artificial intelligence for diagnostics and prognostication of SE. *Sándor Beniczky, Aarhus, Denmark*
- 17.10-17.20 Discussion, the past, present and future
- 17.20-17.25 Closing remarks, day 1
- 19.30 Dinner

## Day 2

### Session 3. Factors involved in the development of SE. Can we stop epileptogenesis?

Chair: Johan Zelano, Gothenburg, Sweden

- 08.45-09.20 Immune mechanisms in refractory status epilepticus - what is the role of early immunotherapy? *Ronny Wickström, Stockholm, Sweden*
- 09.20-09.30 Discussion
- 09.30-09.50 Biomarkers to predict early and late posttraumatic seizures after traumatic brain injuries. *Hild Flatmark Sjødal, Oslo, Norway*
- 09.50-10.00 Discussion
- 10.00-10.20 Coffee break

Chair: Ronny Wickström, Stockholm, Sweden

- 10.20-10.40 What makes seizures stop? - a superficial look into the molecular basis of seizure termination. *Kjell Heuser, Oslo, Norway*
- 10.40-10.50 Questions
- 10.50-11.10 The interplay between age, inflammation and neuronal damage in SE. Consequences for treatment? *Andrea Enerstad Bolle, Odense, Denmark*
- 11.10-11.15 Questions
- 11.15-11.35 Factors responsible for long-term outcome after SE. *Christoph P Beier, Odense, Denmark*
- 11.35-11.40 Questions
- 11.40-12.40 Lunch

### Session 4. Functional/Dissociative seizures and SE

Chair: Christian Samsonsen, Trondheim, Norway

- 12.40-13.20 Not everything that shakes is epilepsy: How to identify and treat prolonged functional/dissociative seizures. *Markus Reuber, Sheffield, UK*
- 13.20-13.35 Discussion
- 13.35-13.55 Functional/dissociative seizures and SE – epidemiological aspects. *Antonia Villagran, Sandvika, Norway*
- 13.55-14.05 Discussion
- 14.05-14.15 Coffee

### Session 5. Late-breaking news – projects in the pipeline

Chair: Morten Horn, Oslo, Norway

- 14.15-15.15 Four presentations, one from each of the Nordic countries. 10 min + 5 min discussion
- 15.15-15.20 Closing remarks. *Erik Taubøll, Oslo, Norway*

For registration see NES website:

[www.epilepsiselskapet.no](http://www.epilepsiselskapet.no)

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