Pediatric Forensic Medicine and Clinical Forensic Medicine
Soria Moria, May 22-24, 2019

Address: Voksenkollveien 60, Oslo

Department of Forensic Medicine, Section of Pediatric Forensic Medicine
Oslo University Hospital

Program

Wednesday May 22nd

09.00: Registration.

10.00: Welcome and introduction.

10.05: Sudden unexplained deaths in infants and children
Chair persons: Ed Mitchell and Fern Hauck.


11.00: Silje Osberg: Risk factors: Co-sleeping revisited; how common is co-sleeping?

11.15: Coffee break

11.00: Round table discussion: Best practice - death scene investigation:
Moderator: TO Rognum.
Short presentations:
Ed Mitchell: Experiences from New Zealand
Joanna Garstang: Experiences from England
Norway: Lars Danielsen,
Discussants: police attorney Hilde Hermanrud Strand, crisis psychologist Pål Kristensen,
Trine G Kalstad (The Norwegian SIDS and Stillbirth Society).

12.30: Lunch

13.30: Gray zone cases: How do we classify them?
Presentation of difficult cases - grey zone cases (several presenters)
Chair: Roger Byard
14.40: **Marta Cohen**: Statistical correlation with seizures and the hippocampus in SUDC and the position of death.

15.10: Coffee break

15.20: Plenary discussion: Should co-sleeping be discouraged in small infants?  
Moderator **Trine Kalstad** (The Norwegian SIDS and Stillbirth Society)  
Short Input by: **Ed Mitchell, Joanna Garstang, Silje Osberg and Arne Stray-Pedersen**

**16.00: Option for young scientists**  
**Roger Byard**: Entertainment piece "Historical Forensics".

**Thursday May 23rd**

**09.00: SIDS and genetics**  
Chairpersons: **Siri Hauge Opdal** and **Robin L. Haynes**

09.05: **Robin L. Haynes**: Biomarkers of SIDS: a concept for understanding the mechanism?

09.35: **Siri Hauge Opdal**: SIDS: a vicious circle ending in irreversible hypoxia.

10.00: **Linda Ferrante**: Immunological protein profiles in SIDS.

10.15: Plenary discussion.

10.45: Coffee break

11.00: **Jan Ramirez**: From gene discovery, big data to breathing monitors - a team effort to better understand the causes of SIDS". Brief overview of the co-operation with Microsoft.

11.40: **Chelsea Pagan**: Genome sequencing: A way of solving SIDS once and for all?  
Or a story about the logistics and difficulties of setting up the genetic testing of SIDS cases.

12.05: Plenary discussion

**12.30: Lunch**

**13.30: Understanding SIDS by brain research**  
**Chair persons**: **Robin Haynes and Roger Byard**

13.35: **Roger Byard**: Brain stem studies.

13.55: **Robin L Haynes**: Hippocampal studies in SIDS.

14.15: **Johanna Marie Lundesgaard Eidahl**: Aquaporin 4 and brain swelling in SIDS.

14.30: Coffee break
14.45: Fighting sudden unexpected infant - and child death  
*Chairpersons Fern Hauck and Peter Blair*

14.50: *Rachel Y Moon.* Knowledge of ambient risk factors and/or genetic risk factors—
is it sufficient to prevent the external risk factors?

15.20: *Peter Blair:* The importance of reproducible classification.

15.40: *Anna Pease:* Comparing international SIDS rates.

16:00: Discussion

**16.30: Option for young scientists**

Roger Byard: "How do I publish my work" - an overview of how to get work published.

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**Friday May 24th**

**09.00:** Controversies on abusive head trauma  
*Chairperson: Karen Rosendahl*

09.05: Maninder Singh Chawla: Abusive head trauma.

09.25: Maninder Singh Chawla: Hygromas in infants – can they mimic subdural hematomas?

09.00: Ellen Regine Olsrud and Bianca Therese Lund-Melcher: The subarachnoidal space –
what is the normal size?

10.10: *Karen Rosendahl:* Osteoporosis in infants and small children – frequency and potential
disposition for fractures?

10.35: Coffee break

10.45: *Mary Jo Vollmer-Sandholm:* Routines for Investigation of head traumas in children
in Norway compared with California.

10.55: *Arne Stray-Pedersen:* Differential diagnostic considerations in cases with the triade
in absence of other visible injuries.

11.10: Difficult cases (several participants).

**11.45: Free paper session**  
*Chair persons: Jan Ramirez and Arne Stray-Pedersen*

**13.00: Lunch**

Have a safe trip home!