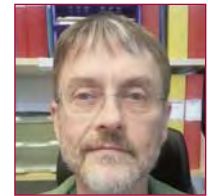


# COMMISSION ON SURGICAL THERAPEUTICS



Bertil Rydenhag

## Chair

Bertil Rydenhag (Sweden)

## Members

Bernhard Steinhoff (Germany)

Kristina Malmgren (Sweden)

Mike Sperling (USA)

Christine Bulteau (France)

Pavel Krsek (Czech Republic)

Andrew McEvoy (UK)

Sanford Hsu (Taiwan)

Mario Alonso (Mexico)

Serge Vuilliez (Switzerland)

Taisuke Otsuki (Japan)

## Aims

See also mission below. The most important aim is to promote quality, safety and international collaboration in epilepsy surgery.

- To continue the work of ILAE of international collaboration and to spread knowledge of techniques for evaluation and surgery of patients with epilepsy
- To promote good long time results
- To promote maximal safety for the patients in both evaluation and treatment
- To promote and assist in evaluation of new techniques
- To promote education in epilepsy surgery
- To support epilepsy surgery programs and building in developing countries and countries with minimal resources

## Commission Activities June 2013 through June 2014

The commission has had two full-day meetings, one in Washington at AES December 2013 and one in Stockholm at the ECE June 2014.

## Accomplishments (2013-2014)

There is an active process to take advantage of the work within the EU project E-pilepsy. The first part of this has been started by Kristina Malmgren regarding a new web-based complication classification to be attached to the E-pilepsy database and future registry. The intention is to take advantage of this work also at an international level. Especially the complications related to invasive investigations and epilepsy surgery are important to register prospectively in great detail to increase the safety and the possibility for a benefit/risk discussion with the patient.

## Impact of diagnostic techniques on surgical outcome

Serge Vuilliez has started the work to review the impact of diagnostic techniques on surgical outcome. This is also work possible to coordinate with the Epilepsy project, since this project aims at in-depth literature review of MRI postprocessing and electric source imaging.

## Hemispherotomy

Christine Bulteau has started a work on hemispherotomy focusing on very small children. It includes the planning of a web page. The work regards the diagnostic work-up, etiology and also consequences as increased hemiplegia, hemianopia and the cognitive development. Christine Bulteau has also taken contacts to plan a pediatric neuropsychological survey.

## Outcome reporting of Epilepsy surgery

Pavel Krsek is working on how outcome of epilepsy surgery is reported, with the main goal to overcome the apparent inconsistency in reporting surgical outcomes. There are several important domains that are seldom reported.

## Gothenburg pediatric Epilepsy surgery meeting

(PedEpiSurg Gothenburg 2014, 4-5 of July 2014) This meeting was held after the specified period, but the planning was done within the period June 2013-June 2014. The meeting will be reported separately in detail, but was in short a very successful meeting gathering 80 pediatric epilepsy surgeons from all over the world in Gothenburg to discuss specific neurosurgical issues. All the main important techniques were discussed. The meeting was supported by a collaborative effort from the Commission on Surgical Therapeutics and the Pediatric Task Force of the Commission on Pediatrics from where the original initiative came some years ago. Economically it was fully financed by sponsors.

The epilepsy surgery course in Brno 12-16 January 2015. After discussions and approval from the Executive of ILAE and treasurer Sam Wiebe the commission redirected funding to support this important educational activity to finance grants for participants from all over the world.

## Recommendations for Future Work

Within the commission the work will continue also with a focus on epilepsy in developing countries led Andrew McEvoy. Mike Sperling will do further work on risks of epilepsy surgery vs. benefits. This process has already been started in the work with Epilepsy.