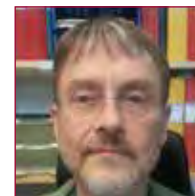


COMMISSION ON SURGICAL THERAPEUTICS



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Serge Vuillimoz (Switzerland)
Tatsuya Tanaka (Japan), EC Liaison

Aims

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

Mission

- To continue the ILAE work of international collaboration and to spread knowledge of techniques for evaluation and surgery of patients with epilepsy
- To promote good long-term time results
- To promote maximum 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 and build epilepsy surgery programs in developing countries and countries with minimal resources

Commission Meetings

During this period the commission work has been handled through emails. No official meeting has taken place.

Accomplishments

Complication classification

A new multi-axial classification of complications related to invasive procedures as well as to therapeutic surgical procedures has been developed and has been endorsed both by the Surgical and the Pediatric Commissions. It has also been endorsed by the EU supported project E-epilepsy, and the complication classification is now running within the E-database of E-epilepsy. The classification has been presented as a poster in Istanbul September 2015 at the 31st IEC.

Impact of diagnostic techniques on surgical outcome

Serge Vuillimoz collaborates with the epilepsy consortium on the source localization task force including a systematic review of the literature on the clinical validity of electric source imaging and magnetic source imaging.

In this context, original research papers and reviews on the topics have been attributed to a pair of expert reviewers who had to rate the paper's contribution to the clinical validity of electric source imaging or magnetic source imaging. Review papers had to be screened for relevant references to be subsequently added to the review process. This work was started in the period of the report and the current phase is almost completed as of November 2015.

Outcome reporting of Epilepsy surgery

Pavel Kršek has started the work on a planned educational paper on outcome measures of epilepsy surgery. The purpose of the manuscript is to summarize the most important outcome domains, discuss available standardized measures and surveys, and give practical advice, taking into account varying resources for follow-ups. A planned title of the report is "A guide to reporting outcomes of epilepsy surgery." The plan is to publish it on behalf of the Commission on Surgical Therapies in *Epilepsia*. The author team consists of 14 recognized experts covering all important outcome domains. Both adult and pediatric aspects of individual issues will be covered. The deadline for receiving individual sections from co-authors is April 2016.

Epilepsy surgery in countries with limited resources

Andrew McEvoy had taken the lead on this. The plan is to publish an educational paper; work is ongoing.

Gothenburg Pediatric Epilepsy surgery meeting (PedEpiSurg Gothenburg 2014, 4-5 July 2014)

This meeting was very successful, gathering 80 pediatric epilepsy surgeons from all over the world in Gothenburg to discuss specific neurosurgical issues. To our knowledge it is the first meeting that specifically addressed surgical issues for pediatric epilepsy surgeons. All the main important techniques were discussed. The meeting was supported by a collaborative effort from the Commission on Surgical Therapies and the Pediatric Task Force of the Pediatric Commission from which the original initiative came some years ago. Economically however it was fully financed by sponsors. The meeting resulted in a plan

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to publish the proceedings in *Epilepsy*. A follow up meeting is also planned in Prague in September 2016.

The Epilepsy surgery course in Brno 12-16 January 2015

After discussions and approval from the ILAE Executive Committee and Treasurer Sam Wiebe, the commission redirected funding from the PedEpiSurg to support this important educational activity in order to finance bursaries for extra-European participants. The course was successful, with high ratings from the participants.

Recommendations for Future Work

Mike Sperling will further work on risks of epilepsy surgery vs. benefits.