

Intracranial Pressure and Brain Monitoring XIII

Mechanisms and Treatment

Bearbeitet von
Geoffrey Manley, Claude Hemphill, Shirley Stiver

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ICP 13 preface

The XIII International Symposium on Intracranial Pressure and Brain Monitoring was held July 22–26, 2007, in San Francisco, CA, USA. The international advisory board reviewed and selected a number of highly qualified submissions. The scientific sessions included invited speakers, oral presentations, poster sessions, and panel discussions. The symposium was highlighted by an honorary lecture by Dr. Anthony Marmarou and a consensus building session on the clinical applications of brain tissue oxygen monitoring. ICP XIII adopted a new format in which oral presentations were presented in multidisciplinary sessions, rather than topic oriented groups. We believe that this was a successful approach as it fostered lively cross-disciplinary discussions and stimulated exchange of new ideas.

The symposium was well attended by the basic science and clinical communities, both of which contributed to an outstanding scientific program. Presentations included new work in the areas of some of the topics which were presented include traumatic brain injury, intracerebral hemorrhage, brain ischemia, hydrocephalus, brain edema, and the rapidly growing fields of advanced neuromonitoring, bioinformatics and neuro-imaging. There was a particular focus on the

increasing use of decompressive craniectomy for the treatment of brain edema following both traumatic and spontaneous ischemic acute brain injury. It is also apparent that neuromonitoring has extended beyond ICP measurement and that these newer modalities will continue to be part of future meetings. This volume includes manuscripts presented at the symposium. They have been carefully reviewed, edited, and organized thematically.

We were pleased to announce at the conclusion of the meeting that the International Advisory Board selected Tübingen, Germany as the site for the next Intracranial Pressure and Brain Monitoring XIV under the direction of Dr. Martin Schumann and his colleagues. Symposium attendees enthusiastically look forward to a successful meeting in 2010.

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