

W.S. Poon et al. (eds.)



Intracranial Pressure and Brain Monitoring XII

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Edited by

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Preface

It is our greatest pleasure in editing this traditional monograph following the successful 12th International Symposium on Intracranial Pressure (ICP) and Brain Monitoring (16th–21st August, 2004), a 30 year-tradition since the 1972 Hannover Symposium. Despite the one year delay by the SARS epidemic in 2003, this Hong Kong International Symposium had attracted 240 delegates from 30 countries: in addition to the original neurosurgeon, clinical physicist and intensivist supporters from Europe, USA and Japan, we began to see quality original research presentations from Asia, notably Mainland China, Taiwan, Malaysia and Singapore. This monograph on ICP and Brain Monitoring is consisted of 88 short papers selected from the 115 oral and 88 oral-poster presentations after a peer-review process by the International Advisory Board members. I am grateful to all the editors (Cees Avezaat, Matthew Chan, Marek Czosnyka, Keith Goh, Peter Hutchinson, Yoichi Katayama, Joseph Lam, Anthony Marmarou, Stephanie Ng and John Pickard) for their untiring efforts in reviewing and proof-reading these manuscripts for timely publication in 2005.

The theme of this Hong Kong Symposium is to bring research findings into clinical practice. Anthony Marmarou's keynote lecture at the conclusion of the symposium underlined the importance of translational research of brain injury. A significant number of qual-

ity presentations have illustrated their scientific value and clinical relevance. The organization of these papers into nine sections in the sequence of their original presentation is kept as follows: ICP management in head injury, neurochemical monitoring and intracranial hypertension, neuroimaging, hydrocephalus, clinical trials, brain compliance, biophysics and experimental aspects. We have introduced cash prizes for three best oral and one best oral-poster presentations: Noam Alperin (on the importance of extracranial venous flow in idiopathic intracranial hypertension), Guohua Xi (on brain oedema and neurological deficits induced by thrombin), Mark O'Connell (on glucose metabolism in traumatic brain injury, a study combining microdialysis and PET) and Peter Smielewski (on ICP pattern after infusion study in hydrocephalic patients). Seven review papers of the Satellite Symposium on Neurochemical Monitoring occupy the final section of this monograph.

I hope the timely publication of this monograph will expedite dissemination of research findings, ask more questions and engage in more basic and clinical research. We look forward to the 13th International Symposium on ICP and Brain Monitoring in San Francisco in the year 2007.

*Wai S. Poon
On behalf of the editors*

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