

Publikationen

ABSTRACTS

Sarnthein J, Stern J, Morel A, Aufenberg C, Jeanmonod D: Sources of theta and alpha EEG activity in humans during short-term memory processing. Joint Meeting of the Swiss Society for Neuroscience and the Swiss Society of Behavioural Neurology. Institute of Pharmacology and Toxicology University Zürich Switzerland, January 17, 2004

Stern J, Sarnthein J, Morel A, Aufenberg C, Jeanmonod D: Increased EEG power and slowing of dominant peak in patients with neurogenic pain. Joint Meeting of the Swiss Society for Neuroscience and the Swiss Society of Behavioural Neurology. Institute of Pharmacology and Toxicology University Zürich Switzerland, January 17, 2004

Muroi C, Khan N, Imhof HG, Yonekawa Y: Extracranial-intracranial bypass in haemodynamically relevant ischaemic cerebrovascular disease. 8. Jahrestagung der Zerebrovaskulären Arbeitsgruppe der Schweiz in Lausanne Switzerland, January 29, 2004

Muroi C, Yonekawa Y, Khan N, Rousson V, Keller E: Seasonal variation in hospital admissions due to aneurysmal subarachnoid haemorrhage. 8. Jahrestagung der Zerebrovaskulären Arbeitsgruppe der Schweiz in Lausanne Switzerland, January 29, 2004

Sarnthein J, Stern J, Morel A, Aufenberg C, Jeanmonod D: Sources of theta and alpha EEG activity in humans during short-term memory processing. 3PrdP Day of Clinical Research University Hospital Zürich Switzerland, March 26-27, 2004

Stern J, Sarnthein J, Morel A, Aufenberg C, Jeanmonod D: Increased EEG power and slowing of dominant peak in patients with neurogenic pain. 3PrdP Day of Clinical Research University Hospital Zürich Switzerland, March 26-27, 2004

Khan N, Schuknecht B, Boltshauser E, Roth P, Imhof HG, Yonekawa Y: Childhood moyamoya angiopathy. (disease and syndrome) in Europe. European Stroke Conference (ESC). Mannheim-Heidelberg Germany, May 12-15, 2004

Yonekawa Y, Khan N, Imhof HG: Lessons of Microsurgical treatment learnt from 40 consecutive cases of basilar bifurcation aneurysms. 7PthP Japanese and Korean Friendship Conference on Surgery for Cerebral Stroke. Role of Cerebrovascular Surgeon in the 21PstP Century Gyeongju Korea, June 04-05, 2004

Yonekawa Y, Yoshimura S, Khan N, Könü D, Ohtani N, Cesnulis E, Imhof HG: Paraclinoid aneurysms treated with selective extradural anterior clinoidectomy (SEAC). 7PthP Japanese and Korean Friendship Conference on Surgery for Cerebral Stroke. Role of Cerebrovascular Surgeon in the 21PstP Century Gyeongju Korea, June 04-05, 2004

Yonekawa Y: Moya Moya angiopathy in Europe and its treatment. 30PthP Meeting of the Scandinavian Neuropediatric Society Silkeborg Denmark, June 10-12, 2004

Yonekawa Y, Khan N: Learnt from the microsurgical treatment of 40 consecutive cases of basilar bifurcation aneurysms. Analysis of results and consideration of technical contrivance. (SEAC). 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08, 2004

Yonekawa Y, Yoshimura S, Khan N, Koenue D, Curcic M, Cesnulis E, Imhof HG: Microsurgical treatment of paraclinoid aneurysms: Use of selective extradural anterior clinoidectomy (SEAC). 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08, 2004

Stern J, Sarnthein J, Morel A, Aufenberg C, Jeanmonod D: Increased EEG power and slowing of dominant peak in patients with neurogenic pain. FENS Meeting. Lisbon Portugal, July 10-14. 2004

Fandino J, Krayenbühl N, Kalbarczyk A, Wiesli M, Landolt H: Interbody fusion using plasmapore covered titanium cages in cervical degenerative disc disease after two-level microsurgical anterior discectomy. Jahrestagung SGN und SGO Montreux Switzerland, September 23. 2004

Krayenbühl N, Fandino J, Kalbarczyk A, Wiesli M, Landolt H: Prevention of cervical anterior angulation and intervertebral height loss using new plasmapore covered titanium cages after microsurgical anterior cervical discectomy. Jahrestagung SGN und SGO Montreux Switzerland, September 23. 2004

Rodak R, Kubota H, Dekany G, Koenue D, Eugster HP, Fontana A, Möhler H, Yonekawa Y, Frei K: Cellular mechanisms of taurolidine-induced apoptosis of glioblastoma cells. 7PthP International Congress of Immunology Venice Italy, September 28 - October 02, 2004

Krayenbühl N, Cesnulis E, Yonekawa Y, Imhof HG: Cerebrospinal fluid rhinorrhea: the neurosurgical point of view. International Conference on the Controversies in Paranasal Sinus Surgery Zürich Switzerland, October 1-2. 2004

Sarnthein J, Stern J, Jeanmonod D: Increased EEG power and slowing of dominant peak in patients with neurogenic pain. Neuro Science Center ZNZ Symposium Zurich ETH Zurich Switzerland, October 15, 2004

Sarnthein J, Stern J, Jeanmonod D: Increased EEG power and slowing of dominant peak in patients with neurogenic pain. Record Attendance at Society for Neuroscience 34th Annual Meeting San Diego USA, October 27. 2004

Sarnthein J, Stern J, Morel A, Aufenberg C, Jeanmonod D: Chronic neurogenic pain: thalamocortical dysrhythmic mechanisms. Deutsches Mapping Meeting Marburg Germany, December 4-6, 2004

BOOK CONTRIBUTIONS

Jeanmonod D, Sarnthein J, Stern J, Magnin M, Aufenberg C, Morel A: Thalamotomy for human pain relief. In: Schmidt RF, Willis WD (eds) Encyclopedic Reference of Pain. Springer, Heidelberg, Berlin (in press)

Keller E: Legen von Kathetern und Drainagen. In: Schwab S, Unterberg A, Werner C, Hacke W (eds) Neurocritical Care. Springer, Heidelberg, Berlin (in press)

Keller E, Biro P: Intubation. In: Schwab S, Unterberg A, Werner C, Hacke W (eds) Neurocritical Care. Springer, Heidelberg, Berlin (in press)

Keller E, Bombeli T.: Thromboembolieprophylaxe. In: Schwab S, Unterberg A, Werner C, Hacke W (eds) Neurocritical Care. Springer, Heidelberg, Berlin (in press)

Yonekawa Y, Roth P, Khan N: Backwards projecting, ruptured basilar aneurysm combined with hypoplasia of the internal carotid artery. In: Kobayashi S: (ed) Neurosurgery of Complex Vascular Lesions and Tumors. Thieme, Stuttgart (in press)

Yonekawa Y, Roth P, Khan N: Occipital artery-superior cerebellar artery bypass (paramedian supracerebellar approach) for vertebrobasilar TIAs due to a severe basilar artery stenosis. In: Kobayashi S: (ed) Neurosurgery of Complex Vascular Lesions and Tumors. Thieme, Stuttgart (in press)

DISSERTATIONEN

Affolter Lilian: Akustikusneurinom: Verbesserte Lebensqualität durch mikrochirurgischen Eingriff mit modernem Neuromonitoring und „makroskopisch radiakler“ Exstirpation ? (Dr. M. Bjeljic, Prof. Y. Yonekawa)

Baumann Fabian: Combined thalidomide and temozolomide treatment in patients with glioblastoma multiforme. (PD Dr. R. Bernays)

Gugliotta Marinella: Effect of tirilazad mesylate after aneurysmal subarachnoid hemorrhage: Clinical experience of a single center in Switzerland. (Prof. Y. Yonekawa)

Rodak Roksana: Taurolidine induces ROI-dependent apoptosis of human malignant ex vivo glioma cells and inhibits the VEGF production. (Prof. K. Frei)

Stern Jair: Pain and Rhythms: Localization of persistent cortical theta and beta overactivations in neurogenic pain patients. (Prof. D. Jeanmonod)

Wyss Gisela Maria: Hirnstammcavernome: Überblick über 27 Fälle, die zwischen 1993 und 2003 am Universitätsspital Zürich operiert wurden. (Prof. Y. Yonekawa)

STIPENDIEN UND DRITTMITTEL

Keller E: Forschungsbeitrag Schweizerischer Nationalfonds 2003/2004 zum Projekt: Eine neue nicht invasive Methode zur Überwachung der zerebralen Hämodynamik und Oxygenation mittels Nahinfrarotspektroskopie und Indocyaningrün-Farbstoffdilution.

Frei K: Forschungsbeitrag Olga Mayenfisch Stiftung zum Projekt: Mechanisms of permeability increase across endothelial cells of glial tumors.

Frei K: Forschungsbeiträge des Swiss National Centers of Competence in Research in Neuroscience/NCCR Neuro («Neural plasticity and repair»).

El Beltagy: Bundesstipendiat zum Forschungsprojekt: On the presence and function of dendritic cells in brain tumors.

POSTER

Loup F, Picard F, Yonekawa Y: GABAA receptors in differential distribution and subtype. Joint Meeting of the Swiss Society for Neuroscience and the Swiss Society of Behavioural Neurology. Institute of Pharmacology and Toxicology University Zürich Switzerland, January 17, 2004

Keller E, Terzic A, Fortunati M, Muroi C, Gandjour J, Yonekawa Y: Magnesiumsulfat als adjuvante Therapie nach aneurysmatischer Subarachnoidalblutung. 21. Arbeitstagung für Neurologische Intensiv- und Notfallmedizin Münster Germany, January 22-24, 2004

Fandino J, Keller E, Barth A, Landolt H, Yonekawa Y, Seiler RW: Decompressive Craniotomy after Middle Cerebral Artery Infarction: Retrospective Analysis of Patients treated in Aarau, Bern and Zurich. Zerebrovaskuläre Arbeitsgruppe Schweiz Lausanne Switzerland, January 29, 2004

Muroi C, Yonekawa Y, Khan N, Rousson V, Keller E: Seasonal variations in hospital admissions due to aneurysmal subarachnoid hemorrhage. Zerebrovaskuläre Arbeitsgruppe Schweiz Lausanne Switzerland, January 29, 2004

Pfiffner R, Labler L, Keller E, Pfammatter T: Erste Erfahrungen mit einem neuen temporären Nitinol-Cavafilter. Jahreskongress Schweizerische Gesellschaft für Radiologie Interlaken Switzerland, March 20, 2004

Ishihara H, Kubota H, Sager Y, Paglinawan R, Malipiero U, Hoffmann F, Lindberg R, Liebert U, Leppert D, Yonekawa Y, Frei K: The role of metalloproteinases on the function of the blood-brain barrier. NCCR Symposium Konstanz Germany, March 26-27, 2004

Kubota H, Ishihara H, Langmann T, Schmitz G, Stieger B, Wieser H-G, Yonekawa Y, Frei K:
Expression and localization of MDR1 P-glycoprotein and multidrug resistance-associated proteins (MRP1 and MRP2) in human brain microvascular endothelial cells in hippocampal sclerosis. NCCR Symposium Konstanz Germany, March 26-27, 2004

Mudra R, Nadler A, Niederer P, Keller E: Monte Carlo simulation of light propagation in the adult brain. 3PrdP Day of Clinical Research University Hospital Zürich Switzerland, March 26-27, 2004

Keller E, Gasser S, Yonekawa Y: Long term hypothermia in patients with subarachnoid hemorrhage. 13PthP European Stroke Conference Mannheim-Heidelberg Germany, May 12-15, 2004

Fortunati M, Keller E, Husain N, Schuknecht B: Brain perfusion CT for detection of ischemia due to severe vasospasm in patients with subarachnoid hemorrhage. 23PthP Congress of the European Society of Neuroradiology Aachen Germany, May 23-28, 2004

Albinger A, Schmid S, Bodmer D: Analysis of C-JUN-N-Terminal kinase (JNK) downstream targets in gentamicin induced hair cell death. Frühlingsversammlung der schweizerischen ORL Gesellschaft. Rapperswil Switzerland, Juni 17. 2004

Khan N, Schuknecht B, Boltshauser E, Roth P, Imhof HG, Yonekawa Y: Surgical revascularisation in moyamoya angiopathy (disease and syndrome) in Europe: The Zurich experience. 5PthP World Stroke Conference. Vancouver Canada, June 23-26, 2004

Fortunati M, Gandjour J, Yonekawa Y, Imhof HG, Keller E: Intravascular volume monitoring in patients with cerebral vasospasm after subarachnoid hemorrhage. 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08, 2004

Mudra R, Nadler A, Niederer P, Keller E: Monte Carlo Simulation to verify near infrared spectroscopy. Annual Meeting Swiss Society of Biomedical Engineering Zürich Switzerland, September 02-03, 2004

De Zanche N, Luechinger R, Blaettler D, Jaeger S, Keller E, Pruessmann K: Compatibility study for concurrent Bluetooth wireless transmission and MR imaging. 21PstP Annual Scientific Meeting of the European Society for Magnetic Resonance in Medicine and Biology Kopenhagen Denmark, September 30, 2004

De Zanche N, Luechinger D, Blaettler D, Simon J, Mudra R, Keller E, Pruessmann K: Compatibility study for concurrent Bluetooth wireless transmission and MR imaging. European Society for Magnetic Resonance in Medicine and Biology Copenhagen Denmark, September 30, 2004

POSTERPREISE

Keller E, Terzic A, Fortunati M, Muroi C, Gandjour J, Yonekawa Y: Magnesiumsulfat als adjuvante Therapie nach aneurysmatischer Subarachnoidalblutung. Posterpreis der Arbeitsgemeinschaft für Neurologische Intensivmedizin Münster Germany, January 22-24, 2004

Muroi C, Yonekawa Y, Khan N, Pangalu A, Keller E: Metabolic changes after H215=-PET examination using acetazolamide in a patient with Moyamoya disease. Posterpreis: 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08, 2004

PREISVERLEIHUNG

Stern Jair hat den SSN Best clinical study Award 2004 beim Joint Meeting of the Swiss Society for Neuroscience and the Swiss Society of Behavioural Neurology. Institute of Pharmacology and Toxicology University Zürich Switzerland, January 17. 2004 erhalten: J. Stern, J. Sarnthein, A. Morel, C. Aufenberg, D. Jeanmonod: Increased EEG power and slowed alpha rhythm in patients with neurogenic pain

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Baumann F, Bjeljac M, Kollias SS, Baumert BG, Brandner S, Rousson V, Yonekawa Y, Bernays RL: Combined thalidomide and temozolomide treatment in patients with glioblastoma multiforme. J Neurooncol 67: 191-200, 2004

Schmid C, Wiesli P, Bernays R, Bloch K, Zapf J, Zwimpfer C, Ghirlanda C, Brandle M: Decrease in sE-selectin after pituitary surgery in patients with acromegaly. Clin Chem 50: 650-652, 2004

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Okamoto Y, Di-Patre PL, Burkhard C, Horstmann S, Jourde B, Fahey M, Schuler D, Probst-Hensch NM, Yasargil MG, Yonekawa Y, Lutolf UM, Kleihues P, Ohgaki H: Population-based study on incidence, survival rates, and genetic alterations of low-grade diffuse astrocytomas and oligodendrogliomas. *Acta Neuropathol (Berl)* 108: 49-56, 2004

Fandino J, Keller E, Barth A, Landolt H, Yonekawa Y, Seiler RW: Decompressive craniectomy after middle cerebral artery infarction. Retrospective analysis of patients treated in three centres in Switzerland. *Swiss Med WKLY* 134: 423-429, 2004

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Weber B, Westera G, Treyer V, Burger C, Khan N, Buck A: Constant-infusion H₂¹⁵O PET and Acetazolamide challenge in the assessment of cerebral perfusion status. *J Nucl Med* 45: 1344-1350, 2004

Huang H, Okamoto Y, Yokoo H, Heppner FL, Vital A, Fevre-Montange M, Jouvret A, Yonekawa Y, Lazaridis EN, Kleihues P, Ohgaki H: Gene expression profiling and subgroup identification of oligodendrogliomas. *Oncogene* 23: 6012-6022, 2004

Heinzelmann M, Imhof HG, Trentz O: Shock trauma room management of the multiple-traumatized patient with skull-brain injuries. A systematic review of the literature. *Unfallchirurg* 107: 871-880, 2004

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Krayenbühl N, Alkadhi H, Jung HH, Yonekawa Y: Spontaneous otogenic intracerebral pneumocephalus: Case report and review of the literature. *Eur Arch Otorhinolaryngol* (in press)

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Keller E, Krayenbühl N, Bjeljac M, Yonekawa Y: (2004) Cerebral vasospasm: Results of a structured multimodal treatment. *Acta Neurochir (Suppl)* (in press)

Morel A, Liu J, Wannier T, Jeanmonod D, Rouiller EM: Divergence and convergence of thalamocortical projections to premotor and supplementary motor cortex: A multiple tracing study in macaque monkey. *Eur J Neurosci* (in press)

Jeanmonod D., Sarnthein J., Magnin M., Stern J., Lebzelter C., Aufenberg C., Morel A.: Chronic neurogenic pain: thalamocortical dysrhythmic mechanisms and their surgical treatment. *Thalamus & Related Systems* (in press)

Sarnthein J, Morel A, von Stein A, Jeanmonod D: Thalamocortical theta coherence in neurological patients at rest and during a working memory task. *J Psychophysiol* (in press)

Mudra R, Niederer P, Keller E: Quantification of the extracerebral contamination of near infrared spectroscopy signals. *SPIE Proceedings of Optical Fibers and Sensors for Medical Applications* (in press)

Otani N, Bjeljac M, Muroi C, Weniger D, Wieser HG, Curcic M, Yonekawa Y: Utility of electrical cortical stimulation during awake for glioma resection in eloquent areas: Zurich University Hospital experience and review of the literature (submitted)

Yonekawa Y, Imhof HG, Bjeljac M, Curcic M, Khan N: Three cases of AVM at eloquent areas finally treated with conventional microsurgical method. Acta Neurochir (Suppl) (in press)

Yonekawa Y, Khan N, Roth P: Basilar bifurcation aneurysms. – Lessons learnt from consecutive 40 cases. Acta Neurochir (Suppl) (in press)

Echchannaoui H, Frei K, Strieter RM, Adachi Y, Landmann R: CD14 deficiency leads to early death due to increased MIP-2 production, CXCR2 expression, neutrophil transmigration and inflammation during pneumococcal meningitis. (submitted)

Weber C, Ehrbar M, Kubota H, Martiny-Baron G, Weber W, Djonov W, Weber E, Fussenegger M, Frei K, Hubbell JA, Zisch A: Multimerization-independent signalling by the isolated fibrinogen-like effector domain of angiopoietin, delivered as protein or gene, affects endothelial cell and vessel organization. (in revision)

VORTRAG

Jeanmonod D: Die thalamo-kortikale Dysrhythmie. Psychologisches Institut Basel Switzerland, January 08. 2004

Keller E: Komplikationen nach AVM-Embolisation: Neurointensivmedizinische Aspekte. Ski-Meeting Neurochirurgie. Sils-Baselgia Switzerland, February 10. 2004

Keller E: Neue Methoden zur CBF-Messung auf der Neurointensivstation. Ski-Meeting Neurochirurgie. Sils-Baselgia Switzerland, February 10. 2004

Jeanmonod D: The neuropsychiatric thalamocortical dysrhythmia. Universitäre Psychiatrische Clinic Cery Lausanne Switzerland, March 12. 2004

Jeanmonod D, Morel A: (Co-Organisator und Referent) Tremorchirurgie. Anatomie der menschlichen Thalamus- und Basalkerne. Parkinson-Symposium, Universitätsspital Zürich Switzerland, March 25. 2000

Keller E: Neurointensive care of patients with hemorrhagic complications of brain AVM embolization. 12PthP Zürich Course on Interventional Neuroradiology. Zürich Switzerland, March 27 - April 02. 2004

Neurochirurgische Klinik, UniversitätsSpital Zürich

Jeanmonod D: Thalamo-kortikale Mechanismen der chronischen Schmerzen. Abteilung für Psychosomatik Kantonsspital Basel Switzerland, March 30. 2004

Jeanmonod D: Mechanismen der chronischen Schmerzen. Klinik Schloss Mammern Switzerland, May 06. 2004

Jeanmonod D: Thalamo-kortikale Mechanismen der chronischen Schmerzen. Abteilung für Psychosomatik Kantonsspital Basel Switzerland, May 18. 2004

Jeanmonod D, Morel A: Human thalamocortical dysrhythmia. Cold Spring Harbour Laboratory Banbury Center Conference Cold Spring Harbor USA, May 23. 2004

Keller E: Bettseitige Messmethoden zur Ueberwachung der zerebralen Hämodynamik und Oxygenation. Jahrestagung der Schweizerischen Gesellschaft für Mikrozirkulation. Zürich Switzerland, May 23-25. 2004

Jeanmonod D, Morel A: Thalamocortical mechanisms of neurogenic pain. European League Against Rheumatism Berlin Germany, June 09-12. 2004

Jeanmonod D: Schmerzmechanismen. Rehabilitationsklinik Zurzach Switzerland, June 11. 2004

Keller E: Hypothermie und Barbituratcoma bei Patienten mit therapieresistenten Vasospasmen nach Subarachnoidalblutung. 17. Wissenschaftliche Sitzung ADNANI Offenbach Germany, June 13. 2004

Sarnthein J: „Die Rolle von Erwartung und Handlung bei der Wahrnehmung. Ostschweizerische Gesellschaft für Psychiatrie. Pfäfers Switzerland, June 17. 2004

Keller E: Management von Komplikationen nach Embolisation von arteriovenösen Missbildungen. Neurobiologisches Kolloquium Klinikum Grosshadern. München Germany, June 23. 2004

Imhof HG: Management of multiple aneurysms. 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08. 2004

Keller E: Hypothermia, barbiturate coma. 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08. 2004

Keller E: Management of subarachnoid hemorrhage: Hypothermia, barbiturate coma. 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08, 2004

Khan N: Moyamoya disease in Europe. 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery. University Hospital Zürich Switzerland, July 05-08, 2004

Freie Mitteilung

Keller E, Mudra R, Pangalu A, Yonekawa Y, Niederer P: Bedside monitoring of cerebral blood flow in patients with cerebral vasospasm after subarachnoid hemorrhage with the NIRS ICG dye dilution technique. 7PthP International Conference on Xenon-CT CBF and Metabolism Bordeaux France, June 22-25, 2004

Yonekwa Y: From the conventional microsurgical point of view. 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery. University Hospital Zürich Switzerland, July 05-08, 2004

Sarnthein J: Thalamocortical rhythmicity in patients with Parkinson and neurogenic pain. Institute for Theoretical Biology. Humboldt Universität Berlin Germany, July 07. 2004

Keller E: Subarachnoidale und intrazerebrale Blutungen: Neurointensivmedizinische Aspekte. 2. Schwyzer Symposium für Intensivmedizin. Schwyz Switzerland, Juli 09. 2004

Keller E: Treatment of cerebral vasospasm after subarachnoid hemorrhage: Triple H therapy. Postgraduate-Fortbildung. Ospedale Civico Lugano Switzerland, August 09. 2004

Bernays R: Die Rolle des interventionellen MRIs in der Hypophysenchirurgie. Symposium zu Ehren von Prof. Otmar Gratzl. Neurochirurgische Klinik Universitätsspital Basel Switzerland, August 26. 2004

Jeanmonod D: Zentrale Mechanismen der chronischen Schmerzen. Rehabilitationsklinik Schinznach Switzerland, September 23. 2004

Frei K: Cellular mechanisms of taurolidine-induced apoptosis of glioblastoma cells. 7PthP International Congress of Immunology. Venice Italy, September 28 - October 02, 2004

Krayenbühl N: Cerebrospinal fluid rhinorrhea: the neurosurgical point of view. International Conference on the Controversies in Paranasal Sinus Surgery. Zürich Switzerland, October 1-2. 2004

Krayenbühl N, Fandino J, Kalbarczyk A, Wiesli M, Landolt H: Prevention of cervical anterior angulation and intervertebral height loss using new plasmapore covered titanium cages after microsurgical anterior cervical discectomy. International Conference on the Controversies in Paranasal Sinus Surgery. Zürich Switzerland, October 1-2. 2004

Jeanmonod D, Morel A: Human thalamocortical dysrhythmia. Neuro Science Center ZNZ Symposium Zurich ETH Zurich Switzerland, October 15. 2004

Yonekawa Y: Sitting position tumor surgery – its efficacy for removal of tumors of the supratentorial, infratentorial and cervico-thoracic location. 9th Annual Meeting of the Japanese Congress for Brain Tumor Surgery. Kanazawa Japan, November 12-18. 2004

Imhof HG: Microsurgery: Instrumentation and Equipment. Synthes. Oberdorf, November 19. 2004

Jeanmonod D: Thalamo-cortical Mechanisms of trigeminal neurogenic pain. Ophthalmological Clinic University Hospital Zürich Switzerland, November 22. 2004

Yonekawa Y: Surgical treatment of lesions in the pineal area. Olivecrona Symposium. Surgical Management of Deep-seated Intracranial Lesion. Karolinska University Hospital Stockholm Sweden, December 3-4. 2004

Sarnthein J: Chronic neurogenic pain: Thalamocortical dysrhythmic mechanisms. Deutsches Mapping Meeting Giessen Germany, December 05. 2004

Krayenbühl N, Khan N, Yonekawa Y: Application of EC-IC Bypasses in the Treatment of Aneurysms. Neurorama Interdisciplinary Training University Hospital Zurich Switzerland, December 16. 2004

Jeanmonod D: The neuropsychiatric thalamo-cortical dysrhythmia. Psychiatric Polyclinic University Hospital Zürich Switzerland, December 20. 2004

CONFERENCE, SYMPOSIUM, WORKSHOPS

Yonekawa Y, Sakurai Y, Valavanis A, Tsukahara T, Keller E: 2PndP Swiss Japanese Joint Conference on Cerebral Vascular Surgery University Hospital Zürich Switzerland, July 05-08, 2004

Imhof HG, Yonekawa Y, Groscurth P: Annual Hands-On Microsurgery Course Zurich Workshop Zürich Switzerland, August 21–23. 2004