

Controversies in Hydrocephalus and CSF Flow (IHIWG) Workshop

May 23 – 24, 2013

Thursday, May 23 – 1:30pm – 5:30pm

Friday, May 24 – 7:30am – 5:30pm

San Diego Convention Center – Room 10

Preliminary Agenda

(As of 4/26/13)

Thursday, May 23, 2013

Welcome	1:30 PM – 2:00 PM	History of International Hydrocephalus Imaging Working Group (Harold Rekate, MD) Logistics (William G. Bradley, MD, PhD)
Session 1	2:00PM – 3:30PM	Fundamentals of CSF Physiology and ICP Critical Review of Animal Models for MRI studies of Hydrocephalus (Pat McAllister, PhD) CSF Formation and Uptake: Role of Aquaporins (esp AQ4) and Solute Transport (Aristotle Filippidis, MD) CSF Flow in Cats (Thomas Brinker, MD) To be confirmed MR-Based Estimation of ICP (Noam Alperin, PhD) To be confirmed
	3:30 PM – 4:00 pm	AFTERNOON BREAK
Session 2	4:00 PM – 5:30 PM	New Techniques and ?Syndromes TIME-SLIP from the Neurosurgeon's perspective (Gordon McComb, MD) TIME-SLIP from the Neuroradiologist's perspective (Meng Law, MD) Optimized CSF Flow protocol and phantom validation (Kezhou Wang, PhD) Cranio-Cervical Syndrome (Raymond Damadian, MD) Chiari I and Whiplash Injury (Francis Smith, MD) Dinner (sponsored by Fonar) – Details to be provided

Friday, May 24, 2013

	7:30 AM – 8:00 AM	CONTINENTAL BREAKFAST
Session 3	8:00 AM – 9:30 AM	Hydrocephalus (Part 1): Neonatal Hydrocephalus (Grant Bateman, MD) Atrophy vs NPH? The Value of Pressure Volume Index in Identifying the Imaging Findings (Gunes A Aygok, MD, PhD) Atrophy vs NPH?: Value of PC-MRI and the Aqueductal CSF Stroke Volume (William G. Bradley, MD, PhD) NPH: DESH vs Tap Test (Etsuro Mori, MD, PhD) NPH: TIME-SLIP (Shinya Yamada, MD, PhD)
	9:30 AM – 10:00 AM	MORNING BREAK
Session 4	10:00 AM – 12:00 PM	Chiari I and the Craniovertebral Junction (Part 1) Naming of Chiari (Rafeeqe Bhadelia, MD by Skype) Computational Flow Dynamics at CVJ (Karen Stoverud, PhD) Using PC-MRI to Predict Response to Post Fossa Decompression (Victor Haughton, MD) Defining instability at the Craniovertebral Junction (Frasier Henderson) Round table discussion about instability and its diagnosis of our people including Ulrich Batsdorf Paolo Bolognese Ed Benzel (? Go to meeting) ???
	12:00PM – 1:30 PM	LUNCH BREAK
Session 5	1:30 PM – 3:00 PM	Hydrocephalus and Related Disorders (Part 2) DTI Findings in NPH (Murray Solomon, MD) Abnormal Structural Connectivity in the Brain Network of Children with Hydrocephalus using Graph Theoretical Analysis (Weihong Yuan, PhD) Should the syndrome of iNPH be relegated to the “History of Medicine book”? (Daniele Rigamonti, MD) Idiopathic Intracranial Hypertension (Harold Rekate, MD vs Grant Bateman, MD) Intracranial Hypotension (Wouter Schievink, MD))
	3:00 PM – 3:30 PM	AFTERNOON BREAK

Friday, May 24, 2013

Session 6	3:30 PM – 5:00 PM	Chiari I and Related Disorders (Part 2): Definition of Chiari I (Harold Rekate, MD) Craniovertebral Junction (Charles Raybaud, MD) Engineering Insights into CSF Flow Dynamics Near the CVJ (Bryn Martin, PhD) Arachnoid Cysts and Chiari (Petra Klinge, MD)
Closing Comments	5:00 PM – 5:30 PM	Next Meeting of IHIWG- Mainz: Oct 2 and 3 (with ICHP): Harold Rekate, MD
	5:30 PM – 6:00 PM	Bus Leaves from San Diego Marriott
Reception	6:00 PM – 10:00 PM	Party at Bradley's in La Jolla (significant others welcome)