

IHIWG — CSF FLOW GROUP

THE INTERNATIONAL HYDROCEPHALUS IMAGING WORKING GROUP — CSF FLOW GROUP

Long Beach Convention and Entertainment Center

Thursday, April 27, 2017 | 1:00pm – 5:30pm

Friday, April 28, 2017 | 8:00am – 5:00pm

The IHIWG (International Hydrocephalus Imaging Working Group) consists of neuroradiologists, neurologists, neurosurgeons, bioengineers, and basic scientists who meet twice a year in conjunction with ASNR and the ISHCSF (International Society for Hydrocephalus and CSF Disorders). The meeting will address all forms of hydrocephalus with emphasis on imaging NPH, including phase contrast techniques to measure aqueductal CSF flow, DESH (Disproportionately Enlarged Subarachnoid Space Hydrocephalus), and TimeSLIP to predict response to shunting. Additionally, the Study Group compares these noninvasive MR-based techniques to the more invasive intracranial pressure monitoring, saline infusion, high-volume tap test and external lumbar drainage. CSF production and resorption, role of aquaporins, and CSF flow measurements to study Chiari I malformations as well as potential sources of error in measurements are reviewed. Recent meetings have had focused sessions on MRI measurement of connectivity, tractography, elastography and evolving concepts such as the “glymphatic system” and the VIIP (Visual Impairment and Intracranial Pressure) syndrome experienced by astronauts spending time on the space station.

Infantile hydrocephalus and benign external hydrocephalus and the role of the latter as a potential cause of NPH later in life are discussed, in addition to examining changes in DTI and MR elastography in NPH and discuss related topics such as aqueductal stenosis and pseudotumor cerebri.

To learn more about the IHIWG’s mission, members, and previous meetings, please visit www.ihiwg.org.

Additional registration fees will apply for the IHIWG/CSF Flow Group. If you are interested in more details about the IHIWG/CSF Flow Group, please visit 2017.asnr.org.



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Register for the IHIWG/CSF Flow Group on Thursday, April 27 and Friday, April 28.

Thursday Only:	Member \$75	Non-member \$100
Friday Only:	Member \$125	Non-member \$150
Thursday/Friday:	Member \$200	Non-member \$250

