

Second PMT meeting on the EADC-ADNI Harmonization of Protocols for Hippocampal Segmentation

Wednesday, September 28, 2011

Participants:

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| Giovanni B. Frisoni | (GBF) | – IRCCS S. Giovanni di Dio - Fatebenefratelli, BS, Italy |
| Marina Boccardi | (MB) | – IRCCS S. Giovanni di Dio - Fatebenefratelli, BS, Italy |
| Martina Bocchetta | (MBocch) | – IRCCS S. Giovanni di Dio - Fatebenefratelli, BS, Italy |
| Clifford R. Jack | (CJ) | – Mayo Clinic, Rochester, MN, USA |
| Simon Duchesne | (SD) | – Laval University, Québec City, Canada |
| Lennart Thurfjell | (LT) | – GE |

Dr. Boccardi and dr. Bocchetta show the demographic features (age, sex, disease, ApoE) of the selected subjects for the Benchmark and Validation Phase of the project. No 3Tesla SIEMENS-Allegra scans were chosen for the whole project.

Dr. Boccardi shows the Questionnaire prepared for the third round of the Delphi panel.

Dr. Boccardi, dr. Duchesne and dr. Frisoni discussed about the preliminary test for the Qualification web-portal, using the SUs already traced by the Master Tracers or the Preliminary-Harmonized Hippocampus traced by other tracers. These possibilities are not feasible, so the conclusion is to skip the pre-test and try the system with the final Benchmark images themselves. Dr. Duchesne will use the tracings from the first 5 Naïve Tracers to verify and set the thresholds, which are not embedded in the system, and also to check any possible issue that may arise.

The abstract for the AAN 2012 will be circulated soon to the authors. Dr. Boccardi exposes the prospective for the divulgation of Harmonized Protocol project and preliminary results to interested fields (psychiatry, epilepsy). A symposium can be organized during the congress of the Society of Biological Psychiatry (SOBP) that will take place in Philadelphia, on May 2012. The deadline is October, 24th 2011.

Dr. Duchesne proposes a publication on the qualification system (platform, methods, metrics and thresholds) and he will be the rightful referent for this work.

Dr. Duchesne suggests to enlarge the sample of images manually traced to include the whole ADNI sample for the validation of the automated segmentation algorithms. Dr. Frisoni claims that the distribution of tracings and data will not be limited and exclusive to LONI-ADNI, but he suggests “publicly” distributing them through Neugrid.

The presented slides are available at www.hippocampal-protocol.net.

The PTM will meet monthly, each last Wednesday, from 4 pm to 5 pm CET.

The next TC is scheduled for October 26, 2011.

Due to technical problems, from now on for the TCs we will use the regular telephone (Ready Conference system) + slides that will be circulated the day before the call.