20141107 K-ADNI Update 1

- Clinical core
  - Electronic data capture (EDC) link with LORIS system under testing
  - China-Japan-Korea Dementia Researchers Symposium held on 28th, September

<table>
<thead>
<tr>
<th>Part I</th>
<th>Chairperson: Doh Kwan Kim</th>
<th>Sungkyunkwan Univ.</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00–13:20</td>
<td>Welcome address and congratulatory remarks</td>
<td>Seong Yoon Kim</td>
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<tr>
<td>14:20–14:50</td>
<td>Neuroimaging of Chinese dementia patients</td>
<td>ZhiGang Qi</td>
</tr>
<tr>
<td>14:50–15:10</td>
<td>Coffee break</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Part II</th>
<th>Chairperson: Seul-Hee Han</th>
<th>Konkuk Univ.</th>
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</thead>
<tbody>
<tr>
<td>15:40–16:10</td>
<td>Genetic and biomarker studies of AD in Japan</td>
<td>Takeshi Ikuuchi</td>
</tr>
<tr>
<td>16:10–16:30</td>
<td>Current status of dementia studies in Korea</td>
<td>Seong Yoon Kim</td>
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<tr>
<td>16:30–16:50</td>
<td>Analysis of Korean MR Data on dementias</td>
<td>Won-Jin Moon</td>
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<tr>
<td>16:50–17:10</td>
<td>Analysis of Korean PET Data on dementias</td>
<td>Jae Seung Kim</td>
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<td>17:10–17:40</td>
<td>Discussion and closing remarks</td>
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- 11/25 sites completed Kick-off Investigators Meeting recently, and other sites are under IRB reviews
- FSFV expected at the end of November
MRI core
  ○ Revision of study protocol: 2D FLAIR → 3D FLAIR

<table>
<thead>
<tr>
<th>No.</th>
<th>Sequence</th>
<th>Comments</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Localizer</td>
<td>Localization</td>
<td>&lt; 1 min.</td>
</tr>
<tr>
<td>2</td>
<td>B1 field Calibration/ reference scan</td>
<td>(if needed)</td>
<td>&lt; 1 min.</td>
</tr>
<tr>
<td>3</td>
<td>3D Sagittal FLAIR</td>
<td>1x1x1 mm 256mm FOV</td>
<td>&lt; 6 min.</td>
</tr>
<tr>
<td>4</td>
<td>3D Sagittal T1 MPRAGE</td>
<td>1x1x1 mm 256mm FOV</td>
<td>&lt; 4 min.</td>
</tr>
<tr>
<td>5</td>
<td>Axial resting state FMRI</td>
<td>TR=2000ms</td>
<td>&lt; 4 min.</td>
</tr>
<tr>
<td>6</td>
<td>2D Axial GRE</td>
<td></td>
<td>2 min.</td>
</tr>
<tr>
<td>7</td>
<td>3D TOF screening</td>
<td></td>
<td>1:30</td>
</tr>
<tr>
<td>8</td>
<td>T2-TSE fat sat</td>
<td></td>
<td>&lt; 2 min.</td>
</tr>
<tr>
<td>9</td>
<td>Field mapping</td>
<td></td>
<td>&lt; 2 min.</td>
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<tr>
<td>10</td>
<td>Diffusion tensor imaging (DTI)</td>
<td>30 direction for SIEMENS, 32 direction for GE, Philips 2.2mm slice thickness</td>
<td>&lt; 8 min.</td>
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</tbody>
</table>

Total Acquisition Time < 35 min.

• Public funding (Ministry of Health and Welfare) 3rd year started this November.