

3rd Annual MRI Workshop on Stroke and Traumatic Brain Injury (TBI)



March 10, 2017
Tianjin First Central Hospital
Tianjin, China

Organizers:

E. Mark Haacke, PhD, Shuang Xia, MD, Kang Yan, PhD

Local Organizing Committee:

Shuang Xia, MD, Chai Chao, MD

Sponsors:

Liaoning Society of Medical Information and Health Engineering
Sino-Dutch Biomedical and Information Engineering School of Northeastern University

Endorsed by:

International Society of Neurovascular Disease



AGENDA: LONG TERM GOALS FOR AN INTEGRATED STROKE IMAGING PROTOCOL

- To promote the use of MRI in the evaluation of stroke.
- To establish more collaborators across China in stroke.
- Introduce the cloud for the stroke team
- Introduce NeuSPIN for the stroke team

DAY 1: MARCH 10, 2017: ADVANCED STROKE IMAGING: ITS ROLE IN DIAGNOSIS AND TREATMENT

8:20AM: WELCOME BY PRESIDENT PROF. SHEN WEN

SESSION 1: 8:30 TO 10:00AM: MRI AND STROKE A TECHNICAL VIEWPOINT

Moderators: Xia Shuang and E. Mark Haacke

- 8:30 am **Haacke, E. Mark**
"STAGE imaging for stroke"
- 9:00 am **Song, Shlee**
"Extending the window for treatment of stroke"
- 9:20 am **Wang Meiyun**
"Clinical experience with CEST in Stroke"
- 9:40 am **Xia Shuang**
"Clinical experience with SWI and STAGE"
- 10:00 am **Qi Shouliang**
"The potential applications of connectomics in stroke"

10:20 am Coffee Break

SESSION 2: 10:30AM TO 12:30PM: MRI AND STROKE A CLINICAL VIEWPOINT

Moderators: Shen Wen and Zhang Jing

- 11:00 am **Gao Peiyi**
"The new technique of imaging in evaluation of Stroke"
- 11:20 am **Wang Zhiyun**
"From neurologist of view: The key elements of imaging in stroke and the diagnostic importance"
- 11:40 am **Tong Xiaoguang**
"From neurosurgeon of view: The key elements of imaging in stroke and the diagnostic importance"
- 12:00 am **Xu Haibo**
"Numerical simulation of hemodynamics on cerebrovascular diseases"

12:20 pm to 1:30 pm Lunch Time/Group Pictures

SESSION 3: 1:30 TO 3PM: IMAGING AS A GUIDE TO THE TREATMENT OF STROKE

Moderators Yang Qi and Hyun Seok Choi

- 1:30 pm **Yang Qi**
"The importance of vessel wall imaging in the brain and neck"
- 2:00 pm **Luo Yu**
"Our experience in imaging prior to endovascular thrombolectomy"
- 2:20 pm **Chang Binge**
"Current status of carotid endarterectomy"
- 2:40 pm **Zhang Qin Yi**
"The importance in the diagnosis and treatment of stroke"
- 3:00 pm Coffee Break**

SESSION 4: 3:30PM TO 5:00PM: DATA PROCESSING, DATA STORAGE AND BIG DATA

Moderators: Kang Yan and Mark Haacke

3:30 pm	E. Mark Haacke <i>"An introduction to NeuSPIN"</i>
4:00 pm	Kang Yan <i>"An introduction to the use of the cloud for stroke"</i>
4:30 pm	Discussion and hands on demonstrations
6pm	<i>Dinner</i>

EVENING DISCUSSION

CHINA COLLABORATIVE TEAM DISCUSSION AND DEMONSTRATIONS ON STROKE, STAGE AND BIG DATA

- Collaborative group meeting on STAGE and vessel wall imaging
- Introduction of current members of the "SWI STROKE TEAM"
- Introduction of new members of the "SWI STROKE TEAM"
- Setting goals for the coming year
- Possible papers from current work
- Possible grant applications in China and abroad
- Establishing the stroke teams cloud database
- Collaborative evaluation of NeuSPIN at luminary sites for its first formal introduction