Stroke is a global epidemic, and neuroimaging plays a growing role in the clinical management of stroke patients and in advancing stroke research. Neuroimaging is used for the initial evaluation of acute stroke patients before treatment decision, for safety monitoring of stroke patients during the acute phase, and also to assess final infarct volume in these patients. Beyond the identification of patients who may benefit from novel pathways for acute intervention, advanced imaging techniques can also potentially be used for stroke prevention to assess vulnerable carotid atherosclerotic plaque and identify patients at high risk of stroke. Advanced imaging may also potentially be used to monitor functional changes in the brain recovery process and to tailor physical and neurocognitive therapy after stroke.

Integrating advanced imaging in stroke clinical trials can be challenging, as not all centers are able to perform advanced imaging in stroke patients in the acute setting. Currently, every imaging-based multicenter trial repeats the same process for identifying eligible centers with the required technical capabilities to perform the study before startup. Having a centralized database of center capabilities could streamline the process and ultimately accelerate startup of imaging-based stroke clinical trials.

For this reason, the Stroke Imaging Research (STIR) group, an international consortium of stroke experts with an interest in imaging, is conducting a survey to collect information about the imaging capabilities of centers across the world in the setting of acute stroke. If you are interested in being involved in future imaging-based stroke clinical trials, please respond to the following survey: https://www.surveymonkey.com/s/DQRDYB2. Deadline to take the survey is September 31, 2013.

The results of this survey will be published, and the data will be stored so that, in the future, we can contact you if an imaging trial is planned that involves capabilities available at your center. We will contact you in the future for updates to make sure that the data for your site are current.

Thank you for your cooperation!

Disclosures

None.

Key Words: acute stroke ▪ computed tomography ▪ imaging ▪ magnetic resonance imaging ▪ perfusion imaging ▪ thrombolysis
International Survey of Acute Stroke Imaging Capabilities: We Need You!
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