Supplementary Table 1A Summary of the Kyoto Stroke Registry Program

1. **Purpose**
   The purpose of this registry is to register and analyze all stroke patients in the Kyoto prefecture with the cooperation of the affiliated medical institutions to better understand the facts about stroke patients and to identify effective countermeasures against stroke including prevention, rehabilitation, and home care.

2. **Implementation body**
   The Kyoto prefecture entrusts the program to the Kyoto Medical Association. The Kyoto Medical Association conducts the registry with cooperation of affiliated medical associations.

3. **Registry Committee**
   The Committee of the Kyoto Medical Association Stroke Registry Program supervises and advises the program for smooth conduction.

4. **Subjects**
   The residents of Kyoto prefecture who go to medical institutions that belong to the Kyoto Medical Association may be registration.

5. **Methods**
   (1) The Kyoto Medical Association distributes stroke patients registration forms to the affiliated medical institutions
   (2) The medical institutions fill in and submit the registration forms when their patients fulfill the following criteria.
      1 Patients diagnosed with stroke
      2 Patients diagnosed with stroke who were treated for stroke or had been treated for stroke and the treatment was discontinued in the past
      3 Patients who were once enrolled in the registry and had stroke again
      4 Patients whose diagnoses were confirmed as stroke after they were registered with suspected stroke
   (3) The Kyoto Medical Association computerizes the registration forms and registers, stores and analyzes the information
   (4) The Kyoto Medical Association queries the medical institutions if crucial information, such as a patients’ address or date of birth, is missing
(5) The Kyoto Medical Association informs the medical institutions of the results of its registry

6. Death records
The registry is referred with death records

7. Follow-up study
If needed, a supplementary study and follow-up study are conducted by the Kyoto Medical Association with the cooperation of the attending physicians

8. Cooperation of related associations and organizations
This project is conducted with the cooperation of medical institutions and related associations, organizations, research organizations and expert meetings

9. Privacy policy
Doctors and any other participants in this registry must protect patient privacy

10. Contact with patients
Patients must not be contacted without the permission from the attending physicians

**Supplementary Table 1B Inclusion and Exclusion criteria for the KSR**

[Inclusion criteria]
1. Patients are registered when they have acute clinical symptoms arising from cerebrovascular disorders that last for more than 24 hours or lead to death.
2. Patients are registered regardless of their age.
3. Patients are registered regardless of their sex.
4. Patients must have lived in the Kyoto Prefecture.
5. Differential diagnoses have been made by attending physicians based on CT/MRI images and other clinical examinations.

[Exclusion criteria]
1. When patients are diagnosed with some disorder other than stroke
2. When patients move out of the Kyoto prefecture
3. When patients have stroke-like symptoms but they are caused by non
cerebrovascular factors
   Caused by head trauma
   Developed during pregnancy, parturition and puerperal periods
   Caused by drugs and toxins
   Caused by cancer
   Caused by hematologic disease
   Caused by encephalitis or meningitis
   Caused by shock, Adam-Strokes syndrome or hypertensive encephalopathy

4 TIA is also excluded as the symptoms cease within 24 hours after onset