

**Supplementary Table 1.** Factors to enhance ambulance prenotification by EMTs

Simplified call system	We adopted a hotline with a single phone number. This hotline called our team and did not involve smart phone applications or webcam chatting.
Efforts not to miss calls from EMTs	In any case of missed calls by our responder, the call was automatically forwarded to another responder.
Reassuring EMTs on our care system	We promised EMTs that we would do our best to treat stroke victims. We waited for EMTs when they were transferring patients to our emergency room. We reassured EMTs that we always save beds dedicated to patients receiving thrombolytic therapies in our neurological intensive care unit.
Repeated education of EMTs	We explained details of our SAT activities to EMTs. We presented SAT data to EMTs during the education. We used a poster and video clips on FAST during the education (Supplementary Figure 1).
Formal letters to EMS stations	We sent EMS stations formal letters on education sessions provided by the SAT leader.
Positive feedback from patients and families	During the education, we showed EMTs video clips and letters, in which patients and their families appreciated the ambulance prenotification call.
Positive feedback from our stroke team	We issued certificates for EMTs who used ambulance prenotification calls.

EMT, emergency medicine technician; EMS, emergency medical service.