

<Supplementary table 2> Calculation methods for stroke quality of care indicators

Category	Quality indicator	Denominator	Numerator
(1) Patient assessment	Smoking cessation education rate	Number of cases where had a smoking history within one year	Number of cases where doctors surveyed smoking history and conducted Smoking Cessation Education
	Dysphagia screening test rate	Number of cases underwent dietary practices during hospitalization	Number of cases of screening for dysphagia
(2) Initial diagnosis	Brain imaging screening rate	Number of cases hospitalized with in 6 hours from the final normal time	Number of cases where evaluated assessments for rehabilitation treatment within 5 days of hospitalization
	Early rehabilitation assessment rate	Number of cases for overall stroke patients (I60-I63)	Percentage of cases where evaluated assessments for rehabilitation treatment within 5 days of hospitalization among acute stroke patients (I60-I63)
(3) Initial treatment	Blood lipid test rate	Number of cases for ischemic stroke patients (I63)	Number of cases where underwent blood lipid tests during hospitalization or within 30 days before hospitalization
	Intravenous thrombolytic agent (t-PA) consideration rate	Number of cases of hospitalizing within 3 hours from the final normal time among ischemic stroke patients (I63)	Number of cases considered for intravenous thrombolytic agent (tPA) administration
	Intravenous thrombolysis agent (t-PA) administration rate	Number of cases administered intravenous thrombolytic agent (tPA) within 4.5 hours from the final normal time among ischemic stroke patients (I63)	Number of cases where administered intravenous thrombolytic agents (tPA) administration within 60 minutes of arrival at the hospital
	Antithrombotic administration rate	Number of cases for ischemic stroke patients (I63)	Number of cases administered antithrombotic medication within 48 hours of arrival at the hospital
(4) Secondary prevention	Antithrombotic prescription rate at discharge	Number of cases for ischemic stroke patients (I63)	Number of cases prescribed for oral antithrombotic drugs at discharge
	Anticoagulant prescription rate at discharge	Number of cases for ischemic stroke patients (I63) with atrial fibrillation	Number of cases prescribed for oral anticoagulants at discharge