

**Supplementary Table 1.** Definitions, related conditions, and corresponding medical actions of the KTAS

<b>Level</b>	<b>Definition</b>	<b>Related condition</b>	<b>Corresponding medical action</b>
<b>1 (Resuscitation)</b>	Condition poses a threat to the patient's life or extremities	Cardiac arrest, major trauma associated with shock, severe respiratory failure, severely decreased mentation (GCS, 3–8)	Immediate aggressive intervention is required
<b>2 (Emergent)</b>	Condition has the potential to put the patient's life, limbs, or body function at risk	Moderate respiratory failure, hematemesis, symptomatic hypertension (SBP >220 mmHg or DBP >130 mmHg), moderately decreased mentation (GCS, 9–13), fever (body temperature >38 °C, SIRS >3 or SIRS >2 with suspected infection), severe chest pain, abdominal pain (NRS >7), severe headache, major trauma	Early intervention is required
<b>3 (Urgent)</b>	Condition can eventually lead to serious complications	Mild respiratory failure, asymptomatic hypertension (SBP >220 mmHg or DBP >130 mmHg), vomiting and/or nausea (mild dehydration), moderate abdominal pain (NRS, 4–7), moderate headache (NRS, 4–7), uncontrollable bloody diarrhea	Immediate intervention is not necessarily required
<b>4 (Less urgent)</b>	Condition is associated with age, pain, or other related patient complications	Confusion, symptom of urinary infection, constipation (NRS <4), mild pain (NRS <4)	Intervention or reassessment may be required within 1–2 hr
<b>5 (Nonurgent)</b>	Condition is derived from a chronic problem	Mild diarrhea, bite, dressing, drug prescriptions	Examination or intervention can be delayed

KTAS, Korean Triage and Acuity Scale; GCS, Glasgow Coma Scale; SBP, systolic blood pressure; DBP, diastolic blood pressure; SIRS, systemic inflammatory response syndrome; NRS, numeric rating scale.