**Supplementary Table 1. Taiwan emergency department visit criteria**

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| Classification System  | Examples |
| 1. Abnormal vital signs, physiology and general symptoms
 | Unstable vital signs, unstable body temperature, acute pain (unspecified), acute bleeding, foreign body, and obstruction |
| 1. Organ dysfunction

Neurology | Consciousness disturbance, coma, convulsion, motor dysfunction, ataxia, headache, Low back pain |
| Cardiopulmonary | Chest pain, dyspnea, wheezing, cyanosis |
| Gastrointestinal | Acute diarrhea, vomiting, and dehydration |
| 1. Infection
 | Communicable diseases |
| 1. Trauma
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| 1. Intoxication
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| 1. Acute psychiatric
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Source: National Health Insurance Administration. National Health Insurance Medical Service Payment Items and Payment Standards. 2019.