**Supplemental Figure 1.**

**Pediatric patients who may require single dose empirical antibiotic at the emergency room**

□ 1. Age under 1 year old with fever ≥ 39.5 °C \*

□ 2. Age under 18 months old with fever ≥ 38 °C and any of the following criteria\*

□ 2.1 unlikely to be simple febrile convulsion or fever provoked seizure

□ 2.2 HR > 180/min or < 90/min or SBP < 75 mmHg or capillary refill > 2 sec or mottled and cool skin

□ 2.3 toxic appearance ex. Alteration of consciousness, irritable, not response to stimuli

□ 3. Age 1-15 years old with fever ≥ 38.5 °C and one of vital signs of SIRS criteria as table\*\*

*\*The criteria 2.1-2.3 are met if without history and/or symptoms likely to be viral infection including runny nose, oral ulcer, rash on palms and soles, maculopapular rash, or history of vaccination within previous 24 hours*□ 4. immunocompromised host (eg. primary immune deficiency, neutropenia, recently received chemotherapy, or immunosuppressive drugs) with fever or any history of fever.

**\*\*SIRS criteria by age**

|  |  |  |  |
| --- | --- | --- | --- |
| **Age (Year)** | **Heart rate(/min)** | **RR(/min)** | **SBP(1)(mmHg)** |
| <2 | >180 | >34 | <75 |
| 2-5 | >140 | >22 | <80 |
| 6-12 | >130 | >18 | <85 |
| 13-15 | >110 | >14 | <90 |

**Management (Standing order):**

* Take hemoculture as soon as possible and start treatment with empirical antibiotic within 1 hour
* Cefotaxime 100 mg/kg intravenous single dose, time of administration \_\_\_\_\_\_\_\_\_
* Meropenem 40 mg/kg intravenous single dose, time of administration \_\_\_\_\_\_\_\_\_

(in cases of recently discharge from hospitalization within 1 month or in cases of immunocompromised hosts)

* If with unstable hemodynamics without sign of volume overload, give NSS fluid bolus 20 ml/kg