

Possible Cause of Liver Failure in Patient with Dengue Shock Syndrome

Technical Appendix

Technical Appendix Table. Serial clinical and laboratory data for patient with liver failure and dengue shock syndrome.

| Parameter | Day after onset of fever | | | | | | | |
|------------|--------------------------|--------|---------|---------|---------|---------|---------|-------|
| | 3-4 | 4-5 | 5-6† | 6-7 | 7-8 | 8-9† | 9-10 | 10-11 |
| Heart rate | 101-130 | 100 | 90 | 100 | 100 | 100 | 110 | 100→0 |
| BP, mm Hg‡ | | | | | | | | |
| Systolic | 80-155 | 81-151 | 127-150 | 122-138 | 115-130 | 111-127 | 106-145 | 99→0 |
| Diastolic | 40-93 | 52-96 | 65-90 | 66-92 | 57-66 | 45-60 | 36-68 | 32→0 |
| Hematocrit | 48.2 | 24.6 | 30.7 | 33.6 | 27.8 | 26.9 | 28.7 | 24.1 |
| ALT | 2,775 | 4,490 | 4,720 | 3,098 | 2,011 | 1,729 | 1,725 | 543 |
| AST | 3,507 | 11,660 | >7,000 | 8,440 | 4,082 | 3,099 | 2,600 | 968 |
| Bilirubin | | | | | | | | |
| Total | 6.9 | 9.7 | 12.2 | 21.6 | 24.1 | 34.8 | 32.1 | 23.8 |
| Direct | 3.9 | 5.5 | 6.3 | 12.1 | 14.2 | 18.4 | 6.0 | 14.1 |
| PT, INR | 3.4 | 2.4 | 2.4 | NA | 2.3 | 2.3 | 2.1 | NA |

*BP, blood pressure; ALT, alanine transaminase; AST, aspartate transaminase; PT, prothrombin time; INR, international normalized ratio; NA, not available.

†Dates when liver ultrasonography (Figure) was performed.

‡1 episode of BP 81-85/52-54 mm Hg occurred for 15 minutes, 12 hours after hospital admission; otherwise, the lowest systolic BP was 108 mm Hg.