Epidemiology and Infection

Clinical, Virological and Epidemiological Characterization of Dengue outbreak in Myanmar, 2015

Authors;

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Supplementary Materials

Supplementary Table S-1 Characteristics of patients with isolated DENV

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Characteristics | Total cases(N=104) | Dengue without warning signs(N=27) | Dengue with warning signs(N=65) | Severe Dengue(N=12) | P value |
| Agea | 6.3(3.4 -10.0) | 5.0(2.3 – 9.0) | 7.0 (4.0 –10.0) | 6.8 (5.6 – 8.5) | 0.43 |
| **Sex** |  |  |  |  |  |
|  Male | 53 (51%) | 11 | 33 | 9 | 0.14 |
|  Female | 51 (49%) | 16 | 32 | 3 |  |
| **Laboratory parameters** |  |  |  |  |  |
|  WBCb  | 5.85 ± 2.46 | 6.51 ± 2.63 | 5.70 ± 2.18 | 5.19 ± 3.28 | 0.22 |
|  Platelets b | 156.68±78.08 | 211.37±89.87 | 147.32±61.06 | 84.33±52.28 | <0.001 |
|  Hematocrit c | 35.88±8.07 | 31.90±13.72 | 37.13±4.17 | 38.08± .05 | 0.01 |
| **Type of Infection** |  |  |  |  |  |
|  Primary  | 82 /104 (78.9%) | 24/82 (29.3%) | 49/82 (59.8%) | 9/82 (11.0%) | 0.60 |
|  Secondary  | 12/104 (11.5%) | 1/12 (8.3%) | 9/12 (75.0%) | 2/12 (16.7%) |  |
|  Undetermined  | 10/104 (9.6%) | 2/10 (20.0%) | 7/10 (70.0%) | 1/10 (10.0%) |  |
| **Clinical** |  |  |  |  | NA |
|  Coffee ground  Vomiting | 12 | 0 | 7 | 5 |  |
|  Pleural  Effusion | 1 | 0 | 0 | 1 |  |
|  Rash | 5 | 0 | 5 | 0 |  |
|  Vomiting | 33 | 0 | 26 | 7 |  |
|  Abdominal  Pain | 24 | 0 | 20 | 4 |  |
|  Hepatomegaly | 35 | 0 | 28 | 7 |  |
|  Epistaxis | 34 | 0 | 26 | 8 |  |
| **Serotypes** |  |  |  |  |  |
|  DENV-1 | 74 | 17 | 48 | 9 | NA |
|  DENV-2 | 23 | 8 | 12 | 3 |  |
|  DENV-3 | 1 | 0 | 1 | 0 |  |
|  DENV-4 | 4 | 1 | 3 | 0 |  |
|  Mixed  Infection\* | 2 | 1 | 1 | 0 |  |

a Age in Years- Median (Inter quartile Range, IQR)

b WBC and Thrombocyte count; number of cells x 109/L in Mean ± SD

c Hematocrit level in Mean % ± SD

\*DENV-1 and DENV-2, DENV-1 and DENV-4

 Mean values were compared using post hoc OneWay ANOVA test