SDC 1. Comparison of patient characteristics between those with chikungunya, dengue and other acute febrile illness (OFI)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Chikungunya (N=32) | Dengue(N=10) | OFI(N=7) | p-value# |
| Male, no. (%) | 20 (62.5) | 4 (40.0) | 4 (57.1) | 0.47 |
| Age, years, mean + SD | 7.6 + 4.5 | 8.1 + 3.1 | 8.8 + 5.3 | 0.77**+** |
|  Age <1 year, no. (%) | 5 (15.6) | 0 | 0 | 0.55 |
|  Age 1-5 years, no. (%) | 3 (9.4) | 1 (10.0) | 1 (14.3) |  |
|  Age >5 years, no. (%) | 24 (75.0) | 9 (90.0) | 6 (85.7) |  |
| Family member having CHIK, no. (%) | 12 (37.5) | 1 (10.0)  | 2 (28.6)  | 0.26 |
| Fever before coming to see a doctor, days, mean + SD | 1.4 + 0.9 | 2.6 + 1.3\* | 3.9 + 2.6\* | <0.01**+** |
| Fever at presentation ≤2 days, no. (%) | 30 (93.8) | 4 (40.0)\* | 3 (42.9)\* | <0.01 |
| Total fever, days, mean + SD | 2.8 + 2.0 (n=31) | 4.2 + 1.5 | 6.3 + 5.4 | 0.06**+** |
| Arthralgia, no. (%) | 23 (95.8) (n=24) | 4 (44.4) (n=9)\* | 3 (50.0) (n=6)\* | <0.01 |
| Myalgia, no. (%) | 20 (83.3) (n=24) | 8 (88.9) (n=9) | 6 (100) (n=6) | 0.54 |
| Headache, no. (%) | 19 (76.0) (n=25) | 4 (44.4) (n=9) | 1 (16.7) (n=6)\* | 0.02 |
| Chill, no. (%) | 15 (46.9) | 3 (30.0)  | 1 (14.3)  | 0.24 |
| Cough, no. (%) | 6 (18.8) | 3 (30.0)  | 3 (42.9)  | 0.34 |
| Rhinorrhea, no. (%) | 6 (18.8) | 4 (40.0)  | 1 (14.3)  | 0.41 |
| Anorexia, no. (%) | 14 (45.2) | 9 (90.0)\*  | 5 (71.4)  | 0.03 |
| Vomiting, no. (%) | 6 (18.8) | 7 (70.0)\*  | 4 (57.1)  | <0.01 |
| Abdominal pain, no. (%) | 7 (21.9) (n=24) | 2 (12.2) (n=9) | 1 (16.7) (n=6) | 0.87 |
| Diarrhea, no. (%) | 4 (12.5) | 4 (40.0)  | 1 (14.3)  | 0.13 |
| Bleeding disorder, no. (%) | 0 | 4 (40)\* | 0 | <0.01 |
| Body temperature, oC, mean + SD | 39.1 + 0.6 | 39.1 + 0.9 | 38.1 + 1.3 | 0.42**+** |
| Conjunctivitis, no. (%) | 5 (15.6) | 1 (10.0)  | 0 | 0.82 |
| Hepatomegaly, no. (%) | 0 | 4 (40.0)\*  | 0  | <0.01 |
| Skin rash, no. (%) | 28 (87.5) | 4 (40.0)\* | 2 (28.6)\*  | <0.01 |
| Acrocyanosis, no. (%) | 5 (16.1) | 0 | 0  | 0.39 |
| Hematocrit, %, mean + SD  | 36.0 + 6.0 | 40.3 + 2.7 | 37.8 + 2.8 | 0.08**+** |
| Hematocrit <36 %, no. (%) | 13 (40.6) | 0\* | 2 (28.6) | 0.04 |
| White blood cells, cells/mm3, mean + SD | 8,295 + 5,194 | 3,895 + 1,836\* | 6,178 + 1,729 | 0.02**+** |
| WBC ≥ 5000cells/mm3, no. (%) | 24 (75.0) | 2 (20.0)\* | 5 (71.4) | <0.01 |
| Platelets, cells/mm3, mean + SD | 258,656 + 67,577 | 127,200 + 67,899\* | 233,500 + 67,953 | <0.01**+** |
| Platelets ≥150.000 cells/mm3, no. (%) | 30 (93.8) | 5 (50.0)\* | 6 (85.7) | <0.01 |
| Fever at presentation ≤2 days, no. (%) | 30 (93.8) | 4 (40.0) | 3 (42.9) | <0.01 |

# P-value comparing all 3 groups using chi-squared test except for **** which used ANOVA or Kruskal-Wallis test.

\*Significantly different when compared to CHIK (p <0.05)