|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TABLE 2A:** Examination findings in 24 adult patients with measles: Comparison of HIV-positive and HIV-negative cases. | | | | | | | | | | | |
|
| **Vital signs** | **Sub-indicator** | **HIV-positive patients (*N* = 18)** | | | |  | **HIV-negative patients (*N* = 6)** | | | | ***p-value*** |
| **Median** | **Range** | ***x̅*** | **s.d.** |  | **Median** | **Range** | ***x̅*** | **s.d.** |
| Temperature (°C) | - | 39 | 37.5 – 40 | - | - |  | 39 | 37 – 39 | - | **-** | 0.1 |
| Blood pressure (mmHg) | Systolic | 103.5 | 90 – 149 | - | - |  | 123.5 | 103–129 | - | - | 0.13 |
| Diastolic | 69.5 | 40 – 99 | - | - |  | 75 | 67 – 79 | - | - | 0.42 |
| Heart rate (beats/min) | - | - | - | 124 | 23 |  | - | - | 105 | 23 | 0.1 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TABLE 2B:** Examination findings in 24 adult patients with measles: Comparison of HIV-positive and HIV-negative cases. | | | | | | | |
| **Clinical features** | **Sub-indicator** | **HIV-positive patients (*N* = 18)** | |  | **HIV-negative patients (*N* = 6)** | | ***p-value*** |
| ***n*** | **%** |  | ***n*** | **%** |
| Rash | - | 18 | 100 |  | 6 | 100 | 1.00 |
| Conjunctivitis | - | 18 | 100 |  | 6 | 100 | 1.00 |
| Koplik spots | - | 5 | 27.8 |  | 1 | 16.7 | 1.00 |
| Oral thrush | - | 6 | 33.3 |  | 0 | 0 | 0.28 |
| Lymphadenopathy | - | 6 | 33.3 |  | 2 | 33.3 | 1.00 |
| Confusion | - | 3 | 16.7 |  | 0 | 0 | 0.55 |
| Chest examination | Crackles | 5 | 27.8 |  | 1 | 16.7 | 1.00 |
| Bronchial breathing | 1 | 5.6 |  | 0 | 0 | 1.00 |

**TABLE 3:** Laboratory findings in 24 adult patients with measles: Comparison of HIV-positive and HIV-negative cases.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Findings** | **HIV-positive**  **Patients (*n* = 18)** | | | | **HIV-negative**  **Patients (*n* = 6)** | | | | ***p*-value** |
| **Median** | **Range** | **x̅** | **s.d.** | **Median** | **Range** | **x̅** | **s.d.** |
| White cell count  (cells x10⁹/l)† | 6.6 | 4 – 14.8 |  |  | 6.9 | 5.8 – 16 |  |  | 0.40 |
| Haemoglobin (g/dl) | 13.1 | 9.3 - 16.3 |  |  | 16.5 | 9.6 – 17.4 |  |  | 0.11 |
| Platelets (cells x10⁹/l) |  |  | 187.7 | 53.9 |  |  | 183.0 | 49.9 | 0.87 |
| Sodium (mmol/l) | 135.5 | 122 – 140 |  |  | 132.5 | 126 – 141 |  |  | 0.24 |
| Potassium (mmol/l) |  |  | 4.0 | 0.6 |  |  | 4.0 | 0.6 | 0.97 |
| Bicarbonate (mmol/l) |  |  | 21.7 | 3.4 |  |  | 23.8 | 3.5 | 0.23 |
| Urea (mmol/l) |  |  | 9.6 | 6.1 |  |  | 7.2 | 2.3 | 0.18 |
| Creatinine (µmol/l) |  |  | 117.9 | 55.2 |  |  | 100.5 | 45.7 | 0.46 |
| Albumin (g/l) |  |  | 36.1 | 6.2§ |  |  | 34.3 | 6.7¶ | 0.65 |
| CRP (mg/l) |  |  | 120.8 | 74.9§ |  |  | 110.6 | 58.5ǁ | 0.76 |

§, number of cases with available data = 17; ¶, number of cases with available data = 4; ǁnumber of cases with available data = 5.

**TABLE 4:** Complications in 24 adult patients with measles: Comparison of HIV-positive and HIV-negative cases.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Complication** | **HIV-positive**  **Patients (N=18)** | | | **HIV-negative**  **Patients (N=6)** | | ***p*-value** |
| **n** | **%** | | **n** | **%** |
| Any complication | 9 | | 50.0 | 1 | 16.7 | 0.34 |
| Pneumonia | 6 | | 33.3 | 1 | 16.7 | 0.63 |
| ICU/ high care admission | 5 | | 27.8 | 0 | 0 | 0.28 |
| Respiratory failure | 3 | | 16.7 | 0 | 0 | 0.55 |
| Mechanical ventilation | 3 | | 16.7 | 0 | 0 | 0.55 |
| Acute kidney injury | 3 | | 16.7 | 0 | 0 | 0.55 |
| Purulent conjunctivitis | 1 | | 5.6 | 0 | 0 | 1 |
| Pancreatitis | 1 | | 5.6 | 0 | 0 | 1 |
| Encephalitis | 1 | | 5.6 | 0 | 0 | 1 |

Footnote deleted