**SDC 3 Laboratory parameters in blood and cerebrospinal fluid for age groups and children with TBE compared to children with non-TBE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **≤6 y** | **7-15 y** | **≥16** | ***p*-value** |  |
|  |  |  |  |  |  |
| **blood parameters** |  |  |  |  |  |
| CRP, mg/mL, *n* | 3 | 19 | 152 |  |  |
| median (range) | 36 (8.0-64) | 9.8 (2.0-9.8) | 14 (0-96) | n.s. |  |
|  |  |  |  |  |  |
| ESR, mm, *n* | 0 | 6 | 60 |  |  |
| median (range) | - | 18 (7.0-42) | 27 (3.0-89) | n.s. |  |
|  |  |  |  |  |  |
| PLT, ×109/mL, *n* | 2 | 16 | 103 |  |  |
| median (range) | 383 (378-389) | 278 (208-389) | 245 (67-446) | n.s. |  |
|  |  |  |  |  |  |
| WBC, ×109/mL, *n* | 2 | 21 | 140 |  |  |
| median (range) | 17.8 (11.9-23.8) | 13.4 (8.2-19.8) | 9.6 (1.6-25.1) | <0.05 |  |
|  |  |  |  |  |  |
| **CSF parameters** |  |  |  |  |  |
| leukocytes, ×106/mL, *n* | 2 | 18 | 100 |  |  |
| median (range) | 175 (117-323) | 73.4 (12-264) | 91.5 (0-740) | n.s. |  |
|  |  |  |  |  |  |
| mononuclear, %, *n* | 2 | 18 | 100 |  |  |
| median (range) | 79 (62-95) | 74 (16-100) | 72 (0-100) | n.s. |  |
|  |  |  |  |  |  |
| albumin, mg/L, *n* | 2 | 16 | 87 |  |  |
| median (range) | 299 (278-320) | 293 (133-730) | 447 (77-1200) | <0.05 |  |
|  |  |  |  |  |  |
| glucose, mmol/L, *n* | 1 | 16 | 62 |  |  |
| median (range) | 4.0 | 3.6 (2.9-6.4) | 3.4 (2.2-5.4) | n.s. |  |
|  |  |  |  |  |  |
|  | **≤15 y** | **≤15 y** |  |  |  |
|  | **TBE** | **non-TBE** | ***p*-value** |  |  |
|  |  |  |  |  |  |
| **blood parameters** |  |  |  |  |  |
| CRP, mg/mL, *n* | 22 | 61 |  |  |  |
| median (range) | 13 (2.0-64) | 13 (1.0-69) | n.s. |  |  |
|  |  |  |  |  |  |
| ESR, mm, *n* | 6 | 15 |  |  |  |
| median (range) | 18 (7.0-42) | 11 (2.0-37) | n.s. |  |  |
|  |  |  |  |  |  |
| PLT, ×109/mL, *n* | 18 | 49 |  |  |  |
| median (range) | 290 (208-389) | 273 (121-472) | n.s. |  |  |
|  |  |  |  |  |  |
| WBC, ×109/mL, *n* | 23 | 57 |  |  |  |
| median (range) | 13.8 (8.2-23.8) | 8.5 (3.5-43.0) | <0.05 |  |  |
|  |  |  |  |  |  |
| **CSF parameters** |  |  |  |  |  |
| leukocytes, ×106/mL, *n* | 20 | 44 |  |  |  |
| median (range) | 83.5 (12-264) | 133 (0-952) | n.s. |  |  |
|  |  |  |  |  |  |
| mononuclear, %, *n* | 20 | 44 |  |  |  |
| median (range) | 74 (16-100) | 70 (0-100) | n.s. |  |  |
|  |  |  |  |  |  |
| albumin, mg/L, *n* | 18 | 38 |  |  |  |
| median (range) | 293 (133-730) | 276 (70-895) | n.s. |  |  |
|  |  |  |  |  |  |
| glucose, mmol/L, *n* | 16 | 28 |  |  |  |
| median (range) | 3.6 (2.9-6.4) | 3.2 (2.2-4.0) | <0.05 |  |  |

**y**, years; ***n***, numbers; **n.s.**, no statistical significance; CSF, cerebrospinal fluid.