**Table 1:** Clinical characteristics and histamine and tryptase concentrations in patients with anaphylactic reactions.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case** | **Gender** | **Age** | **Circumstances** | **Severity grade\*** | **Time of sampling** | **Histamine**  **(nmol.L-1)** | **Tryptase**  **(µg.L-1)** | **Responsible agent** |
| 1 | F | 89 | Anaesthesia Induction  (NMBA) | 3 | 20min  2h20  24h | 574  42  - | 104  79.3  4.5 | Suxamethonium |
| 2 | F | 60 | Reintroduction test  (Bee venom) | 2 | 5min  2h05min | 44.1  5.5 | 22.1  15.7 | Bee venom |
| 3 | F | 48 | Sting  (Wasp venom) | 2 | 30m  2h30 | 9.4  5.1 | 9.1  5.2 | Wasp venom |
| 4 | M | 79 | Anaesthesia Induction  (NMBA, cefazolin) | 3 | 10min  2h20  26h | 22.2  < 1.1  - | 6.9  5.5  2.5 | No ST |
| 5 | F | 57 | Thyroid scintigraphy | 3 | 30min  2h30  21h | 5.1  3.2  - | 6.2  4.9  2.7 | No ST |
| 6 | F | 58 | Anaesthesia  1h delay  (without NMBA) | 3 | 3h15  5h10 | 5.8  5.0 | 5.8  5.7 | Negative ST |
| 7 | M | 70 | Anaesthesia  Induction  (NMBA) | 3 | 1h30  3h30  25h | 16.6  1.2  - | 5.0  3.7  <1 | No ST |
| 8 | M | 64 | Gelatin infusion | 3 | 45min  2h45  25h | 34.6  3.5  - | 5.1  5.3  2.0 | No ST |
| 9 | F | 76 | Patent blue dye injection | 3 | 55min  2h50  25h | 159  70.3  - | 4.0  4.8  2.7 | No ST |
| 10 | M | 67 | Anaesthesia  (without NMBA) | 2 | 5min  2h05  24h | 4.5  9.6  - | IQ  16.5  4.0 | No ST |
| 11 | M | 65 | Anaesthesia  Induction  (NMBA) | 3 | 15min  2h15  24h | ND  ND  - | 8.6  13.3  4.6 | No ST |
| 12 | M | 35 | Anesthesia  Induction  (NMBA, cefazolin) | 3 | 3min  2h48  22h | 297  48.4  - | 21.1  22.7  3.7 | Cefazolin |
| 13 | M | 63 | Anaesthesia  Induction  (NMBA) | 4 | 45m  1h45  26h | 17.7  12.5  - | 13.1  16.8  5.8 | Negative ST |
| 14 | M | 61 | Amoxicilline, clavulanic acid | 3 | 1h25  3h15  24h | 239  43.1  - | 25.1  18.2  1.7 | No ST |

\*Ring and Messmer scale3

Abbreviations: IQ, insufficient quantity; ND, not done; NMBA, neuromuscular blocking agents; ST, skin test.