**Table E1 - Features of egg FPIES episodes**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1st EPISODE** | **2nd EPISODE** | **3rd EPISODE** |
| **Patients (n°)** | 61/61 | 51/61 | 20/61 |
| mean**Age at the episode (months)** SD95% CI  min - max | 9.83.88.85 - 10.756 - 26 | 10.94.49.8 - 126 -27 | 12107.62 - 16.48 - 36 |
| Raw egg Soft boiled egg Fried omelette **Egg doneness** Hard boiled egg (n° patients) Baked egg withouth wheat matrix Baked egg in wheat matrix  Raw egg in boiling broth | 785141125 | 585112317 | 1514234 |
| Whole egg Half an egg**Egg amount** 2 teaspoons  (n° patients) 1 teaspoon Only yolk DNA | 1451210173 | 10879143 | 60275/ |
| Mean **Symptoms latency** SD **(hours)** 95% CI min **-** max | 2.251.061.98 – 2.521 - 8 | 2.31.11.2 – 2.66 - 8 | 1.90.691.58 – 2.221 - 3 |
| Mean**Number of vomits** SD95% CI  min - max | 4.33.23.47 – 5.131 - 12 | 4.22.73.53 – 4.970 - 10 | 53.53.38 – 6.621 - 15 |
|  Yes**Hypotension** No (n° patients) DNA  | 12463 | 5415 | 4142 |
| Yes**Pallor** No (n° patients) DNA  | 35206 | 3417/ | 157/ |
|  Yes**Lethargy** No (n° patients) DNA  | 4219/ | 3219/ | 139/ |
| Yes**Hypotermia** No (n° patients) DNA  | 457/ | 051/ | 218/ |
|  Yes**Diarrhea** No (n° patients) DNA  | 853/ | 1334/ | 614/ |
| Mild**Judgement of severity** Moderate(n° patients)  Severe  DNA | 223063 | 212461 | 9731 |
| Mean**Time of resolution** SD(hours)95% CI  min - max  | 4.76.63 – 6.35 0.5 - 48 | 5.47.43.5 – 7.40.5 - 48 | 4.83.93 – 6.6 0.5 - 12 |
| **Hospital admission** Yes(n° patients) No | 556 | 447 | 317 |
| None Oral/IV fluids**Treatment** Oral/IM/IV ondansetron (n° patients) Oral/IM/IV steroids  IM/IV adrenaline DNA |  38 1/8 0/0/0 2/0/0 0/0 13 |  30 1/6 0/0/0 0/0/4 0/0 13 |  13 1/2 0/0/0 0/0/1 0/0  4 |

Legend: DNA = date not available; IV = intravenous; IM = intramuscular

**Table E2 - Features of OFC performed to check the eventual tolerance acquisition**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1st TOLERANCE OFC** | **2nd TOLERANCE OFC** | **3rd TOLERANCE OFC** |
| **Patients (n°)** | 39/61 | 11/61 | 4/61 |
| **OFC outcome** Passed (n° patients) Failed | 2316 | 74 | 22 |
| mean**Age** (months) SD 95% CI min - max | 30.7 20.523.91 - 7.49 13 - 120 | 35.3 15.326.3 - 44.3 14 - 75 | 58.517.941.3 – 76.3 46 - 84 |
| mean **Distance from last FPIES** SD (months) 95% CI min - max | 17.21512.24 - 22.161 - 84 | 17.313.59.32 - 25.286 - 51 | 31.515.316.5 - 46.59 - 43 |
| Raw egg Soft boiled egg Fried omelette **Egg doneness** Hard boiled egg  (n° patients) Baked egg withouth wheat matrix Baked egg in wheat matrix  Raw egg in boiling broth | 21244331 | 8000021 | 3000010 |
| According to current guidelines**OFC method** 1/2 egg in single dose (n° patients) DNA  | 3423 | 830 | 220 |
| Whole egg Half an egg**Egg amount** 2 teaspoons (n° patients) 1 teaspoon Only yolk DNA | 20123211 | 190100 | 220000 |
| mean**Symptoms latency** SD (hours) 95% CI min - max | 2 0.71.7 - 2.3 1- 3 | 2.71.71.1 - 4.4 1- 5 | 2.50.7Not computable2 - 3 |
| mean**Number of vomits** SD 95% CImin - max | 3.31.52.8 - 3.81 - 6 | 3.32.61.8 - 4.81 - 7 | 871.1 – 14.91 - 13 |
| Yes **Hypotension** No (n° patients) DNA  | 3130 | 040 | 020 |
| Yes **Pallor** No (n° patients) DNA | 1150 | 310 | 110 |
| Yes **Lethargy** No (n° patients) DNA  | 5110 | 040 | 020 |
|  Yes **Hypotermia** No (n° patients) DNA | 1150 | 040 | 020 |
| Yes **Diarrhea** No (n° patients) DNA | 2140 | 040 | 110 |
| Mild**Judgement of severity** Moderate (n° patients) Severe | 673 | 220 | 020 |
| mean**Time of resolution**  SD (hours) 95% CI min - max | 4.73.43.6 - 5.80.5 - 12 | 2.11.31.3 – 2.91 - 4 | 31.41.7 – 4.32 - 4 |
| **ECG** performed (n° patients) not performed | 633 | 00 | 00 |
| **Laboratory tests (n°)** performed (n° patients) not performed | 97 | 10 | 00 |
| **Hospital admission** yes (n° patients) no |  79 | 00 | 00 |
| None Oral/IV fluids**Treatment** Oral/IM/IV ondansetron  (n° patients) Oral/IM/IV steroids IM adrenalina |  1 0/10 1/3/1 1/2/6 1 |  0 0/1 0/2/0 1/0/1 0/0 |  0 0/0 0/1/0 0/0/0 0/0  |

Legend: DNA = date not available; IV = intravenous; IM = intramuscular