**Supplementary Table 2. Frequencies and proportions of reported adverse events of topiramate and other antiepileptics classified by the WHO-ART SOC Code.**

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| --- | --- | --- | --- | --- |
| SOC Code | SOC | Topiramate(Total: 1,861)n (%) | Other antiepileptics (Total: 137,745)n (%) | p-value |
| 410 | Central & peripheral nervous system disorders | 550 (29.6) | 23,442 (17.0) | <.0001 |
| 500 | Psychiatric disorders | 380 (20.4) | 15,352 (11.1) |
| 600 | Gastro-intestinal system disorders | 216 (11.6) | 33,886 (24.6) |
| 100 | Skin and appendages disorders | 196 (10.5) | 19,776 (14.4) |
| 800 | Metabolic and nutritional disorders | 114 (6.1) | 3,339 (2.4) |
| 1810 | Body as a whole - general disorders | 102 (5.5) | 12,793 (9.3) |
| 700 | Liver and biliary system disorders | 65 (3.5) | 4,789 (3.5) |
| 1300 | Urinary system disorders | 30 (1.6) | 3,524 (2.6) |
| 1030 | Heart rate and rhythm disorders | 26 (1.4) | 922 (0.7) |
| 1420 | Reproductive disorders, female | 25 (1.3) | 4,328 (3.1) |
| 1220 | White cell and RES disorders | 25 (1.3) | 374 (0.3) |
| 1100 | Respiratory system disorders | 22 (1.2) | 4,682 (3.4) |
| 431 | Vision disorders | 22 (1.2) | 836 (0.6) |
| 200 | Musculo-skeletal system disorders | 19 (1.0) | 2,034 (1.5) |
| 1600 | Neonatal and infancy disorders | 11 (0.6) | 376 (0.3) |  |

Abbreviations: WHO-ART PT, World Health Organization-Adverse Reactions Terminology Preferred Terms; SOC, system-organ class; RES, reticuloendothelial system