**Appendix Table D154. Risk of any adverse effects with topiramate vs. amitriptyline for migraine prevention in adults**

| **Topiramate,**  **Daily Dose** | **Control Drug,**  **Daily Dose** | **Reference Risk of Bias** | **Events/ Randomized**  **[Rate, %]**  **with Topiramate** | **Events/ Randomized**  **[Rate, %]**  **with Control Drug** | **Relative Risk**  **(95% CI)** | **Absolute Risk Difference**  **(95% CI)** |
| --- | --- | --- | --- | --- | --- | --- |
| **Topiramate + Amitriptyline Initial doses of topiramate 25mg/day and amitriptyline 10mg/day and this was followed by weekly increases of 25mg/day topiramate and 10mg/day amitriptyline** | **Amitriptyline 150mg (Initiated at a dose of 10mg/day and increased in weekly increments of 10-25mg/day to a maximum dose of 150mg/day)** | **Keskinbor, 2008170 Medium** | **9/23 [39.1]** | **22/28 [78.6]** | **0.5**  **(0.3 to 0.9)** | **-0.39**  **(-0.65 to -0.14)** |
| Topiramate 200mg (Initiated at a dose of 25mg/day and increased in weekly increments of 25mg/day to a maximum dose of 200mg) | Amitriptyline 150mg (Initiated at a dose of 10mg/day and increased in weekly increments of 10-25mg/day to a maximum dose of 150mg/day) | Keskinbor, 2008170 Medium | 15/24 [62.5] | 22/28 [78.6] | 0.8  (0.6 to 1.1) | -0.16  (-0.41 to 0.09) |
| Topiramate 100mg (The starting dosage was 25mg/d for 7 days. Weekly dose titrations of 25mg/d were made up to 50mg BID (or the maximum tolerated dose)) | Amitriptyline 100mg (The starting dosage was 25mg/d for 7 days. Weekly dose titrations of 25m/d were made up to 50mg BID (or the maximum tolerated dose)) | Dodick, 2009172 Low | 121/178 [68.0] | 128/169 [75.7] | 0.9  (0.8 to 1.0) | -0.08  (-0.17 to 0.02) |
| Topiramate 100mg (The starting dosage was 25mg/d for 7 days. Weekly dose titrations of 25mg/d were made up to 50mg BID (or the maximum tolerated dose)) | Amitriptyline 100mg (The starting dosage was 25mg/d for 7 days. Weekly dose titrations of 25m/d were made up to 50mg BID (or the maximum tolerated dose)) | Dodick, 2009172 Low | 152/178 [85.4] | 150/169 [88.8] | 1.0  (0.9 to 1.0) | -0.03  (-0.10 to 0.04) |
| Topiramate 200mg (Initiated at a dose of 25mg/day and increased in weekly increments of 25mg/day to a maximum dose of 200mg) | Topiramate + Amitriptyline Initial doses of topiramate 25mg/day and amitriptyline 10mg/day and this was followed by weekly increases of 25mg/day topiramate and 10mg/day amitriptyline | Keskinbora, 2008170 Medium | 15/24 [62.5] | 9/23 [39.1] | 1.6  (0.9 to 2.9) | 0.23  (-0.04 to 0.51) |

Bold = significant difference at 95% confidence limit when 95% CI of relative risk estimates do not include 1 and 95% CI of absolute risk difference estimates do not include 0

CI = confidence interval