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

| **Topiramate,****Daily Dose** | **Control Drug,****Daily Dose** | **ReferenceRisk of Bias** | **Events/ Randomized****[Rate, %]****with Topiramate** | **Events/ Randomized****[Rate, %]****with Control Drug** | **Relative Risk****(95% CI)** | **Absolute Risk Difference****(95% CI)** |
| --- | --- | --- | --- | --- | --- | --- |
| **Topiramate + AmitriptylineInitial doses of topiramate 25mg/day and amitriptyline 10mg/day and this was followed by weekly increases of 25mg/day topiramate and 10mg/day amitriptyline** | **Amitriptyline150mg (Initiated at a dose of 10mg/day and increased in weekly increments of 10-25mg/day to a maximum dose of 150mg/day)** | **Keskinbor, 2008170Medium** | **9/23[39.1]** | **22/28[78.6]** | **0.5****(0.3 to 0.9)** | **-0.39****(-0.65 to -0.14)** |
| Topiramate200mg (Initiated at a dose of 25mg/day and increased in weekly increments of 25mg/day to a maximum dose of 200mg) | Amitriptyline150mg (Initiated at a dose of 10mg/day and increased in weekly increments of 10-25mg/day to a maximum dose of 150mg/day) | Keskinbor, 2008170Medium | 15/24[62.5] | 22/28[78.6] | 0.8(0.6 to 1.1) | -0.16(-0.41 to 0.09) |
| Topiramate100mg (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)) | Amitriptyline100mg (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, 2009172Low | 121/178[68.0] | 128/169[75.7] | 0.9(0.8 to 1.0) | -0.08(-0.17 to 0.02) |
| Topiramate100mg (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)) | Amitriptyline100mg (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, 2009172Low | 152/178[85.4] | 150/169[88.8] | 1.0(0.9 to 1.0) | -0.03(-0.10 to 0.04) |
| Topiramate200mg (Initiated at a dose of 25mg/day and increased in weekly increments of 25mg/day to a maximum dose of 200mg) | Topiramate + AmitriptylineInitial 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, 2008170Medium | 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