**Table D163. Exploratory network Bayesian meta-analysis of treatment discontinuation due to bothersome adverse effects with preventive drugs in adults, results from randomized controlled clinical trials**

| **Active Class** | **Active Drug** | **Control Class** | **Control Drugs** | **Risk of Bias Reference** | **Events/**  **Randomized**  **In Active** | **Events/**  **Randomized**  **In Control** | **Events/**  **Randomized**  **In Control** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Antidepressant | Amitriptyline | Ergot alkaloid | Dihydroergotamine | Medium Bonuso, 1983159 | 3/21 | 2/20 | NA/1 |
| Antiepileptic | Topiramate | Antidepressant | Amitriptyline | Medium Keskinbora, 2008170 | 2/24 | 4/28 | NA/1 |
| Antiepileptic | Topiramate | Antidepressant | Amitriptyline | Low Dodick, 2009172 | 35/178 | 38/169 | NA/1 |
| Antiepileptic | Divalproex | Beta blocker | Propranolol | High Kaniecki, 199768 | 4/37 | 1/37 | NA/1 |
| Antiepileptic | Valproate | Calcium-channel antagonist | Cinnarizine | Low Togha, 2008190 | 3/58 | 2/67 | NA/1 |
| Antiepileptic | Topiramate |  | Histamine | Low Millan-Guerrero, 2008169 | 10/45 | 0/45 | NA/1 |
| Anti-epileptic | Topiramate | Anti-epileptic | Levetiracetam | Medium de Tommaso, 2007168 | 1/13 | 0/15 | NA/1 |
| Beta blocker | Propranolol | Antidepressant | Femoxetine | Medium Kangasniemi, 198377 | 0/29 | 3/29 | NA/1 |
| Beta-blocker | Metoprolol | Antiadrenergics | Clonidine | Medium Louis, 1985183 | 0/31 | 4/31 | NA/1 |
| Beta-blocker | Propranolol | Antidepressant  Ergot alkaloid | Amitriptyline, Ergotamine | High Mathew, 1981105 | 3/48 | 3/44 | 9/49 |
| Beta-blocker | Metoprolol | Anti-depressant | Clomipramine | Medium Langohr, 1985184 | 0/63 | 18/63 | NA/1 |
| Beta-blocker | Propranolol Hydrochloride | Beta blocker | Nadolol | Medium Sudilovsky, 1987191 | 4/44 | 2/47 | NA/1 |
| Beta-blocker | Propranolol | Dopaminergic agent | Dihydroergocryptine | High Micieli, 2001244 | 5/20 | 4/20 | NA/1 |
| Beta-blocker | Propranolol | Selective calcium channel blockers | Nifedipine | High Albers, 198974 | 5/20 | 13/20 | NA/1 |
| Placebo | Placebo | Antiadrenergics | Clonidine | Medium Adam, 1978148 | 1/96 | 2/96 | NA/1 |
| Placebo | Placebo | Antiadrenergics | Clonidine | Medium Boisen, 1978146 | 0/71 | 2/71 | NA/1 |
| Placebo | Placebo | Antidepressant | Amitriptyline | Medium Couch, 1979103 | 2/61 | 5/55 | NA/1 |
| Placebo | Placebo | Antidepressant | Amitriptyline | Medium Couch, 2011111 | 13/197 | 23/194 | NA/1 |
| Placebo | Placebo | Antidepressant | Femoxetine | Medium Orholm, 1986113 | 2/34 | 4/31 | NA/1 |
| Placebo | Placebo | Antidepressant | Femoxetine | Medium Orholm, 1985115 | 2/30 | 3/29 | NA/1 |
| Placebo | Placebo | Antidepressant | Fluoxetine, | High Steiner, 1998118 | 4/26 | 4/27 | NA/1 |
| Placebo | Placebo | Antiepileptic | Acetazolamide | Low Vahedi, 200280 | 2/27 | 9/26 | NA/1 |
| Placebo | Placebo | Antiepileptic | Carbamazepine | Medium Rompel, 197086 | 0/48 | 1/48 | NA/1 |
| Placebo | Placebo | Antiepileptic | Divalproex | Medium Mathew, 199545 | 2/37 | 9/70 | NA/1 |
| Placebo | Placebo | Antiepileptic | Divalproex | Low Freitag, 200246 | 10/116 | 10/123 | NA/1 |
| Placebo | Placebo | Antiepileptic | Gabapentin | Medium Mathew, 200181 | 4/45 | 16/98 | NA/1 |
| Placebo | Placebo | Antiepileptic | Gabapentin | Medium Wessely, 198784 | 1/22 | 2/23 | NA/1 |
| Placebo | Placebo | Antiepileptic | Gabapentin enacarbil | Low  NCT00742209192 | 2/20 | 13/62 | NA/1 |
| Placebo | Placebo | Antiepileptic | Lamotrigine | Low Steiner, 199787 | 3/40 | 7/18 | NA/1 |
| Placebo | Placebo | Antiepileptic | Oxcarbazepine | Low Silberstein, 200883 | 4/85 | 8/85 | NA/1 |
| Placebo | Placebo | Antiepileptic | Sodium valproate | Medium Jensen, 199449 | 2/43 | 4/43 | NA/1 |
| Placebo | Placebo | Antiepileptic | Topiramate | Medium Mei, 200424 | 2/57 | 3/58 | NA/1 |
| Placebo | Placebo | Antiepileptic | Topiramate | Low Mei, 200628 | 6/20 | 9/30 | NA/1 |
| Placebo | Placebo | Antiepileptic | Topiramate | Medium Silberstein, 200629 | 4/73 | 21/140 | NA/1 |
| Placebo | Placebo | Antiepileptic | Topiramate | Low Silberstein, 200731 | 10/163 | 18/165 | NA/1 |
| Placebo | Placebo | Antiepileptic | Topiramate | Low Lainez, 200735 | 41/383 | 96/391 | NA/1 |
| Placebo | Placebo | Antiepileptic | Topiramate | Low Lipton, 201142 | 18/197 | 21/188 | NA/1 |
| Placebo | Placebo | Antiepileptic | Topiramate | Low Edwards, 200319 | 0/36 | 6/34 | NA/1 |
| Placebo | Placebo | Antiepileptic | Valproate | Medium Hering, 199248 | 2/32 | 1/32 | NA/1 |
| Placebo | Placebo | Antiepileptic  Antiepileptic | Topiramate, Lamotrigine | Low Gupta, 200744 | 3/60 | 3/60 | 3/60 |
| Placebo | Placebo | Beta-blocker | Atenolol | Medium Johannsson, 198799 | 3/72 | 0/72 | NA/1 |
| Placebo | Placebo | Beta-blocker | Bisoprolol | Medium van de Ven, 1997101 | 2/38 | 7/77 | NA/1 |
| Placebo | Placebo | Beta-blocker | Metoprolol | Medium Andersson, 198397 | 1/37 | 1/34 | NA/1 |
| Placebo | Placebo | Beta-blocker | Pindolol | Medium Sjaastad, 197289 | 0/28 | 3/28 | NA/1 |
| Placebo | Placebo | Beta-blocker | Propranolol | Medium Diamond, 197650 | 1/83 | 6/83 | NA/1 |
| Placebo | Placebo | Beta-blocker | Timolol | Medium Stellar, 198479 | 0/47 | 2/47 | NA/1 |
| Placebo | Placebo | Beta-blocker | Propranolol | Low Pradalier, 198953 | 5/24 | 9/31 | NA/1 |
| Placebo | Placebo | Ergot alkaloid | Dihydroergotamine | Medium Bousser, 1988233 | 3/45 | 0/45 | NA/1 |
| Placebo | Placebo | Ergot alkaloids | Lisuride | Medium Somerville, 1976158 | 5/75 | 12/75 | NA/1 |
| Placebo | Placebo | Ergot alkaloids | Methysergide | Medium Whewell, 1966154 | 2/74 | 1/74 | NA/1 |
| Placebo | Placebo | Magnesium | Magnesium | Low Peikert, 1996195 | 0/38 | 3/43 | NA/1 |
| Placebo | Placebo | Magnesium | Magnesium | Low Pfaffenrath, 1996194 | 1/34 | 3/35 | NA/1 |
| Placebo | Placebo | Muscle relaxant | Tizanidine | Medium Saper, 2002234 | 4/64 | 9/72 | NA/1 |
| Placebo | Placebo | NSAID | Naproxen sodium | High Ziegler, 1985239 | 0/40 | 1/40 | NA/1 |
| Placebo | Placebo | NSAID | Naproxen sodium | High Welch, 1985237, 2387068 | 1/46 | 2/46 | NA/1 |
| Placebo | Placebo | NSAID | Tolfenamic Acid | Medium Mikkelsen, 1982202 | 1/38 | 2/38 | NA/1 |
| Placebo | Placebo | Other | Tonabersat | Low Goadsby, 2009121 | 1/65 | 2/59 | NA/1 |
| Placebo | Placebo | Selective calcium channel blockers | Nifedipine | High McArthur, 1989129 | 1/24 | 5/24 | NA/1 |
| Placebo | Placebo | Selective calcium channel blockers | Nimodipine | Low MINES, 1989133 | 4/46 | 3/43 | NA/1 |
| Placebo | Placebo | Selective calcium channel blockers | Nimodipine | Medium Havanka-Kanniainen, 1985132 | 1/33 | 0/33 | NA/1 |
| Placebo | Placebo | Systemic Drugs | Montelukast | Low Brandes, 2004203 | 2/84 | 2/93 | NA/1 |

Bold = significant differences at 95% confidence limit when 95% CI of odds ratio estimates do not include 1