**Appendix Table D64. Randomized controlled clinical trials that examined comparative effectiveness of onabotulinumtoxin A for migraine prevention in adults**

| **Reference** | **Country** | **Objective** | **Sample****[Number Analyzed]% Women** | **Age** | **Definition of Migraine** | **Presence of Aura% Without Aura** | **Duration of Migraine, Years** | **Baseline Severity** | **Comorbidity** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Millan-Guerrero, 2009160 | Mexico | Histamine vs. botulinum toxin type A (BoNTA) | 100 [100]92% women | Mean: 33 | International Headache Society | Included% without aura 81 | 15 | Mean migraine frequency (days): 4.12 | NR |
| Mathew, 2009161 | USA | Onabotulinumtoxin A (BOTOX, Allergan, Inc) vs. topiramate (TOPAMAX, Ortho-McNeil) | 60 [33]90% women | Mean: 36.8 | Migraine headache with or without aura occurring on >14 days/month for >3 months in the absence of medication overuse | Included% without aura NR | NR | Headache days: 15.6 | NR |
| Magalhaes, 2010162 | Brazil | Botulinum toxin type A vs. amitriptyline | 72 [unclear]97.2% women | Mean: 34.1 | Chronic daily migraines, according to the International Classification of Headache Disorders-II | NR% without aura NR | NR | NR (Number of pain days at baseline: 24) | NR |
| Cady, 2011163 | USA | Onabotulinumtoxin A vs. topiramate (CM) | 59 [44]91.5% women | Mean: 39.6 | Chronic migraine (CM) fulfilling criteria of the Second Edition of the ICHD | NR% without aura NR | 16 (median) | NR (Headache days/month: 21.1) | Every subject reported at least one problem with a body system (58/59, neurological; 39/59. psychological). A physical/neurological abnormality was found in 13.6% (8/59) |
| Blumenfeld, 2008164 | USA | Botulinum toxin type A (BoNTA; BOTOX®: Allergan, Inc.) vs. divalproex sodium (DVPX; DEPAKOTE®: Abbott Laboratories) | 59 [59]84.7% women | Mean: 42.4 | Episodic migraine (defined for this study as ≥3 migrainous headaches but <15 days /month) or chronic migraine (defined for this study as migrainous headaches on 15 days/month) | NR% without aura NR | NR | Number of headache days per month: 11.7 | NR |

NR = not reported