Table G-19. Change in bone mineral density Z score in studies comparing older versus newer antiepileptic drugs

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| Study Year | Group | N | Bone Mineral Density Z ScoreMean (SD) |
| Kim, 2007 | Carbamazepine | 10 | Before: 0.42 (0.26)After: -0.34 (0.35) |
| Valproic Acid | 15 | Before: 0.61 (0.41)After: 0.06 (0.30) |
| Lamotrigine | 8 | Before:0.60 (0.17)After:0.48 (0.18) |

N = sample size; SD = standard deviation