| **First Author, Year****Trial Name****Quality for Harms** | **G1 (N)****G2 (N)** | **DC Due to Harms, N (%)** | **Rash,****N (%)** | **Irritation, N (%)** | **Need for Additional Sleep Meds,****N (%)** | **Claustrophobia,****N (%)** | **Oral or Nasal Dryness,****N (%)** | **Nosebleed,****N (%)** | **Pain,****N (%)** | **Excess Salivation,****N (%)** | **Dental,****N (%)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Engleman, 1999176Fair | Total (37)CPAP first (NR)Oral Placebo first (NR) | 0 (0.0)0 (0.0) | NR | NR | NR | NR | 4 (12)0 (0) | NR | 0 (0.0)1 (2.9) | NR | NR |
| Hui, 2006141Fair | CPAP (28)Sham CPAP (28) | 0 (0.0)5 (17.8) | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Kushida, 2012145APPLESFair | CPAP (556)Sham CPAP (542) | NR | Dermato-logical102 (18.3)61 (11.3) | NR | NR | NR | NR | NR | NR | NR | NR |
| Lam, 2007180Fair | CPAP (34)Usual care (33) | 0 (0.0)0 (0.0) | NR | Facial skin abrasion:7 (21)0 (0) | NR | NR | 16 (47)0 (0) | NR | TMJ pain:0 (0.0)0 (0.0) | 0 (0)0 (0) | 0 (0)0 (0) |
| Malow, 2008150Fair | Total (35)CPAP (22)Sham CPAP (13) | 0 (0.0)0 (0.0) | NR | 2 (9.1)0 (0.0) | NR | NR | NR | NR | NR | NR | NR |
| Redline, 1998183Fair | CPAP (59)Conservative therapy (52) | 3 (5.1)0 (0.0) | NR | 2 (3.3)0 (0.0) | NR | NR | NR | 1 (1.7)2 (3.6) | NR | NR | NR |
| Smith, 2007163Fair | Total (24)CPAP first (11)Sham first (13) | 0 (0.0)1 (3.9) | NR | NR | NR | 1 (3.9) but unclear which arm | NR | NR | NR | NR | NR |
| Weaver, 2012166Fair | CPAP (141)Sham CPAP (140) | 1 (0.8)0 (0.0) | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Weinstock, 2012167,289Fair | Total (50)CPAP first (25)Sham CPAP first (25) | 0 (0.0)0 (0.0) | NR | Skin irritation:6 (12.0)2 (4.0)Eye irritation:1 (2.0)0 (0.0) | NR | 0 (0.0)1 (2.0) | NR | NR | Ear pain: 1 (2.0)0 (0.0)Non-cardiac chest pain:1 (2.0)0 (0.0) | NR | NR |

**Abbreviations:** addl=additional; APPLES=Apnea Positive Pressure Long-term Efficacy Study; claustro=claustrophobia; CPAP=continuous positive airway pressure; DC=discontinued; G=group; MAD=mandibular advancement device; meds=medications; N=sample size; NR=not reported; saliv=salivation; TMJ=temporomandibular; UC=usual care; wks=weeks.