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Characteristics of Previous Systematic Reviews

| Study | Drug name(s) | Dose | Route of admin. | Frequency of admin. | Included studies | Control | Duration | Pain Outcomes |
|---------------------------|---|---------------|----------------------------------|---------------------|---|----------------------------------|---------------------|--|
| <i>Systematic Reviews</i> | | | | | | | | |
| Campbell 2001 | THC extract, nitrogen analog (NIB), levonantradol, benzopyrano-peridine | 1.5-10 mg | Oral capsules, intramuscular | NR | 9 RCTs (222 patients); 2 trials of post-surgical pain | Codeine, secobarbital, placebo | NR | VAS or SPID = / - |
| Covarrubias-Gomez 2008* | NR | NR | NR | NR | 41 studies | NR | NR | Pain measure NR + |
| Deshpande 2015 | Herbal cannabis | Various | Smoked, vaporized | Various | 6 RCTs (226 patients); 1 RCT post-trauma pain | Placebo cigarettes | 17 days to 8 weeks | VAS and unspecified pain measure + |
| Fitzcharles 2016 | Nabiximols | NR | Oral spray | NR | 4 RCTs (201 patients); 2 studies (132 patients) arthritis | Placebo, amytryptiline, naproxen | 2-8 weeks | VAS, unspecified daily pain scale = |
| | Nabilone | 0.5-1mg | Oral capsule | | | | | |
| | FAAH inhibitor | NR | NR | | | | | |
| Hwang 2016 | Natural cannabis, nabiximols, dronabinol, nabilone, THC extract | 250 µg and up | Smoked, oral spray, oral capsule | Various | 33 RCTs (2014 patients); 1 study (23 patients) trauma/surgery | Placebo, dihydrocodeine | 8 hours – 24 months | VAS, unspecified 11 point scale, McGill, descriptor differential scale, NRS + / = |
| Khaiser 2016 | Natural cannabis, | 1%-9% THC | Smoked, vaporized, | 1-12 inhalations | 11 studies (420 patients); (23 | Low dose cannabis, | 5-21 days | VAS, NRS, descriptor |

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|---------------------|---|----------------------------------|---|----------------------|---|---|-------------------|--|
| | dronabinol | | edible, topical | per session; some NR | patients) trauma/surgery | placebo, | | differential scale, global impression of change, McGill + |
| Kung 2011* | NR | NR | NR | NR | 4 RCTs (218 patients); all MSK | NR | NR | Pain measure NR + |
| Lynch 2015 | Nabilone, natural cannabis, FAAH inhibitor, THC extract, | NR | Smoked, oral spray, vaporized, oral capsule | NR | 11 studies (1135 patients); 1 study (74 patients) arthritis | Amytryptiline, ibuprofen, placebo | 3 days – 14 weeks | McGill, VAS, WOMAC pain, NRS, BPI, neuropathic pain scale + |
| MacFarlane 2011 | Nabiximols | Mean 14.6 mg THC and 13.5 mg CBD | Oral spray | Daily | 1 RCT (58 arthritis patients); -SR of 34 RCTs on alternative medicine | Placebo | 5 weeks | McGill, NRS + |
| Martin-Sanchez 2009 | THC extract, nabilone, Nitrogen analog (NIB), dronabinol, CBD extract | 0.5 mg and up | Oral spray, oral capsules | NR | 18 RCTs (809 patients); 1 study (58 patients) arthritis | Codeine, placebo, secobarbital | 5 days – 16 weeks | NRS, VAS, 11-point box text, subjective pain assessment + (but possible harms identified) |
| Stevens 2017 | Nabilone, THC extract, levonantradol, dronabinol | 1-3 mg | Oral capsules, intramuscular | NR | 7 RCTs (611 surgical patients) | Ketoprofen, placebo, pethidine, naproxen, ibuprofen | NR | Pain measure NR = |

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|---|----|----|--|----|--|--|---------------------------------------|------|
| Wang 2008 | NR | NR | NR | NR | 23 RCTs and 8 obs. studies (1932 patients) | Placebo | Mean 2 weeks. Range 8 hours–12 months | None |
| <i>Legend</i> | | | | | | | | |
|  - Cannabis performed significantly better than comparator for pain outcomes | | |  - Inconclusive or no difference on pain outcomes | | |  - Cannabis performed worse than comparator for pain outcomes | | |