**Appendix Table E9. Subgroup outcomes reported in pooled randomized clinical trial analyses and observational studies**

| **Outcome** | **Number of Articles** | **Articles in Which Outcome was Used and for Which Subgroups** |
| --- | --- | --- |
| **Pooled analyses of patient-level randomized clinical trial data** | | |
| **Overall Pain** |  |  |
| Brief Pain Inventory (BPI) Average Pain Score | 2 | Any mental health condition: Arnold, 200926  Other subgroup (not defined in protocol) Bradley, 201025 |
| Brief Pain Inventory (BPI) Average Pain Interference Score | 1 | Any mental health condition: Arnold, 200926 |
| Fibromyalgia Impact Questionnaire Total Score | 2 | Any mental health condition: Arnold, 200926  Other subgroup (not defined in protocol) Bradley, 201025 |
| Fibromyalgia Impact Questionnaire Sub-scales | 1 | Other subgroup (not defined in protocol) Bradley, 201025 |
| Visual Analog Scale (VAS) for pain | 1 | Other subgroup (not defined in protocol) Geisser, 201131 |
| Weekly Mean Pain Diary Score | 3 | Any mental health condition: Arnold, 201032  Nonrheumatologic medical comorbidities: Bhadra, 201036  Age: Byon, 201038  Sex: Byon, 2010 38 |
| **Fibromyalgia Symptom Improvement** |  |  |
| Clinical Global Impression of Severity Scale (CGI-S) | 1 | Any mental health condition: Arnold, 200926 |
| Patient Global Impression of Change (PGI-C) | 3 | Other subgroup (not defined in protocol): Geisser, 201131  Nonrheumatologic medical comorbidities: Bhadra, 201036  Age: Byon, 201038  Sex: Byon, 201038 |
| Patient Global Impression of Improvement (PGI-I) | 2 | Any mental health condition: Arnold, 200926  Other subgroup (not defined in protocol): Bradley, 201025 |
| **Function** |  |  |
| FIQ subscale: stiffness item | 1 | Age: Bennett, 201224  Obesity: Bennett, 201224 |
| Sheehan Disability Scale (SDS) | 1 | Any mental health condition:  Arnold, 200926 |
| **Health-Related Quality of Life** |  |  |
| Medical Outcomes Study Short-form 36-item Health   Survey (SF-36) | 2 | Any mental health condition: Arnold, 200926  Other subgroup (not defined in protocol): Bradley, 201025 |
| Medical Outcomes Study Short-form 36-item Health  Survey (SF-36), Physical function score | 1 | Other subgroup (not defined in protocol): Geisser, 201131 |
| **Fatigue** |  |  |
| Multidimensional Fatigue Inventory (MFI) | 1 | Any mental health condition: Arnold, 200926 |
| **Sleep Quality** |  |  |
| **Other outcomes** |  |  |
| ***Depression*** |  |  |
| Hamilton Depression Rating Scale (HAMD) | 1 | Any mental health condition: Arnold, 200926 |
| ***Obesity-Related*** |  |  |
| Change in Body Weight | 1 | Obesity: Arnold, 201227 |
| **Observational studies** | | |
| **Overall Pain** |  |  |
| FIQ subscale: pain item | 1 | Other subgroup (not defined in protocol) Joshi, 200942 |
| Pain Perception Scale | 1 | Other subgroup (not defined in protocol): Drexler, 200241 |
| Pressure Point Sensitivity | 1 | Other subgroup (not defined in protocol): Drexler, 200241 |
| Visual Analog Scale (VAS) for pain | 2 | Any mental health condition: Arnold, 201239  Other subgroup (not defined in protocol): Younger, 200940 |
| **Fibromyalgia Symptom Improvement** |  |  |
| Patient Global Impression of Change (PGI-C) | 1 | Any mental health condition: Arnold, 201239 |
| **Health-Related Quality of Life** |  |  |
| Short-form 36-item Health Survey (SF-36) | 1 | Other subgroup (not defined in protocol): Drexler, 200241 |