**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, 200926Other 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, 200926Other 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, 201032Nonrheumatologic medical comorbidities:Bhadra, 201036Age:Byon, 201038Sex: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, 201131Nonrheumatologic medical comorbidities:Bhadra, 201036Age:Byon, 201038Sex:Byon, 201038 |
|  Patient Global Impression of Improvement (PGI-I)  | 2 | Any mental health condition:Arnold, 200926Other subgroup (not defined in protocol):Bradley, 201025 |
| **Function** |  |  |
|  FIQ subscale: stiffness item  | 1 | Age:Bennett, 201224Obesity: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, 200926Other 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, 201239Other 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 |