**Appendix Table E8. Subgroup outcomes reported in the fibromyalgia randomized clinical trial literature**

| **Outcome** | **Number of Articles** | **Articles in Which Outcome was Used and for Which Subgroups** |
| --- | --- | --- |
| **Overall Pain** |  |  |
| Visual Analog Scale (VAS) for pain | 6 | Any mental health condition:  Gendreau, 20057  Other subgroup:  Sadreddini, 20089; Assis, 200615; Fontaine, 201022; Younger, 200938; Gavi, 201411 |
| Brief Pain Inventory | 5 | Age: Chappell, 20083; Russell, 20084; Arnold, 20121  Sex: Chappell, 20083; Russell, 20084; Arnold, 20045; Arnold, 20121  Race: Arnold 20121; Chappell, 20083; Russell, 20084  Any mental health condition: Arnold, 20055; Arnold, 20121; Chappell, 20083; Russell, 20084 |
| McGill Pain Questionnaire | 3 | Any mental health condition: Gendreau, 20057; Arnold, 200210  Other subgroup: MartÍnez, 201421 |
| Pain Perception Scale | 1 | Other subgroup:  Drexler, 200239 |
| Tender point (TP) assessments | 5 | Any mental health condition: Arnold, 200210  Obesity: Senna, 201212  Other subgroup: Sadreddini, 20089; Fontaine, 201022; Drexler 200239 |
| E-diary pain score | 1 | Any mental health condition: Gendreau, 20057 |
| Modified pain map | 1 | Other subgroup: Stenning, 20118 |
| Gracely pain scale | 1 | Any mental health condition: Gendreau, 20057 |
| **Fibromyalgia Symptom Improvement** |  |  |
| Fibromyalgia Impact Questionnaire (FIQ) | 10 | Sex: Arnold, 20046  Any mental health condition: Arnold, 200210; Arnold, 20046; Scheidt, 201317  Obesity: Senna, 201212  Fatigue: Lera, 200923  Other subgroup: Assis, 200615; Fontaine, 201022; Gavi, 201411; Joshi, 200940; MartÍnez, 201421 |
| Patient Global Impression of Improvement (PGI-I) | 3 | Age: Arnold, 20102; Russell, 20084  Sex: Arnold, 20102; Russell, 20084; Arnold, 20046  Race: Arnold 20122 ; Russell, 20084  Any mental health condition Arnold, 20046; Arnold, 20102; Russell, 20084 |
| Clinical Global Impression of Severity Scale (CGI-S) | 2 | Age: Russell, 20084  Sex: Russell, 20084; Arnold, 20046  Race: Russell, 20084  Any mental health condition: Russell, 20084; Arnold, 20046 |
| **Function** |  |  |
| Sheehan Disability Scale | 2 | Age: Russell, 20084  Sex: Russell, 20084; Arnold, 20046  Race: Russell, 20084  Any mental health condition: Russell, 20084 |
| 6 minute walk | 1 | Other subgroup: Fontaine, 201022 |
| Isometric strength testing | 1 | Other subgroup: Hakkinen, 200143 |
| Muscle strength | 1 | Other subgroup: Valkeinen, 200814 |
| Dynamic balance | 1 | Obesity: Gusi, 201013 |
| Heart Rate Variability (HRV) | 1 | Other subgroup: Gavi, 201411 |
| Fitness outcomes (treadmill test, sit and reach test, maximal repetitions test, handgrip dynamometry) | 1 | Other subgroup: Gavi, 201411 |
| **Participation** |  |  |
| Work time | 1 | Other subgroup: Valkeinen, 200814 |
| **Health-Related Quality of Life** |  |  |
| Medical Outcomes Study Short-form 36-item Health Survey (SF-36) | 4 | Age: Russell, 20084  Sex: Russell, 20084  Race: Russell, 20084  Any mental health condition Russell, 20084  Other subgroup: Assis, 200615, Drexler 200239, Gavi, 201411 |
| **Fatigue** |  |  |
| Fatigue Severity Scale (FSS) | 1 | Other subgroup: Fontaine, 201022 |
| Multidimensional Fatigue Inventory (MFI) | 2 | Age: Russell, 20084  Sex: Russell, 20084  Race: Russell, 20084  Any mental health condition: Russell, 20084  Other subgroup: MartÍnez, 201421 |
| **Sleep Quality** |  |  |
| Polysomnography | 1 | Other subgroup: Edinger, 200520 |
| The Pittsburgh Sleep Quality Index (PSQI) | 2 | Obesity: Senna, 201212  Other subgroup: MartÍnez, 201421 |
| Sleep Disturbance | 1 | Other subgroup: Sadreddini, 20089 |
| **Depression and/or Anxiety** |  |  |
| Beck Depression Inventory(BDI) (Beck 1996) | 2 | Obesity: Senna, 201212  Other subgroup: Assis, 200615 |
| Hospital Anxiety and Depression Scale | 1 | Any mental health condition: Scheidt, 201317 |
| Hospital Anxiety and Depression Questionnaire, Iranian version (IHAD) | 1 | Other subgroup: Sadreddini, 20089 |
| Quantitative Sensory testing | 1 | Other subgroup: Stenning, 20118 |
| Hamilton Rating Scale of Depression (HAMD) | 1 | Any mental health condition: Russell, 20084 |
| Center for Epidemiologic Studies Depression Scale (CES-D) | 1 | Other subgroup: Fontaine 201022 |
| Depression Quality of Life | 2 | Any mental health condition: Arnold, 20055; Scheidt, 201317 |
| Symptom Checklist-90-Revised (SCL-90-R) | 1 | Other subgroup: MartÍnez, 201421 |
| Beck & Idate Trait-State Inventory | 1 | Other subgroup: Gavi, 201411 |
| **Health status** |  |  |
| MPI (composite measure of pain, fatigue, and psychological well-being) | 1 | Other subgroup: Junghaenel, 200819 |
| Health Assessment Questionnaire (HAQ) | 2 | Other subgroup: Sadreddini, 20089; Valkeinen, 200814 |
| Patient’s Global Assessment of Response to Therapy | 1 | Other subgroup: Assis, 200615 |
| Chronic Pain Self-efficacy Scale (CPSS) | 1 | Other subgroup: MartÍnez, 201421 |
| Pain Catastrophizing Scale (PCS) | 1 | Other subgroup: MartÍnez, 201421 |
| **Other outcomes** |  |  |
| VO2 (peak oxygen uptake) | 1 | Other subgroup: Valkeinen, 200814 |
| Serum hormone levels | 1 | Other subgroup: Hakkinen, 200143 |