Date Conducted: October 1, 2016.

| Database:  |  |
|--|--|
| PubMed   |  |
| User query:  |  |
| (exercise OR physical activity OR physical fitness OR physical therapy) AND (osteoarthritis OR |  |

(exercise OR physical activity OR physical fitness OR physical therapy) AND (osteoarthritis OR rheumatoid arthritis OR arthritis OR fibromyalgia) AND anxiety AND random\*

| exercise                | "exercise"[MeSH Terms] OR "exercise"[All Fields]  |
|-------------------------|---|
| physical<br>activity    | "motor activity"[MeSH Terms] OR ("motor"[All Fields] AND "activity"[All Fields]) OR "motor activity"[All Fields] OR ("physical"[All Fields] AND "activity"[All Fields]) OR "physical activity"[All Fields]  |
| physical<br>fitness     | "physical fitness"[MeSH Terms] OR ("physical"[All Fields] AND "fitness"[All Fields]) OR "physical fitness"[All Fields]  |
| physical<br>therapy     | "physical therapy modalities"[MeSH Terms] OR ("physical"[All Fields] AND "therapy"[All Fields] AND "modalities"[All Fields]) OR "physical therapy modalities"[All Fields] OR ("physical"[All Fields] AND "therapy"[All Fields]) OR "physical therapy"[All Fields] |
| osteoarthritis          | "osteoarthritis"[MeSH Terms] OR "osteoarthritis"[All Fields]  |
| rheumatoid<br>arthritis | "arthritis, rheumatoid"[MeSH Terms] OR ("arthritis"[All Fields] AND "rheumatoid"[All Fields]) OR "rheumatoid arthritis"[All Fields] OR ("rheumatoid"[All Fields] AND "arthritis"[All Fields])   |
| arthritis               | "arthritis"[MeSH Terms] OR "arthritis"[All Fields]  |
| fibromyalgia            | "fibromyalgia"[MeSH Terms] OR "fibromyalgia"[All Fields]  |
| anxiety                 | "anxiety"[MeSH Terms] OR "anxiety"[All Fields]  |
|                         |   |