

Systematic review on quality of life measures in eczema trials

Aim: To assess the usage of quality of life measures in eczema trials published from 2000 onwards and indexed in the GREAT database.

Methods:

- 1) **Searching.** We searched GREAT database for articles fulfilling the following requirements: eczema trial; published from 2000 onwards; indexed in GREAT database by no later than 31 May 2014; full text available in English or German language or abstract available in English or German language.
- 2) **Data extraction**
 - a. Full text available in English or German. The following data were collected: total number of assessed outcomes per article; total number of assessed PROs per article; total number of assessed composit indices per article; number of reported outcomes per article; number of reported PROs per article; number of reported composit indices per article; primary endpoint of article; measurement of quality of life; quality of life instruments used.
 - b. Abstract available in English or German. The following data were collected: measurement of quality of life; quality of life instruments used.
- 3) **Data analysis**
 - a. We are seeking to present the following data in descriptive analysis:
 - Number of included articles and number of studies reported on by the included articles
 - Total number of outcomes (all articles); thereof PROs (absolute and/or relative frequency)
 - Absolute number and/or percentage of articles assessing/not assessing PROs
 - Total number and relative frequency of articles assessing quality of life
 - Quality of life instruments used (presented in a table, sorted in descending order by frequency)
 - Mean/median number of outcomes per article
 - Mean/median number of PROs per article (only regarding articles which assess PROs)
 - Mean/median number of composit indices per article (only regarding articles which assess composit indices)
 - Changes in the total number of outcomes per article over time
 - b. We are seeking to present the following data in analytical analysis:
 - Absolute and/or relative frequency of articles assessing quality of life in articles with PROs as primary endpoint
 - Absolute and/or relative frequency of articles assessing quality of life in articles with composit indices as primary endpoint
 - Absolute and/or relative frequency of articles assessing quality of life in articles which do not specify their primary endpoint
 - Absolute and/or relative frequency of articles assessing quality of life in articles with non-PROs as primary endpoint
 - Number of quality of life instruments used per article (only regarding articles which assess quality of life)
 - Changes in usage of quality of life instruments over time