

## 10.2 HEALTH ON TRIAL METHODOLOGY FOR DATA COLLECTION

See the Methodology document supplied with this report in a separate .pdf file.

### 10.2.1 ARTICLE SEARCH STRATEGY

#### Search strategy

#### Databases used

- Embase (Excerpta Medica Database) is a biomedical and pharmacological database produced by Elsevier BV, containing more than 30 million records, including articles from more than 8,500 journals published worldwide. It has bibliographic records with citations, abstracts and indexing derived from biomedical articles in peer-reviewed journals, and is especially strong in its coverage of drug and pharmaceutical research, pharmacology and toxicology. This field guide provides the scope of information specific to the Embase database.
- Ovid MEDLINE® covers the international literature on biomedicine, including the allied health fields and the biological and physical sciences, humanities, and information science related to medicine and health care. Information is indexed from approximately 5,600 journals published worldwide. Records start in the early 1800s and go all the way to our daily updates. The Ovid MEDLINE® database contains records with the following possible status besides MEDLINE: Publisher, In-Data-Review, In-Process and PubMed-not-MEDLINE records from NLM.
- Web of Science is a platform providing access to 179 million records (journals, books and proceedings) in multidisciplinary and regional citation indexes: specialist subject indexes; a patent family index; and an index to scientific data sets. Web of Science provides a common search language, navigation environment and data structure, allowing researchers to search broadly across disparate resources and use the citation connections inherent to the index to navigate relevant research results and measure impact.

#### 1. Number of articles found per database

- Ovid Medline, Embase n=2,697
- Web of Science n= 2,543

#### 2. Search strategy details by database

- Quality of life. mp. or exp "Quality of Life"/

#### Ovid

- Databases:
  - Embase
  - Ovid Medline(R)
- Number of results = 2,697
- Date of last search: August 15, 2021
- Limits: Human; English language; from 2011 to 2021

| Ovid  | Web of science | Total articles after duplicated/other causes were deleted |
|-------|----------------|---|
| 2,697 | 2,543          | 3,667   |

1. multiple myeloma.mp. or exp Multiple Myeloma/
2. (Kahler? adj3 disease).mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
3. 1 or 2
4. quality of life.mp. or exp "Quality of Life"/
5. patient reported outcomes.mp. or exp Patient Reported Outcome Measures/
6. (patient reported outcome\* or patient reported assessment\* or patient reported symptom\*).mp.
7. (patient\* adj1 (self-assess\* or self-report\* or self-monitor\*)).mp.
8. (patient report\* adj2 (outcome or measure or assessment or questionnaire or instrument or index or indice\* or indicator\*)).mp.
9. 4 or 5 or 6 or 7 or 8
10. 3 and 9
11. limit 10 to (english)
12. limit 11 to yr="2011 - 2021"
13. remove duplicates from 12

### Web of science

- Number of results= 2,543
- Date of last search: August 15, 2021.
- Limits: Human; English language; from 2011 to 2021.

- 1 TS=(multiple m\$elom\*)
- 2 TS=(Kahler disease)
- 3 TS=(Kahler disease) OR TS=(multiple m\$elom\*)
- 4 TS=(quality life)
- 5 TS = (health related quality life)
- 6 TS = (life quality)
- 7 TS = (patient reported outcome\*)
- 8 TS = (patient report\* outcome\* measure\*)
- 9 TS= (patient reported symptom\*)
- 10 TS= (patient report\* assessment\*)

11 TS= (patient self assess\*)

12 TS= (patient self report\*)

13 TS= (patient self monitor\*)

14 TS= (patient report\* NEAR/2 (outcome or measure\* or assessment or questionnaire or instrument or index or indice\* or indicator\*))

15 #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14

16 (#3) AND #15

17 (#3) AND #15 and 2011 or 2012 or 2013 or 2014 or 2015 or 2016 or 2017 or 2018 or 2019 or 2020 or 2021 (Publication Years)

18 (#3) AND #15 and 2011 or 2012 or 2013 or 2014 or 2015 or 2016 or 2017 or 2018 or 2019 or 2020 or 2021 (Publication Years) and English or French or Spanish (Languages)



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