Figure 2:

**Keywords:** Multiple sclerosis, MS, Iran

3519 potentially relevant reports identified and screened for retrieval from electronic search:
- 239 from PubMed
- 2790 from Google scholar
- 438 from Scopus
- 52 from ISI
- 302 from sid.ir

694 excluded because of duplication. 3096 reports excluded on the basis of title and abstract.

31 reports retrieved related to Prevalance, Effectiveness and Quality of life and Cost

**Keywords:** Multiple sclerosis, MS, Interferon beta

3920 potentially relevant reports identified and screened for retrieval from electronic search:
- 578 from PubMed
- 427 from Cochrane Central Register of Controlled Trials
- 2452 from Scopus
- 463 from ISI

1023 excluded because of duplication. 2273 reports excluded on the basis of title and abstract.

624 reports retrieved

14 eligible article consider for modeling of clinical responses

13 eligible article consider for prevalence
15 eligible article consider for effectiveness
2 eligible article consider for quality of life
1 eligible article consider for cost

**Keywords:** Multiple sclerosis, MS, Interferon beta, modeling, decision analysis

866 potentially relevant reports identified and screened for retrieval from electronic search:
- 80 from PubMed
- 15 from Cochrane Central Register of Controlled Trials
- 703 from Scopus
- 68 from ISI

285 excluded because of duplication. 569 reports excluded on the basis of title and abstract.

12 reports retrieved

610 reports excluded upon full text search: other endpoints measured. MRI results not clinical results

12 eligible article consider for modeling of cost in clinical responses