

Systematic reviews in insurance medicine

Bengt Järholm, Maria Albin, Kjell Torén

Narrative vs systematic review

Quality of a systematic review

- Protocol
 - A “clear” question
 - “all literature of reasonable quality”
 - Transparent judgments
 - Independent researchers as reviewers
- Extensive independent referee system
- Also systematic reviews include judgments

Our reviews

- occupational aspects on prevention
- possibilities to work with chronic diseases
- compensation for occupational diseases

Our procedure

- Editors
 - Select question
 - Discuss with representatives unions/employers
 - Select reviewers (always 2)
 - Select referees of the draft

- Approve the final version and write a summary interpreting the findings

Reviewers

- Follow the protocol for search of literature (together with trained staff)
- Select the literature of relevance and quality
- Evaluate the findings in the literature
- Make conclusions

Referees

- Evaluate the reviewers'
 - Interpretations
 - Judgments
 - Conclusions
- Familiar with the topic
 - In line with current knowledge

Findings

- Whole body vibration - lumbago ischias
- Pesticides – Mb Parkinson
- Radiation – increase risk of stroke
- Missing knowledge
 - Diabetes and shiftwork – risks?