E-Learning in Ophthalmology: An Approach with High Learner Acceptance

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objectives

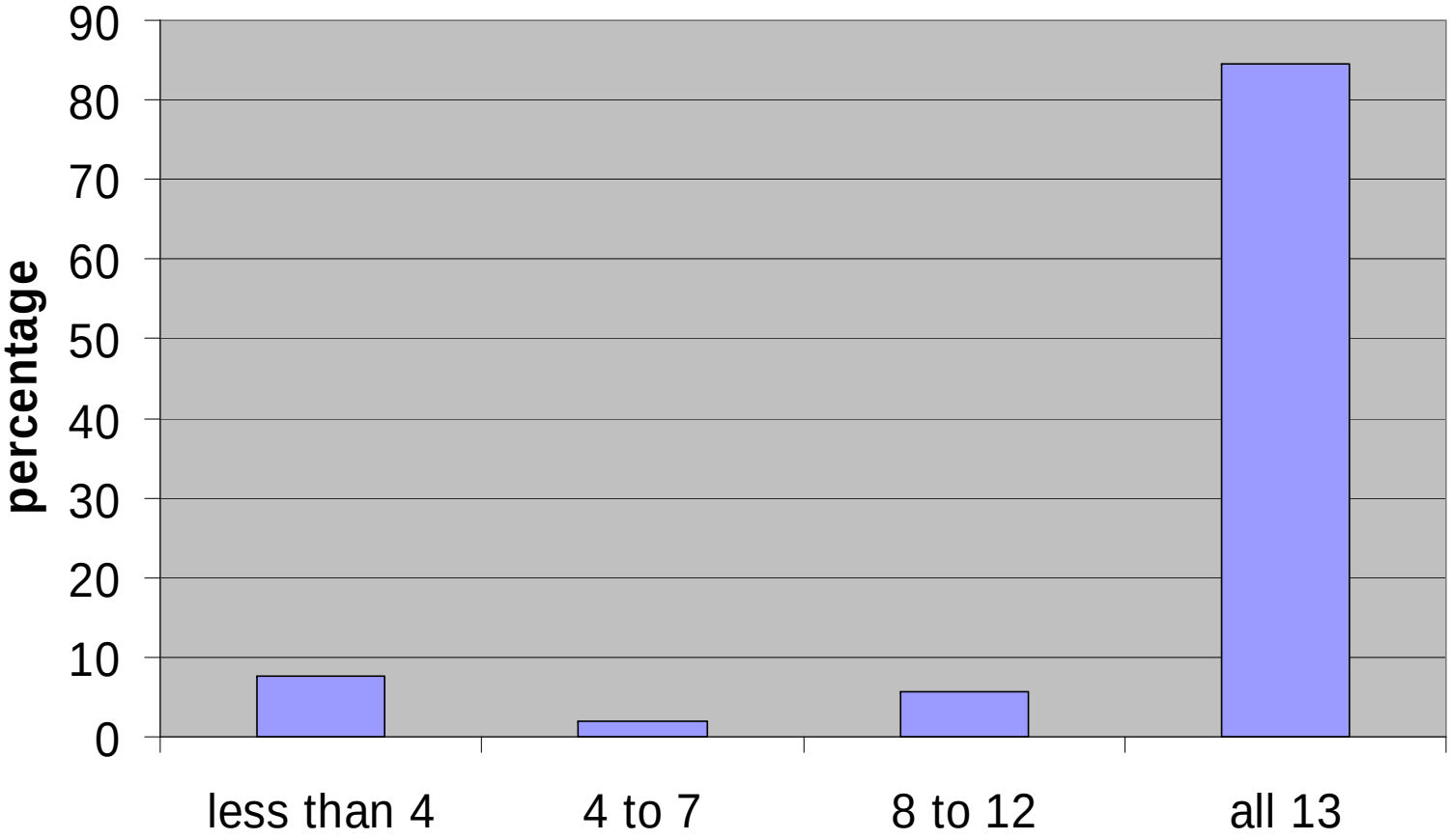
- E-learning modules in Ophthalmology
  - Rapid development
  - Small ressources
  - Based on extensive lecture material
- Web-based presentation with „protected“ access
- Evaluation in the summer semester 2006

didactic approach

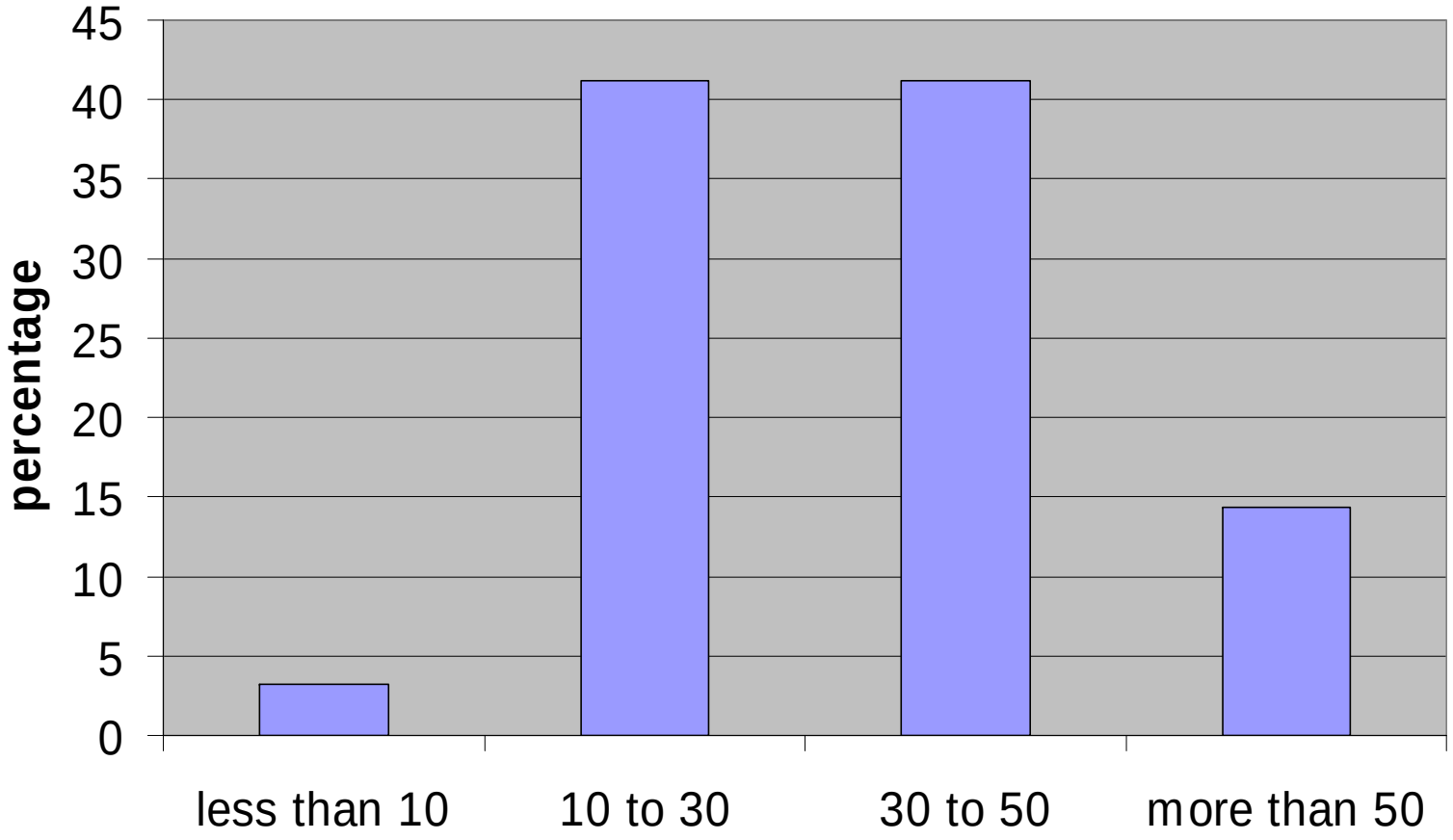
- Enhanced lecture material
  - Patient cases
  - Systematic knowledge
  - Interaction: Questions and Exercises
- Time- and space-independent learning and repetition of lectures
- Integration of multmedia-based material

Graphical user interface

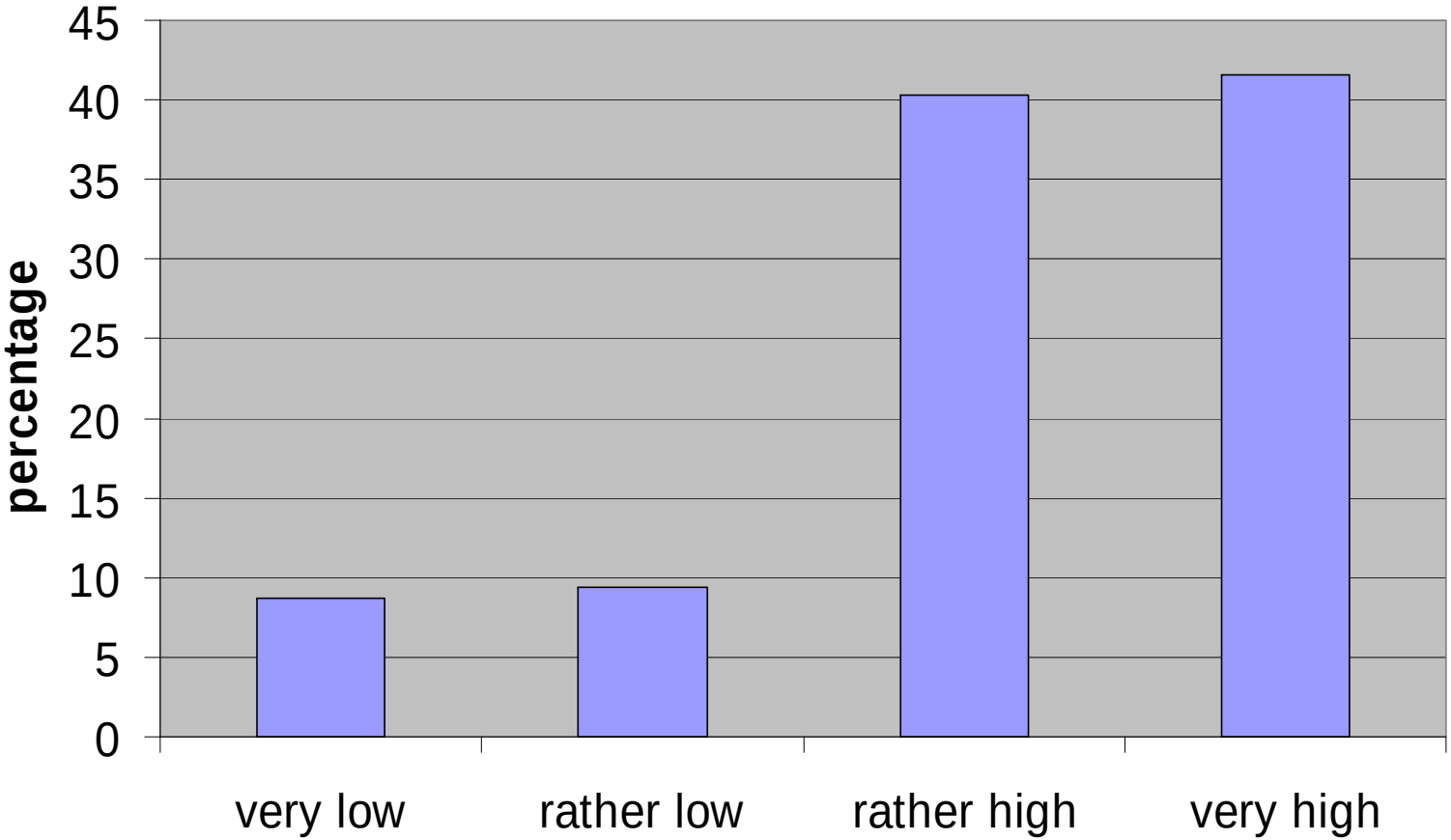
attended e-learning modules (n=156)



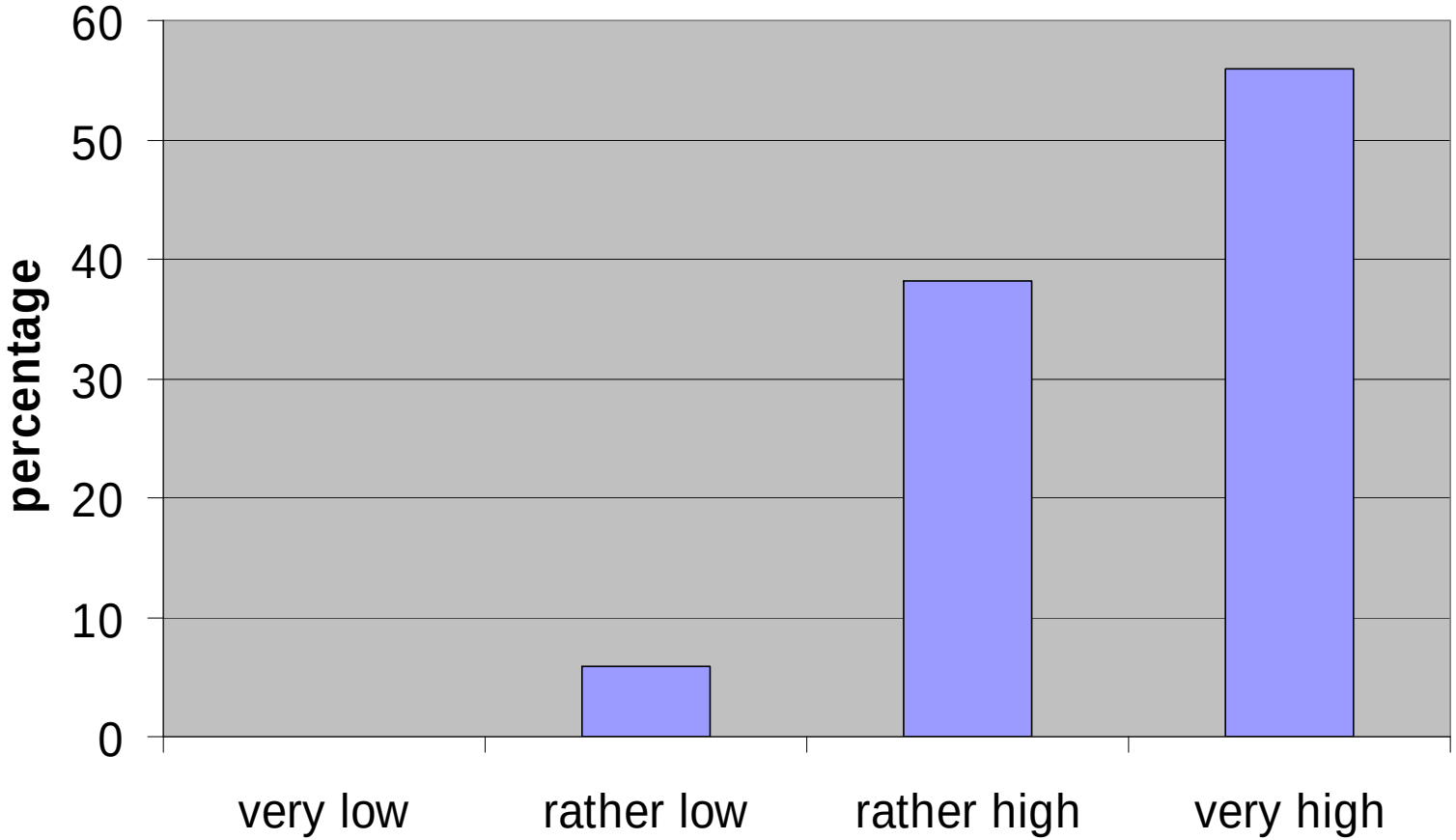
time per e-learning module [min] (n=153)



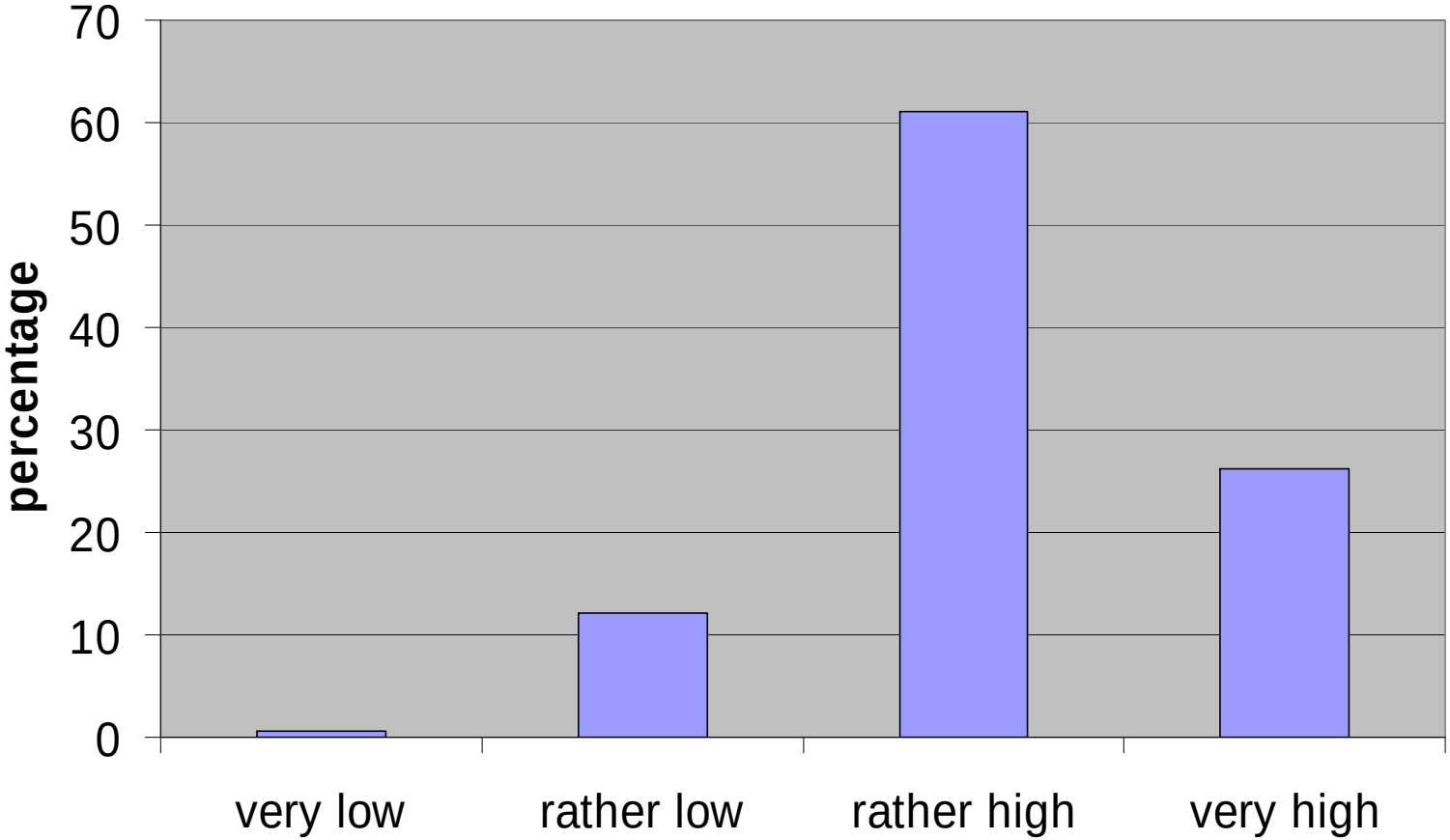
usability (n=149)



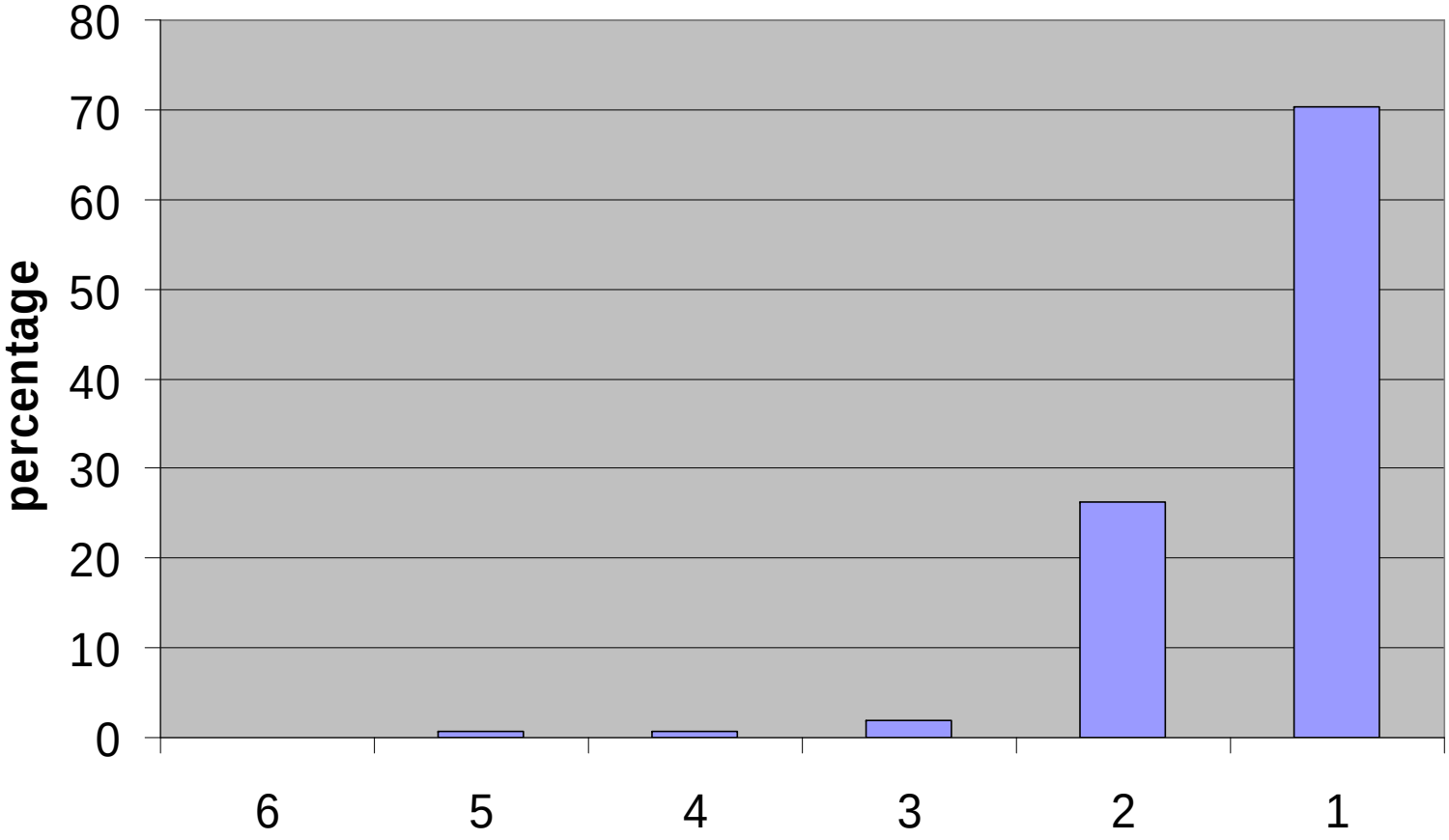
learning benefit (n=152)



fun while e-learning (n=149)



E-learning global assessment (n=152)
[degree 6: worst – degree 1: best]



conclusion

- Successful rapid implementation of e-learning modules in Ophthalmology
  - Based on existing lecture material
  - Enhanced by patient cases and systematic knowledge
  - Enhanced by mulimedia-based material
- Positive evaluation results
  - High acceptance and contentment
- Effective approach to improve medical teaching with e-learning modules

references and contact

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