

## CAT-QoL - a paediatric disease-specific measure of health related quality of life.

The CAT-QoL is a paediatric disease-specific measure of health related quality of life. This has been developed with children aged between 4- 7 years with amblyopia. The items (questions) are based on interviews with over 50 children who had (or previously had) amblyopia.

The CAT-QoL is a disease-specific health related quality of life (HRQoL) measure for amblyopia in children aged 4-7 years. It consists of 25 items (questions), which encompass physical, social and emotional aspects of quality of life. The instrument has three response levels. The patients complete the questionnaire over a recall period of a week.



The CATQoL instrument was developed using “bottom-up” methods, and patient data was used at every stage in the instrument design. The instrument has been shown to have good content and face validity. The psychometric properties of the CAT-QoL instrument have been assessed following a multi-centre United Kingdom (UK) validation study. A Rasch scoring conversion chart is available.

Seven treatment specific versions are available:

- Glasses
- Patch
- Drops
- Patch and drops
- Patch and glasses
- Glasses and drops
- Glasses patch and drops

### Category

Software

Health Outcome Measures

### Learn more



For more information contact [licensing@sheffield.ac.uk](mailto:licensing@sheffield.ac.uk) or [j.carlton@sheffield.ac.uk](mailto:j.carlton@sheffield.ac.uk)

## References

1. Carlton(Aug 2011) , <http://https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3196838/>,  
<http://https://www.ncbi.nlm.nih.gov/labs/journals/br-ir-orthopt-j/>, Aug 2011 Vol 8, 18-23
2. Carlton(Aug 2013) , <http://https://insights.ovid.com/pubmed?pmid=23628756>,  
<http://www.aaopt.org/section/OVS>, 90(8), 867-73
3. Carlton (2013) , <http://https://hqlo.biomedcentral.com/articles/10.1186/1477-7525-11-174>,  
<http://https://hqlo.biomedcentral.com/>, 11:174
4. Carlton J.(Sep 2019) , Comparison of the CAT-QoL and PedsQLTM instruments in measuring quality of life in amblyopia treatment: preliminary results. *Strabismus*.. doi: 10.1080/09273972.2019.1618351., 27(3), 165-171
5. Carlton J.(2019 Jun) , Refinement of the Child Amblyopia Treatment Questionnaire (CAT-QoL) using Rasch analysis. *Strabismus*.. doi: 10.1080/09273972.2019.1601743, 27(2), 66-77