TITLE: Vitrectomy Surgical Systems: Comparative Clinical Effectiveness and Safety

DATE: 09 August 2012

RESEARCH QUESTIONS:

1. What is the evidence regarding the comparative clinical effectiveness of the Alcon Accurus system versus the Alcon Constellation system versus the Bausch and Lomb Stellaris PC system, for patients undergoing a vitrectomy procedure?

2. What is the evidence regarding the comparative safety of the Accurus system versus the Constellation system versus the Stellaris PC system for patients undergoing a vitrectomy procedure?

KEY MESSAGE

No literature was identified regarding the comparative clinical effectiveness or comparative safety of the Alcon Accurus system versus the Alcon Constellation system versus the Bausch and Lomb Stellaris PC system, for patients undergoing a vitrectomy procedure.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2012, Issue 7), University of York Centre for Reviews and Dissemination (CRD) databases ECRI (Health Devices Gold), Canadian and major international health technology agencies, as well as a focused Internet search. No filters were applied to limit retrieval by publication type. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2007 and July 26, 2012. Internet links were provided, where available.
RESULTS

Rapid Response reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews, and meta-analyses are presented first. These are followed by randomized controlled trials and non-randomized studies.

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, or non-randomized studies were identified regarding the comparative clinical effectiveness or comparative safety of the Alcon Accurus system versus the Alcon Constellation system versus the Bausch and Lomb Stellaris PC system, for patients undergoing a vitrectomy procedure. Additional references of potential interest are provided in the appendix.

OVERALL SUMMARY OF FINDINGS

No relevant literature was found regarding the comparative clinical effectiveness or comparative safety of the Alcon Accurus system versus the Alcon Constellation system versus the Bausch and Lomb Stellaris PC system, for patients undergoing a vitrectomy procedure and therefore no summary can be provided.
REFERENCES SUMMARIZED

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-analyses
No literature identified.

Randomized Controlled Trials
No literature identified.

Non-Randomized Studies
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Additional References - Safety


