TITLE: Tacrolimus for Solid Organ Transplant Recipients: Clinical Effectiveness, Safety, and Clinical Evidence

DATE: 12 June 2012

RESEARCH QUESTIONS

1. What is the clinical effectiveness of Prograf versus generic tacrolimus in solid organ transplant recipients?

2. What is the clinical evidence regarding the safety of Prograf versus generic tacrolimus in solid organ transplant recipients?

3. What is the clinical evidence regarding medication compliance for solid organ transplant recipients receiving Prograf (twice daily) versus Advagraf (once daily)?

KEY MESSAGE

Five non-randomized studies were identified regarding tacrolimus in solid organ transplant recipients.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2012, Issue 5), University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and abbreviated lists of major international health technology agencies, as well as a focused Internet search. Methodological filters were applied to limit retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, and non-randomized studies. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between Jan 1, 2007 and Jun 5, 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.

Five non-randomized studies were identified regarding tacrolimus in solid organ transplant recipients. No relevant health technology assessments, systematic reviews, meta-analyses, or randomized controlled trials were identified. Additional references of potential interest are provided in the appendix.

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-analyses
No literature identified.

Randomized Controlled Trials
No literature identified.

Non-Randomized Studies


Compliance


APPENDIX – FURTHER INFORMATION:

Non-Randomized Studies – bioequivalence and dosing


Listing Decision with Clinical Summary


Additional References


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PubMed: PM21861541