TITLE: Needle or Blade Fasciotomy versus Radical and Partial Fasciectomies or Collagenase Clostridium Histolyticum for the Treatment of Dupuytren’s Contracture: Comparative Efficacy, Safety, and Cost-Effectiveness

DATE:  11 October 2012

RESEARCH QUESTIONS

1. What is the clinical effectiveness of needle or blade fasciotomy compared to with radical and partial fasciectomies or collagenase clostridium histolyticum for the treatment of Dupuytren’s Contracture?

2. What is the safety of needle or blade fasciotomy compared to with radical and partial fasciectomies or collagenase clostridium histolyticum for the treatment of Dupuytren’s Contracture?

3. What is the cost-effectiveness of needle or blade fasciotomy compared to with radical and partial fasciectomies or collagenase clostridium histolyticum for the treatment of Dupuytren’s Contracture?

KEY MESSAGE

Three systematic reviews, two randomized controlled trials, and one economic evaluation were identified regarding needle or blade fasciotomy compared to with radical and partial fasciectomies or collagenase clostridium histolyticum for the treatment of Dupuytren’s Contracture.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2012, Issue 9), University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and major international health technology agencies, as well as a focused Internet search. No filters were applied to limit the retrieval by study type. The search was also...
limited to English language documents published between January 1, 2002 and October 4, 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 economic evaluations.

Three systematic reviews, two randomized controlled trials, and one economic evaluation were identified regarding needle or blade fasciotomy compared to with radical and partial fasciectomies or collagenase clostridium histolyticum for the treatment of Dupuytren’s Contracture. No relevant health technology assessments were identified. Additional references of potential interest, including non-randomized studies with safety information, are provided in the appendix.

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-analyses


Randomized Controlled Trials


Economic Evaluations

APPENDIX – FURTHER INFORMATION:

Non-Randomized Studies


Review Articles


Additional References