TITLE: Bone Marrow Aspiration or Biopsy for Patients with Immune Thrombocytopenia: Clinical Evidence

DATE: 11 August 2014

RESEARCH QUESTION

What is the clinical evidence regarding the benefits and harms of bone marrow aspiration or biopsy for patients with suspected immune thrombocytopenia?

KEY FINDINGS

Four non-randomized studies were identified regarding the benefits and harms of bone marrow aspiration or biopsy for patients with suspected immune thrombocytopenia.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2014, Issue 8), 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 methodological 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, 1999 and August 5, 2014. 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.

Four non-randomized studies were identified regarding the benefits and harms of bone marrow aspiration or biopsy for patients with suspected immune thrombocytopenia. No relevant health technology assessments, systematic reviews, meta-analyses, or randomized controlled trials were identified.

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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**


   PubMed: PM17623584

   PubMed: PM15494875

   PubMed: PM10092918

**PREPARED BY:**
Canadian Agency for Drugs and Technologies in Health
Tel: 1-866-898-8439
[www.cadth.ca](http://www.cadth.ca)
APPENDIX – FURTHER INFORMATION:

Non-Randomized Studies – Thrombocytopenia, Not Otherwise Specified


Clinical Guidelines

See: Bone Marrow Aspiration, page 9

See: Investigations, page 1

Review Articles


PubMed: PM11533068

Additional References