TITLE: Methotrexate for Primary Central Nervous System Lymphoma: Clinical-Effectiveness

DATE: 14 July 2009

RESEARCH QUESTION:

What is the clinical-effectiveness of high dose methotrexate for treatment of adult patients with primary central nervous system (CNS) lymphoma compared to chemotherapy with or without methotrexate or radiation plus chemotherapy?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 2, 2009), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. The search was limited to English language articles published between 1999 and July 2009. Filters were applied to limit the retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, and observational studies. Internet links were provided, where available.

RESULTS:

HTIS 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 observational studies.

One systematic review and two observational studies were identified regarding the clinical-effectiveness of high dose methotrexate for treatment of adult patients with primary central nervous system (CNS) lymphoma compared to chemotherapy with or without methotrexate or radiation plus chemotherapy. No relevant health technology assessments, meta-analyses, or randomized controlled trials were identified from the literature search results. Additional articles of interest may be found in the appendix.
Health technology assessments
No literature identified

Systematic reviews and meta-analyses


Randomized controlled trials
No literature identified

Observational studies


PREPARED BY:
Michelle Clark, BSc, Research Assistant
Emmanuel Nkansah, MLS, MA, Information Specialist
Health Technology Inquiry Service
Email: htis@cadth.ca
Tel: 1-866-898-8439
APPENDIX – FURTHER INFORMATION:

Observational studies – no comparator


Guidelines and recommendations


Review articles


Additional references