Prevention of venous thromboembolism after injury

Agency for Healthcare Research and Quality (AHRQ)

Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors' objectives
The aims of this report are to evaluate the existing literature, summarize the evidence, and perform meta-analysis and cost-effectiveness analysis on data relevant to prevention of venous thromboembolism after injury. Venous thromboembolism occurs frequently after trauma and causes significant mortality and long-term disability. At the same time, methods to prevent and diagnose it are highly controversial and physicians' practices vary widely. With this evidence report, we intend to examine these controversial areas by analyzing the existing scientific literature. An equally important objective is to identify areas in which evidence is lacking in order to direct future research.

Authors' conclusions
The evidence on prevention of venous thromboembolism after injury is scanty. Many practices are based on extrapolation from data on nontrauma patients. The risk of venous thromboembolism increases in the presence of spinal trauma with or without injury to the spinal cord. Currently, the most frequently used methods of venous thromboembolism prophylaxis do not offer a proven benefit over no prophylaxis.

Project page URL
http://www.ahrq.gov/clinic/vtsumm.htm

URL for DARE abstract
http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=12001008299

Indexing Status
Subject indexing assigned by CRD

MeSH
Thromboembolism /prevention & control; Venous Thrombosis /prevention & control; Wounds and Injuries

Language Published
English

Country of organisation
United States

Address for correspondence
Center for Outcomes and Evidence Technology Assessment Program, 540 Gaither Road, Rockville, MD 20850, USA. Tel: +1 301 427 1610; Fax: +1 301 427 1639; Email: martin.erlichman@ahrq.hhs.gov

AccessionNumber
32001000950