TITLE: Human Papillomavirus Vaccine and Hepatitis B Vaccine: Clinical-Effectiveness of Dosing Intervals

DATE: 14 August 2009

RESEARCH QUESTION:

What is the clinical-effectiveness of varying the dosing intervals for young adolescents given the human papillomavirus (HPV) vaccine and the hepatitis B vaccine?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 3, 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 2004 and August 2009. Filters were applied to limit the retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, and guidelines. 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 evidence-based guidelines.

Three randomized controlled trials and one guideline regarding the clinical-effectiveness of varying the dosing intervals of the hepatitis B vaccine in young adolescents were identified. No relevant health technology assessments, systematic reviews, or meta-analyses were identified. No relevant studies were identified regarding the clinical-effectiveness of varying the dosing intervals for the human papillomavirus (HPV) vaccine in young adolescents. One additional article of interest may be found in the appendix.
Health technology assessments
No literature identified

Systematic reviews and meta-analyses
No literature identified

Randomized controlled trials


Guidelines and recommendations


   Note: see Table 4. Doses and Schedules for Monovalent Hepatitis B Vaccines, page 200

PREPARED BY:

Michelle Clark, BSc, Research Assistant
Emmanuel Nkansah, MLS, MA, Information Specialist
Melissa Severn, MIST, Information Specialist

Health Technology Inquiry Service
Email: [htis@cadth.ca](mailto:htis@cadth.ca)
Tel: 1-866-898-8439
APPENDIX – FURTHER INFORMATION:

Additional references