TITLE: Intramuscular Injections into the Ventral Gluteal Site Using Safety Needles: Clinical Effectiveness and Guidelines

DATE: 12 November 2008

RESEARCH QUESTIONS:

1. What is the clinical effectiveness of using safety needles for intramuscular injection into the ventral gluteal site using the Z-track method?

2. What are the guidelines for using safety needles for intramuscular injection into the ventral gluteal site using the Z-track method including length and type of needles?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 4, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. Results include articles published between 2003 and November 2008, and are limited to human and English language publications only. No filters were applied to limit the retrieval by study type. Internet links are 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, observational studies, and evidence-based guidelines.

Two observational studies were identified regarding the clinical effectiveness of using safety needles for intramuscular injection into the ventral gluteal site using the Z-track method. No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, or evidence-based guidelines were identified.

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Health technology assessments
No literature identified

Systematic reviews and meta-analyses
No literature identified

Randomized controlled trials
No literature identified

Observational studies


Guidelines and recommendations
No literature identified

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