

- Sedentary lifestyle
- Nutritional factors
- Older age
- Male gender
- Hypertension
- Type 1 or type 2 diabetes

Translating Evidence Into Practice

Rationale for Universal Cholesterol Screening for Children

Updated by Olga A. Taylor

Ask the Question

PICOT Question

Should cholesterol screening be performed in children?

Search for the Evidence

Search Strategies

The literature was searched to locate clinical research studies related to this issue. Selection criteria included English-language publications within the past 10 years, research-based articles (level 3 or lower), and infant and child populations.

Databases Used

PubMed, Cochrane Collaboration, MD Consult, Joanna Briggs Institute, National Guidelines Clearinghouse (AHRQ), TRIP Database Plus, PedsCCM, BestBETs

Critically Analyze the Evidence

- In late 2011, an expert panel of the National Heart, Lung, and Blood Institute made a recommendation that lipid screening be performed on all children 9 to 11 years old; this recommendation was based on evidence that as many as 30% to 60% of children with dyslipidemia might be missed when screening is performed by family history alone ([National Heart, Lung, and Blood](#)