Supplement 3. Literature Flow Diagram

Abstracts of potentially relevant articles reviewed. Identified through MEDLINE and Cochrane,* and other sources†: 2,192

Excluded abstracts and background papers: 2,049

Full text articles reviewed for relevance to key questions: 143

Articles excluded: 126
Wrong population: 22
Wrong Intervention: 3
Wrong outcome: 9
Wrong study design for Key Question: 83
Not English language but potentially relevant: 2
Systematic review, not directly used: 7

14 included studies (in 17 publications)‡

Key Question 1. Screening
No studies

Key Question 2. Harms of screening
No studies

Key Question 3a. Efficacy of treatment on clinical outcomes
Subclinical hypothyroidism: 6 studies
Subclinical hyperthyroidism: No studies
Overt: No studies

Key Question 3b. Efficacy of treatment on intermediate outcomes
Subclinical hypothyroidism: 9 studies (in 11 publications)
Subclinical hyperthyroidism: 2 studies
Overt: No studies

Key Question 4. Harms of treatment
Subclinical hypothyroidism: 5 studies (in 6 publications)
Subclinical hyperthyroidism: 1 study
Overt: No studies

Note: Hyperthyroidism results are summarized in the full report (14).
*Cochrane databases include the Cochrane Central Register of Controlled Trials and the Cochrane Database of Systematic Reviews.
†Other sources include prior reports, reference lists of relevant articles, systematic reviews, etc.
‡Some studies are included for more than one Key Question.