Reviewer’s report

Title: Screening for thyroid dysfunction and treatment of screen-detected thyroid dysfunction in asymptomatic, community-dwelling adults: a systematic review

Version: 1 Date: 07 Aug 2019

Reviewer: Howard Tracer

Reviewer's report:

Thank you for the opportunity to review this systematic review.

This is a very nice review on the evidence on screening for and treatment of screen-detected and subclinical thyroid disease.

The authors have addressed most of the points I initially raised.

I had one additional comment:

In the additional files, Evidence set 2, KQ3b, outcome - Total Cholesterol (p. 25); in the Comments column, the authors write – "There is moderate certainty that there may or may not be a small but statistically significant difference between those treated and not treated for subclinical hypothyroidism on total cholesterol levels."

I'm a bit uncertain about the meaning of "moderate certainty that there may or may not be a small...difference..."Perhaps, if the "results were mixed" (as is stated in the Impact column, and text of the systematic review (line 803)), the certainty of this evidence is lower.

I think this requires clarification on the part of the authors.
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