



Excluded Studies for KQ1-4 after full-text screening

Non-English Article : n = 28

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Wrong outcome: n = 20

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Observation study reporting on outcomes for which data is available from one or more RCTs:
n = 2

Grossman A, Feldhamer I, Meyerovitch J. Treatment with levothyroxin in subclinical hypothyroidism is associated with increased mortality in the elderly. *Eur J Intern Med* 2018;50:65-68.

Shin DH, Lee MJ, Kim SJ, Oh HJ, Kim HR, et al. Preservation of renal function by thyroid hormone replacement therapy in chronic kidney disease patients with subclinical hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*. 2012. 97:2732



Excluded Studies for KQ5 after Full-text Screening

Wrong study design: n = 2

Schwartz E, Holtorf K. Hormone Replacement Therapy in the Geriatric Patient: Current State of the Evidence and Questions for the Future. Estrogen, Progesterone, Testosterone, and Thyroid Hormone Augmentation in Geriatric Clinical Practice: Part 1. *Clinics in geriatric medicine*. 2011. 27:541

Werhun A, Hamilton W. Are we overusing thyroid function tests?. *British Journal of General Practice*. 2013. 63:404

Wrong intervention: n = 1

Pollock AM, Sturrock A, Marshall K, Davidson KM, et al. Thyroxine treatment in patients with symptoms of hypothyroidism but thyroid function tests within the reference range: Randomised double blind placebo controlled crossover trial. *British medical journal*. 2001. 323:891

Wrong outcome: n = 1

Verburg FA, Grelle I, Tatschner K, Reiners C, Luster M. Prevalence of thyroid disorders in elderly people in Germany: A screening study in a country with endemic goitre. *Nuklearmedizin*. 2017. 56:9

