

CRITICAL REVIEW FORM: HARM

Citation: Turner MR, Camacho X, Fischer HD, et al. Levothyroxine dose and risk of fractures in older adults: nested case-control study. *BMJ* 2011; 342.

Guide		Comments
I	Are the Results Valid?	
A	Did the cases and control group have the same risk (chance) for being exposed in the past?	
1	Were cases and controls similar with respect to the indication or circumstances that would lead to exposure?	
2	Were the circumstances and methods for determining exposure similar for cases and controls?	
II	What are the Results?	
1	How strong is the association between exposure and outcome?	
2	How precise is the estimate of risk?	
III	How can I apply the results to my patient care?	
1	Were the study patients similar to patients in my practice?	
2	Was the duration of follow-up adequate?	
3	Is the exposure similar to what might occur in my patient?	
4	What is the magnitude of the risk?	
5	Are there benefits that offset the risks of the exposure?	