

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?		
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?	