Appraiser: _____ Date: ___/___/____

Citation: _____

What is the clinical question that this study addresses? Put the question in PICO format.

Population: _____

Intervention: _____

Comparison: _____

Outcome: _____

Setting: _____

Inclusion criteria: _____

Exclusion criteria: _____

I. ARE THE RESULTS OF THIS TRIAL VALID? What is the Risk of Bias?

1. Was assignment of patients to treatment groups randomized? *Was the randomization process concealed from investigators (was the trial allocation concealed)? Note: this does not refer to blinding of the investigators from the treatment, but rather blinding from the process of randomization itself.*	
2. Were patients in the treatment and control groups similar with respect to known prognostic factors at the start of the trial?	
3. Were patients analyzed in the groups to which they were randomized (was an intention to treat analysis done)?	
4. Blinding: Were patients aware of group allocation? Were clinicians aware of group allocation? What about outcome assessors?	
5. Was follow up complete and appropriate in length for the outcomes examined?	

II. WHAT ARE THE RESULTS OF THE TRIAL?

Calculate the results for 1-2 major outcomes. How large was the treatment effect? How precise was the treatment effect? *If the study includes a dichotomous outcome (an outcome measure in which there are only two possibilities – dead/alive, pregnant/not pregnant), use the table below to demonstrate results.*	

Are the outcomes measures clinical (hospitalization, stroke, death, etc.) or physiologic (BP reading, Hgb A1c, LDL level, etc.)?	
If the outcomes are physiologic, are they established surrogate markers of clinically important outcomes (i.e. BP reduction correlating with decrease mortality rate)?	
Were important adverse events reported?	

Outcome	**Control Event Rate (CER)**	**Experimental Event Rate (EER)**	**Relative Risk** **(RR = EER/CER**	**Relative Risk Reduction** **(1-RR)X100 or (CER – EER) / CER**	**Absolute Risk Reduction** **(CER – EER)**	**Number Needed to Treat** **1/ARR**	**p Value**

III. CAN I APPLY THE RESULTS OF THIS TRIAL TO MY PATIENT(S)?

Are the study patients similar to my patient(s), and is the intervention feasible in my practice setting?	
Are the potential benefits worth the possible harms and cost?	

CLINICAL BOTTOM LINE

1.
2.
3.