

**Journal Club**  
**RANDOMIZED CONTROLLED TRIAL**

**1. What question did the study attempt to answer?**

Patients -

Intervention -

Comparison -

Outcome –

**Did the study address an appropriate and clearly focused question**      ☐ Yes   ☐ No

**2. Determining Relevance:**

a. Did the authors study a clinically meaningful      ☐ Yes   ☐ No  
and/or a patient oriented outcome?

b. The patients covered by the review similar to your population      ☐ Yes   ☐ No

**3. Determining Validity:**

Study design;

a. Was it a controlled trial?      ☐ Yes   ☐ No

b. Were patients randomly allocated to      ☐ Yes   ☐ No   ☐ Unclear  
comparison groups?

c. Were groups similar at the start of a trial?      ☐ Yes   ☐ No   ☐ Unclear

d. Were patients and study personnel “blind” to treatment?      ☐ Yes   ☐ No   ☐ Unclear

e. Aside from allocated treatment, were groups treated equally?      ☐ Yes   ☐ No   ☐ Unclear

f. Were all patients who entered the trial properly accounted for at it's conclusion      ☐ Yes   ☐ No   ☐ Unclear

#### 4. What are the results?

Construct a 2X2 table(s) for your outcome(s) of interest

	OUTCOME OF INTEREST	
	+	-
Experimental treatment	a	b
Placebo/Comparison	c	d

<http://ktclearinghouse.ca/cebm/practise/ca/calculators/statscalc>

a. What are the overall results of the study?

b. Are the results statistically significant?

☐ Yes ☐ No

c. Are the results clinically significant?

☐ Yes ☐ No

d. Were there other factors that might have affected the outcome?

☐ Yes ☐ No

#### 5. Applying the evidence:

a. If the findings are valid and relevant, will this change your current practice?

☐ Yes ☐ No

b. Is the change in practice something that can be done in a medical care setting of a family physician?

☐ Yes ☐ No

c. Can the results be implemented? Are there any barrier to immediate implementation?

☐ Yes ☐ No