



**Sudan Medical Specialization Board  
Educational Development Center  
Research & Publication Unit  
Scientific Review Checklist**



Name:..... Date:.....

Research Title: .....

**NOTE:**

Any study that involve administering new medications or an existing medication for new purposes, procedures and devices should get an approval from **Poisons and Medicine Board**

Please mark the appropriate option **Yes, NO, or Not Applicable**

QUESTIONS	STATUS			Comment (filled by the reviewer)
	YES	NO	Not applicable	
<b>RESEARCH TITLE</b>				
– Is it clear and specific	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Not exceeding 12 - 14 words	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Location and the time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>OBJECTIVES</b>				
– Are they scientifically sound? (Specific, measurable, achievable, relevant and time bound)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Did you use an appropriate action verb?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Is each objective stated separately?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Are the Specific objectives come/derived from your general objective?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>STUDY DESIGN</b>				
– Is it scientifically sound?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Is it appropriate in terms of achieving your objectives?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>SAMPLE SIZE</b>				
– Is the equation stated?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Is there is a reference for the <u>prevalence</u> or the <u>total population</u> in the equation?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Did you state your sampling technique and clarify how will you do it?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>In case of total coverage are the following stated?</b>				
– The <u>rationale</u> for using this method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Did you provide an <u>estimated</u> number and it's <u>reference</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>DATA COLLECTION TOOLS AND METHODS</b>				
– Are the tools used in collecting data clearly stated? (Questionnaires, checklists, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Is the method for obtaining the data clear and appropriate? (Interviewing, self-administered)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Any investigations? Data from hospital records? ( justify doing it, and explain it in details)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>ETHICAL CONSIDERATION</b>				
– Did you state the following clearly?				
– Approval from the Ethical committee at the Research Unit- EDC.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Hospital permission	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Is the written informed consent process clear and appropriate?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Did you attach a copy of the consent? (The content of informed consent is attached)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
– Is the data confidentiality maintained?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	



**Sudan Medical Specialization Board  
Educational Development Center  
Research & Publication Unit  
Scientific Review Checklist**



COMMITTEE DECISION	
Approved	
Approved with Minor Amendments	
Major Amendments required	
Minor Amendments required	
Signature of reviewer	

## **BASIC ELEMENTS OF INFORMED CONSENT**

### **1. Research description**

- This is a research study
- Purpose and objectives of study
- Expected participant’s responsibilities
- Procedures involved
- Study duration
- Explanation of randomization or placebo

### **2. Risks**

- Anticipated or foreseeable risk including physical, social, & psychological  
(The way risks will be presented to the participants requires the review and approval of an ethics committee)

### **3. Benefits**

- Reasonably expected
- No exaggeration
- Benefits available once research is ended

### **4. Alternatives**

- Alternative procedures or treatment
- Advantages and disadvantages
- Availability

### **5. Confidentiality**

- Degree of confidentiality
- Indicate persons or organizations who may have access to the information

### **6. Compensation**

- Available compensation in case of injury
- Treatment available and cost
- Fair payment for time, travel or inconvenience (reasonable)
- Not coercive (not too high)

### **7. Contacts**

- Contact for research-related questions
- Contact for concerns/injury about rights as a participant
- Contact information should be realistic and economically viable and culturally appropriate

### **8. Voluntary participation**

- Absolutely voluntary
- Right to discontinue at any time
- No penalty for refusal