

## **Reviewer Criteria Used in Scoring of Grant Applications**

*(This is information that the reviewers will be looking for when reviewing your application)*

### **A. Relevance (to POSNA)/Significance/Potential for Future Funding**

1. Is the project relevant to the mission of POSNA?
2. Do the aims of the proposed project address an important question?
3. What is the likely impact of the project to the field if successfully completed?
4. Will the results of this project suffice as preliminary data for future large-scale research funding opportunities (NIH, CIHR, PCORI, AHQR)?
5. Alternatively, is it an important pediatric orthopaedic topic that due to the specialized topic no other organization aside from POSNA is likely to fund?

### **B. Originality; Novel; Innovative**

1. Is the proposed study original? (Or has this been done previously but poorly?) OR
2. Will the results of the project result in new information or test the hypothesis with a different patient population?
3. Is the topic so impactful on practice that more than one study is needed to provide validation?
4. Is the project innovative? (Uses novel concepts, approaches, or technologies)

### **C. Methods: (Quality and clarity of the study design, methods, and analysis)**

1. Is the study design valid/appropriate for the question/s and aims of the project?
2. Is the study design the strongest feasible design to address the question's and aims?
3. Are the methods clearly described for each of the specific aims?
4. Is the analysis clearly articulated? Is there a power analysis and a statistical plan?

### **D. Investigator/s / Track record**

1. Do the members of the investigative team have the requisite content experience/expertise to conduct the project?
2. Do the members of the investigative team have the requisite methodologic experience/expertise to conduct the research?
3. Do the investigators have an appropriate track record of successful completion of research?
4. Certain POSNA grants are aimed at new or less experienced investigators.

### **E. Feasibility: Research Setting, Timelines & Budget**

1. Is the research setting / environment conducive to the successful completion of the project?
2. Are the specified timelines reasonable to accomplish the aims of the project? (including IRB approval; IACUC approval, data use agreements; lab set up or participant recruitment; follow-up until final outcomes, typically 2-year follow-up for high quality publications, etc)
3. Is the budget reasonable and appropriate to accomplish the aims of the project?

