

Magnet® Senior Analysts' Tips

Submitting a first-time application or seeking redesignation? Read the following tips to ensure adherence to guidelines for data collection, provision of evidence, and formatting when writing to the Organizational Overview (OO) and the Sources of Evidence (SOE)!

The Difference Between Research and Evidence-Based Practice

As a follow-up to the [December 2015 Magnet® Senior Analysts' Tips](#), the concepts and definitions below apply to:

- ▶ Organizational Overview (OO) items OO19 and OO20
- ▶ Exemplary Practice (EP) EP14
- ▶ New Knowledge (NK) NK1EO, NK2a, NK2b, NK3a, and NK3b

“Organizations achieving Magnet recognition have established evolving programs related to evidence-based practices and research programs. Infrastructures and resources are in place to support the advancement of evidence-based practices and research in all clinical settings” (2014 Magnet® Application Manual, p. 55).

When addressing the Sources of Evidence (SOE) in the New Knowledge (NK), Innovations & Improvements component, it's important to differentiate between research and evidence-based practice (EBP).

Nursing Research Definitions for Magnet Application Purposes:

Research is a systematic investigation, including research development, testing, and evaluation, designed to develop or contribute to generalizable knowledge (2014 Magnet® Application Manual, p. 74).

Nursing research is “systematic inquiry that uses disciplined methods to answer questions or solve problems. The ultimate goal of research is to develop, refine, and expand knowledge” (Polit & Beck, 2012) (2014 Magnet® Application Manual, p. 72).

Evidence-based practice (EBP) is the conscientious use/integration of the best research evidence with clinical expertise and patient preferences in nursing practice (adapted from Sackett et al., 2000). Evidence-based practice is a science-to-service model of engagement of critical thinking to apply **research-based evidence** (scientific knowledge) and **practice-based evidence** (art of nursing) within the context of patient values to deliver quality, cost-sensitive care (2014 Magnet® Application Manual, p. 67).

Nursing research as distinguished from evidenced-based practice: Research contributes to the generalized nursing knowledge. Evidence-based practice uses the new knowledge by synthesizing and disseminating, and to make an impact on, or a change in, the existing practices in society (adapted from Burns & Grove, 2005, p. 750).

Definitions (refer to table below):

Principal Investigator (PI)—A PI is the primary individual responsible for the preparation, conduct, and administration of the nursing research project in compliance with applicable laws and regulations and institutional policies governing the conduct of sponsored research.

Co-PI—A Co-PI has responsibilities similar to that of a PI on research projects. While the PI has ultimate responsibility for the conduct of a research project, the Co-PI or Site PI is also obligated to ensure the project is conducted in compliance with applicable laws and regulations and institutional policies governing the conduct of sponsored research.

Site PI (at the applicant organization)—The Site PI has responsibilities similar to that of a PI on research projects. While the PI has ultimate responsibility for the conduct of a research project, the Co-PI or Site PI is also obligated to ensure the project is conducted in compliance with applicable laws and regulations and institutional policies governing the conduct of sponsored research.

Note: The Site PI “title” may vary from one organization to another; however, the function, regardless of the title, must adhere to the Site PI definition as listed above.

Research Matrix	Organization-Initiated Nursing Research	System-Initiated Nursing Research	Multisite Nursing Research
<p>Individual Organization Application</p>	<p>Principle Investigator (PI) or Co-PI</p> <ul style="list-style-type: none"> ▶ Must be RN employed by the organization ▶ Implications of the research on the applicant organization must be addressed in the research study chosen for NKIEO 	<p>Principle Investigator (PI) or Co-PI</p> <ul style="list-style-type: none"> ▶ Must be RN employed within the system ▶ If the PI or Co-PI is not a staff member at the applicant organization, then an RN Co-PI or RN Site PI must be employed in the applicant organization ▶ Implications of the research on the applicant organization must be addressed in the research study chosen for NKIEO 	<p>Principle Investigator (PI) or Co-PI or Site PI</p> <ul style="list-style-type: none"> ▶ Must be RN employed by the organization ▶ Implications of the research on the applicant organization must be addressed in the research study chosen for NKIEO
<p>System Application</p> <p>Each entity within the system must provide a completed nursing research table</p>	<p>PI or Co-PI</p> <ul style="list-style-type: none"> ▶ Must be RN employed by the entity within the system ▶ Implications of the research on the entity must be addressed in the research study chosen for NKIEO 	<p>PI or Co-PI</p> <ul style="list-style-type: none"> ▶ Must be RN employed within the System ▶ RN Co-PI or RN Site PI must be employed at each participating entity within the system ▶ Implications of the research on each entity within the system must be addressed in the research study chosen for NKIEO 	<p>PI or Co-PI or Site PI</p> <ul style="list-style-type: none"> ▶ Must be RN employed within the system ▶ RN Co-PI or RN Site PI must be employed at each participating entity within the system ▶ Implications of the research on each entity within the system must be addressed in the research study chosen for NKIEO

Note: Refer to the 2014 Magnet® Application Manual and the Magnet website for SOE language and requirements for the SOE referenced above.