**Baxter Regional Medical Center** is doing great work on their journey to become a Magnet designated hospital. We wanted to share with you an abstract from a recent Replication Study they have completed and the results. As we all work towards the best outcomes for our patients, staying informed and paying attention to the evidence is key. Great job Baxter Regional Medical Center! See the abstract below:

**ABSTRACT**

**Study Dissemination:** A replication research study by Co-Investigators, JoAnna Dean, MSN, MBA, B.Ed. – Director Clinical Excellence/Magnet Program Director and LeighAnn Dowling, BSN, RN – Chair Research and EBP Council, Clinical Analyst II, Clinical Informatics. The Baxter Regional Medical Center (BRMC) Nursing Division employs both investigators. Clinical nurse contributor was Kim Komorn, BSN, RN, CGRN – CoChair Research, EBP, PI Council.

**Title:** Replication Study: Nurses’ perception of evidence-based nursing practice

**Background:** BRMC nursing is on the Magnet Journey to Excellence and Magnet requires ongoing nursing research. We conducted our first study in 2017 and recently analyzed the data with findings, conclusions, and recommendations ready for dissemination.

In the beginning, the Research Council of Shared Governance reviewed the literature on evidence – based practice. Sherry Evans, MSN, RN, CNOR – Perioperative Educator identified an opportunity to replicate a study that fit our nursing population. The original research sample had a higher proportion of BSN+ prepared nurses. The original authors suggested the sample might have created bias towards nurses who feel somewhat confident in their EBP knowledge and skills (Koehn, 2006). Our study sample included all BRMC RN education levels, notably comprised of 70.6% Diploma/ADN nurses.

**Aim:** The study aim asked whether EBP use, knowledge/skills, and attitudes might be related to formal education.

**Methods:** The IRB approved expedited study had a descriptive, cross-sectional survey design using a psychometrically-validated measure of evidence – based practice (Upton, 2006). All Registered Nurses (n = 504) employed by BRMC were asked to complete the questionnaires. The final response rate was 41% (n = 209) with Diploma (5.5%), Associates’ (54%), and Bachelors’ (40.5%).

**Findings:** The study revealed two significant findings (Franklin, 2018):

* The BSN+ nurse knowledge/skills related to EBP were significantly higher than the Associate Degree nurse as evidenced by the statistically significant ANOVA test on the knowledge scale: F(1,153) = 7.13, p=0.008.
* As in the original study, the BSN+ group demonstrated statistically higher scores in attitude toward EBP in comparison with the ADN group.

**Conclusions and Implications:** The BSN+ nurses’ knowledge and attitudes toward EBP was significantly greater than the Associate group. The ADN prepared RN might not know the meaning of EBP as related to their patient care, treatment, and services. Whereas, the BSN+ nurse is probably more apt to consider and reference EBP in daily work, a habit or preference representing excellence in professional nursing practice.

**Recommendations:**

* Identify and implement a plan for building and sustaining an EBP culture (Gallagher – Ford, L., 2018).
* Further educate and train the rationale for EBP, how to access evidence, and how to identify and solve clinical and non-clinical problems using EBP.

**References:**

Koehn, M. & Lehman, K. (2008). Nurses’ perceptions of evidence-based nursing practice. Journal of Advanced Nursing 62(2), 209-215.

Gallagher – Ford, L. (2018). Making evidence – based practice a reality in your organization. The Fuld Institute for EBP, Ohio State University Press, Columbus: OH.

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Upton D. & Upton, P. (2006). Development of an evidence-based practice questionnaire for nurses. The Journal of Advanced Nursing, 54, 454 – 458.