



## Factors Influencing the Development of Evidence Based Practice: Survey of nurses at a tertiary care center of excellence

Gurdeep singh

*Pakistan kidney liver institute and research center, Department of Research, Pakistan*

### Abstract:

Evidence based practice demands practitioners to identify the best evidence on all areas applicable to clinical decision-making. Ministry of health in several countries decided that the health care system should be based on evidence based practice. By overcoming the identified barriers evidence based practice can be more successfully implemented and patient's prognosis rate can be improved. It was cross sectional study design and data was collected between 20 March to 20 April 2019 By using "Developing evidence based practice questionnaire" (DEBP). Data includes in DEBP, source of information which supports evidence based practice (EBP) self-reported skills for managing evidence based practice and potential barrier which are involved in EBP among nursing staff of Pakistan kidney liver institute and research center. Among nurses' profession, almost 90% of nurses used their experienced-based knowledge collected from their own observations, and one of the major barriers to EBP was short of time to practice EBP. However, factors like highest level of education are highly associated with evidence based practice to interpret research finding for their own practice ( $p$ -value $<0.001$ ) and understandings of statistics in EBP ( $p$ -value $<0.001$ ) was also associated with level of education highest level of education is also associated to overcoming of barriers ( $p$ -value 0.02). EBP is highly influenced by changing educational strategies with respect to the type of clinical area where worked ( $p$ -value $<0.001$ ). Age of nurses, level of education, numbers of years of receiving last health professional degree, are positively associated with the use of resource to implement the EBP on the clinical area and also with self-reporting for associated barriers of EBP. Research skills and finding of different sources for evidence based practice were in positive association with EBP and reciprocally associated with the barriers associated with evidence based practice.

Nurses had strong belief in evidence based nursing they believed due to EBP patients prognosis will improve up to high extent. But unable to keep up to date with the current literature and understanding with the result of statically analysis. more important due to high workload and short time, unable to focus on EBP.

### Biography:

Gurdeep singh is a registered nurse in King Fahad Hospital Madina, Saudi Arabia. His passion is providing care with complex health conditions. He holds a Bachelor's Degree in nursing and a



Master's degree in nursing. He has been involved in research work with Pakistan kidney liver institute and research center. He has been involved in many projects with the research department of Pakistan kidney liver institute and research center.

### Recent Publications:

1. Gurdeep singh et al; Schmidt, J. M. (2009): Evidence-based practice for nurses. Sudbury: Jones and Bartlett Publishers.
2. Gurdeep singh et al; Schmidt NA, Brown JM. Evidence-based practice for nurses: appraisal and application of research. 2nd ed. Burlington: Jones & Bartlett Publishers, 2014: 3-32.
3. Gurdeep singh et al; (AHRQ) Agency for Healthcare Research and Quality (2006). National health care quality report. Rockville, MD: AHRQ.
4. Gurdeep singh et al; Medical Education During the COVID-19 Pandemic: A Single Institution Experience, 2020 May 4.
5. Gurdeep singh et al; Canadian Health Services Research Foundation (2005): Leveraging Knowledge: tools & strategies for action. Report of the 7th CHSRF Annual Invitational Workshop, Montreal, Quebec; March 3.
6. Gurdeep singh et al; Tang CJ, Chan SW, Zhou WT, Liaw SY. Collaboration between hospital physicians and nurses: an integrated literature review. *IntNurs Rev.* 2013; 60(3): 291-302.
7. Gurdeep singh et al; Majid S, Foo S, Luyt B, Zhang X, Theng YL, Chang YK, et al. Adopting evidence-based practice in clinical decision making: nurses' perceptions, knowledge, and barriers (EC). *J Med Libr Assoc.* 2011; 99(3): 229.
8. Gurdeep singh et al; Brown SJ. Evidence-based nursing: the research-practice connection. 3rd ed. Burlington: Jones and Bartlett Publishers, 2013: 241-60.

### 5<sup>th</sup> Nursing Research and Evidence Based Practice Conference

**Citation:** Gurdeep singh; Factors Influencing the Development of Evidence Based Practice: Survey of nurses at a tertiary care center of excellence; *Nursing Research* 2020; April 17, 2020; Singapore City, Singapore.