

## Introducing New Implementation of Bar-Code System

Noora Abbubaker,  
Dubai Health Authority, Nursing Education Unit, UAE



### Abstract

Implementation of barcode system in such hospital had substantial effects on change by improving the process of medication administration and reducing the occurrence of medication administration mistakes (Seibert et al., 2014).

In public hospital, the trial had taken place and found the significant result before and after implementation of the new system and how this technology improved the hospital management performance (Seibert et al., 2014).

Enhancing patient safety by applying new technology system in healthcare settings in dropping the medication error and accumulative the timeframe and accurateness of drug documentation (Pereira et al., 2014).

Different public health in Canada was leading a project to assess the effectiveness of barcode scanning the termination date and the code number of vials before administration to a patient (Pereira et al., 2014).

Therefore the result was beneficial in cost cutting, better performance, minimizing the medication administration error and increasing the quality of patient care (Pereira et al., 2014).

The implementation of barcode medication administration in Hospital A was one of the most significant decision making in improving the excellence of patient care. The main aim will be conducting a post-survey to address the improvement of the patient safety by implementation of barcode medication administration system as well as to address the employees perception by implementation of new technology changes in the hospital A in 2017-2018.

The Objective will be:

1- By February 2018, 80% of patient safety improvement with new system implementation of barcode medication administration system in the hospital A.



### Biography:

Noora Abdulmajid from Dubai UAE, Graduated from University of Sharjah, Medical & Health Science Colleges Bachelor of Nursing, 2010. Joined Dubai hospital in 2011 as a new graduated Emirati nurse. My Career Objectives to work in a progressive organization where I can apply my technical, communications, and interpersonal skills in order to achieve high levels of professional growth

### Speaker Publications:

1. "The association between patient-reported readiness for hospital discharge and outcomes in patients diagnosed with anxiety disorders: A prospective and observational study"; J Psychiatr Ment Health Nurs. 2020 Aug;27(4):380-392. doi: 10.1111/jpm.12592. Epub 2020 Feb 24
2. Accurate and Real-Time 3-D Tracking for the Following Robots by Fusing Vision and Ultrasonar Information, IEEE/ASME Transactions on Mechatronics, Year: 2018 | Volume: 23, Issue: 3

[27th International Congress on Nursing and Primary Health Care](#); Webinar- August 31-September 01, 2020.

### Abstract Citation:

Noora Abdulmajid, Introducing New Implementation of Bar-Code System, Nursing 2020, 27th International Congress on Nursing and Primary Health Care; Webinar- August 31-September 01, 2020 (<https://physicalchemistry.annualcongress.com/abstract/2020/ionic-liquid-green-synthesis-of-co2-nanorods-and-nano-cubes-investigation-of-the-shape-dependent-on-catalytic-performance>)