

Informatics and Nursing Sensitive Quality Indicator

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Greetings! Hello, my name is Monari Sylvia, I would like to welcome you to this presentation on the importance of nursing-sensitive quality indicators. . I have come to explain the hospital's and our overall use of Nursing Sensitive Quality Indicators (NSQIs) and the National Database of Nursing Quality Indicators (NDNQI) as the basis for monitoring the quality of nursing care in our healthcare organization.

What are NDNQI and the Nursing Quality Indicators

In the current healthcare system, how can the performance of individual nurses be evaluated? The healthcare business is not complete without nurses. Nurses play a key role in providing high-quality, person-centered care to patients and ensuring them get the best outcomes possible. Nurses' abilities directly impact the well-being of their patients. Nurses need access to data on patient outcomes so they can deliver better care. Improving quality begins with gathering accurate information. Nurses who review care based on quality indicators may be able to improve results for their patients. Using quality indicators and performance metrics, nursing care may be assessed, and then compared to the care that is provided by other institutions of a similar size (Koch et al., 2022).

National Database of Nursing Quality Indicators

The American Nurses Association (ANA) launched the National Database of Nursing Quality Indicators (NDNQI) in 1996 as part of its Safety and Quality Initiative. Better patient care may be achieved via the implementation of the National Nursing Quality Improvement Initiative (NDNQI) in hospitals (Barchielli et al., 2022). These statistics are illuminating because they show a direct connection between the number of staff members, the quality of care provided to patients, and their health results. Many checks and balances are in place to ensure that data and reporting are being compared in the same way each time (Sullivan et al., 2022). It is possible that your business, division, or service may be evaluated based on how well it performs in comparison to others in its

industry or to national norms. According to Koch et al. (2022), nursing sensitivity indicators reflect not only the organization, procedures, and results of nursing care but also the nursing profession itself.

The amount, quality, and degree of education of the nursing staff all contribute to the level of care given to patients. The results achieved by those under a nurse's care. The incidences such as patient falls, nosocomial infections, nursing staff turnover, and nursing education and certification are all factors that get particular attention from nurses. Using the information presented on this page, you will be able to avoid getting catheter-associated urinary tract infections (CAUTIs). When questioned about the different forms of HAIs, the majority of hospitals report CAUTIs. In spite of attempts to improve the overall quality of therapy, the most recent data indicates that 560,000 persons are diagnosed with CAUTI each year (ANA, n.d.). There is a snowball effect caused by CAUTIs that increases hospital stays, sickness rates, and overall healthcare expenditures. Increases in CAUTI rates pose a threat to patients. There should be a strong emphasis on preventing CAUTIs (ANA, n.d.). When it comes to preventing CAUTIs, the nurses at a hospital are your greatest choice. Because CAUTIs are strongly linked to the standard of nursing care, nurses have a responsibility to treat them.

Interview

In qualitative research, interviews with participants are a popular means of gathering information. Interviews may be a great way to spread in-depth information about a topic. There are a number of factors, including the researcher's methodology, the nature of the research problem, and the personalities of the interviewees, that might influence the format chosen for an interview. While face-to-face meetings are always ideal, distance sometimes make it necessary to conduct interviews over the phone instead.

I decided to interview the hospital's Infection Control Nurse for the sake of my inquiry. At this facility, CAUTI data is collected weekly via nursing unit reports and chart reviews. By

perusing the patient's medical history, the Infection Control nurse may learn important details, such as the time and location of any Foley Catheter insertions. The nurse in charge of infection control warns that reviewing the records might take a long time if they are not complete and accurate (CDC, 2019). It is important to proceed with caution while trying to make sense of unfinished CAUTI data. The floor nurses' thorough patient records are an essential part of the data collecting process. Management, the risk management team, and the divisions over which the executives have authority receive reports on a monthly and quarterly basis.

Collecting and Reporting Data

The term "data collection" refers to the act of systematically reviewing, collecting, and analyzing data from several unconnected sources. Data is an essential tool for registered nurses. Information utilized by nurses includes vital signs, test results, and assessment scores, to name a few examples. The ability to collect and analyze data is fundamental for making sound medical judgments. Now more than ever, researchers from all fields need to collaborate to make the most of the abundant data at their fingertips. The multidisciplinary team is accountable for checking the data for completeness and correctness. Patient safety, treatment outcomes, and quality improvement should all benefit from improved data collection and analysis (Shadle et al., 2021).

Improving Care through Quality Indicators

Nursing homes offer wildly varying levels of care and safety. Doctors may assess the quality of care they deliver using nursing-sensitive measures and make modifications to improve patients' long-term outcomes. Information acquired from nursing-sensitive indicators may be used by healthcare organizations to evaluate how their operations are faring in comparison to other healthcare organizations of a similar size, location, and other features. By creating criteria and making decisions based on comparisons of patient data, healthcare institutions may improve the quality of treatment they give. Using nursing-sensitive indicators, hospitals can quickly identify problem areas and implement preventative actions.

Practice Guidelines

Quantitative measures of the effect of care provided by nurses on patient health are known as nursing-sensitive quality indicators. You may easily compare your numbers against those of your colleagues in the healthcare profession by using the National Database of Nursing Quality Indicators. But knowing is just half the fight. If we want to boost productivity, improve quality, and create evidence-based practice, we need a system to really utilize the data we acquire. Once problems with patient care and outcomes are detected, the organization may conduct an investigation into and attempt to resolve the underlying reasons of such problems. Quality indicators that are relevant to nursing may be examined from a number of angles, including their construction, implementation, and results. Hand-washing, sterile procedures, and correct technique might all be affected by the results of the investigation.

Keeping comprehensive data on patient outcomes linked to the quality of nursing care is essential in general and emergency care. Despite this, it is crucial to conduct a comprehensive analysis of factors of interest to nurses. It is critical to understand the link between the cost of medical treatment and its effectiveness, since nurses make up the majority of the healthcare staff and utilize a substantial percentage of the health budget. An international strategy to improve care quality includes recruiting and keeping more registered nurses (RNs) (Barchielli et al., 2022). However, in other areas of the world, low-wage staff assistants have replaced professional nurses.

Conclusion

Using quality indicators with a focus on nursing, we may evaluate how well patients are being treated. The outcomes of our patients are profoundly affected by the quality of care provided by our registered nurses. Patients have faith that their healthcare providers will provide them effective, safe care that will speed their recovery. Due to the growing complexity of the healthcare system, vigilant monitoring of nursing care to avoid patient injury is essential.

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