

The implementation of PDCA (Plan-Do- Check-Act) Management Mode in Nursing

Hulya Kocyyigit

Sivas Cumhuriyet University Turkey

Abstract: PDCA (plan-do-see-check-act) management is a quality management model that originated in the 1920s. Walter A. Shewhart proposed the concept of “plan-do-see” (PDS). then W. Edwards Deming, an American quality management expert further developed the “plan-do-see-check-act”(PDCA) cycle. The PDCA cycle, also known as the Daiming cycle and “quality loop”, is a repetitive four-stage model for continuous improvement in quality management. In this management process: plan, do, check, action, and the cycle goes on and on. The “plan-do-see-check-act”(PDCA) cycle, is an effective way to solve problems and implement solutions. The sequence is set out as (I) Plan stages: find, describe, and dissect problems; (II) Do stages: study and discuss effective countermeasures; (III) Check stages: test the specific implementation effect of protocols and analyze whether there are methods and measures for improvement; The third step “check” is the key element for successful teaching in this method.(IV) Act stages: specifically apply the scheme to clinical practice. Traditional routine care has been unable to meet the needs of current diagnosis and treatment service management and the PDCA cycle management method has been used widely as an important approach to improve the quality of care in clinical practice. When the students are practising, they learn from their own mistakes by self-verification and through assistance. After implementation of PDCA management mode, it can make the nursing care procedure more standardized, effectively avoid nursing care risks, beneficial to reduce the risk of nosocomial infection, enhance the awareness of infection control, change the patients’ bad behaviors, reduce postoperative infection, accelerate the patients’ recovery, and improve the patient’s activities of daily life. Therefore, PDCA management mode has a high clinical promotion value. Also applying the PDCA cycle management method as a nursing model improves patients’ perceptions of the quality of nursing services. In recent years, some studies have proposed applying the Plan-Do-Check-Act (PDCA) cycle management in nursing education and various types nursing practice. In conclusion, it should be adopt the PDCA cycle to identify the problems, propose reasonable and effective suggestions, and implement continuous improvement, so as to improve nursing education and ensure the quality and effectiveness of the nursing care.

Biography

Hulya Kocyyigit is currently working as Research Assistant at the University of Sivas Cumhuriyet, Turkey. She graduated from the Department of Nursing, Faculty of Health Sciences at the University of Sivas Cumhuriyet in 2015. She graduated a Master’s degree in from the Department of Fundamentals of Nursing at the University of Sivas Cumhuriyet in 2018. She has currently been PhD student in the Department of Nursing at the University of Sivas Cumhuriyet since 2019.