

## Efficacy of Educational Program on the Performance of Internship Nursing Students Regarding Electronic Fetal Monitoring

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**Abstract :** Background: Electronic fetal monitoring is an obstetric technology that helps to record any changes in fetal heart rate and uterine activity. The aim of this study was to determine the efficacy of educational programs on the performance of internship nursing students regarding electronic fetal monitoring in obstetrics and gynecology departments. Design: A quasi-experimental research design (pre- and post-test) was used. Sample: A convenient sample of all internship nursing students (180 internship nursing students) from the Faculty of Nursing at Menoufia University during the academic year 2022-2023). The instruments of this study were a structured, self-administered interview questionnaire consisting of two parts: the socio-demographic characteristics of the study participants and an assessment of internship nursing students' knowledge regarding electronic fetal monitoring (pre- and post-test). Observational checklist to assess internship nursing students' performance regarding EFM. Results: There were highly statistically significant differences between the internship nurses' students' knowledge and performance on the pretest and posttest. Conclusion: An educational program on electronic fetal monitoring carries a vital value for enhancing internship nursing students' knowledge and performance, which ultimately leads to improved maternal and fetal outcomes. Recommendation: Regular educational programs and workshops about electronic fetal monitoring should be encouraged for all maternity nurses and internship nursing students.

**Keywords :** educational program, internship nursing students, performance, efficacy

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