

ABSTRACT

The Effect of Website-Based Health Education on Reducing Anxiety Levels in Patients Pre-Installing a Double Lumen Catheter (CDL). Nabila Alya Bhatari (2024) Thesis, Undergraduate Applied Nursing Study Program, Nursing Department, Health Polytechnic of The Ministry of Health Malang. Supervisor: Maria Diah C, S.Kep., Ns., M.Kep., Sp.KMB and Supono, S.Kep., Ns., M.Kep., Sp.KMB

Catheter Double Lumen (CDL) installation give impact on patient's condition, including anxiety. Nursing intervention to reduce anxiety is health education. Research aims to determine the effect of website-based health education on reducing anxiety levels in patients before installing CDL. This research is quasy experimental using two group pretest-posttest design to compare patient anxiety before and after being given health education. Samples used 36 respondents obtained using purposive sampling. Data collected by filling out questionnaire then analyzed using Wilcoxon and Mann Whitney tests. Before being given website-based health education, most respondents experienced moderate anxiety and after being given, most respondents experienced mild anxiety. Wilcoxon test analysis p-value = 0.000 ($p < 0.05$). Mann Whitney test analysis of anxiety levels after health education obtained p-value = 0.023, means there is significant difference in anxiety levels between treatment group and control group. There is an effect of website-based health education on reducing anxiety levels in patients before installing CDL. Website is complete information system that is effective in reducing anxiety levels because it can be accessed quickly, anywhere and anytime. Suggestions for further research are to analyze the factors that affect anxiety levels in patients before installing CDL.

Kata Kunci : Anxiety, Health Education, Catheter Double Lumen