

Article Analysis 2

Article Citation and Permalink (APA format)	Article 1	Article 2
Point	Description	Description
<b>Broad Topic Area/Title</b>	<p>Chan, H. Y., Chang, H. C., &amp; Huang, T. W. (2021). Virtual reality teaching in chemotherapy administration: Randomised controlled trial. <i>Journal of Clinical Nursing</i>, 30(13-14), 1874-1883.  <a href="https://doi.org/10.1111/jocn.15701">https://doi.org/10.1111/jocn.15701</a></p>	<p>Win, M. M. T. M., Fukai, K., Nyunt, H. H., &amp; Linn, K. Z. (2020). Hand and foot exercises for diabetic peripheral neuropathy: A randomized controlled trial. <i>Nursing &amp; Health Sciences</i>, 22(2), 416-426. <a href="https://doi.org/10.1111/nhs.12676">https://doi.org/10.1111/nhs.12676</a></p> <p>Hand and foot exercises for diabetic peripheral neuropathy.                      Diabetes peripheral neuropathy is a common condition in diabetic patients. Exercises are a controversial issue in diabetic neuropathy due to the effects of weight exertion. This study aimed to evaluate the impact of hand and foot exercises on the severity of DNP and its effects on activities of daily living</p>
<b>Define Hypotheses</b>	<p>The hypothesis was not stated:                      H<sub>0</sub> Virtual reality (VR)-based documents do not improve knowledge and attitude towards chemotherapy administration</p>	<p>The hypothesis was not provided:                      H<sub>0</sub>- Exercises have no significant effects on DNP severity in diabetic patients</p>

	H <sub>1</sub> virtual reality (VR)-based documents (VRdocs) positively impact nursing students' knowledge and attitude towards chemotherapy administration.	H <sub>1</sub> Exercises improve decrease DNP severity and improve activities of daily living performance in diabetic patients
<b>Define Independent and Dependent Variables and Types of Data for Variables</b>	<p>Independent Variables:</p> <ul style="list-style-type: none"> <li>Virtual reality (VR)-based documents (VRdocs)</li> <li>Education documents</li> </ul> <p>Dependent Variables:</p> <ul style="list-style-type: none"> <li>Nursing students' knowledge of chemotherapy administration</li> <li>Nurses' attitudes towards chemotherapy administration</li> </ul>	<p>Independent Variables: usual diabetes care, education, and exercises</p> <ul style="list-style-type: none"> <li>usual care and diabetic foot care education</li> <li>usual care and diabetic foot care education and exercises</li> </ul> <p>Dependent Variables: DNP quality of life</p> <ul style="list-style-type: none"> <li>Background information</li> <li>Activities of daily living</li> <li>Pain</li> <li>Neurop[athy severity (physical functioning)</li> </ul>
<b>Population of Interest for the Study</b>	The population of interest were nursing students. The specific criteria for this study were older than 20 years with no known cognitive impairment to provide accurate information on attitude and knowledge	The population of interest are diabetic patients from outpatient diabetic clinics at four hospitals in the Yangon Region, Myanmar,
<b>Sample</b>	The study used third 77 third-year students at a medical university in northern Taiwan	<p>Patients attending either of the four clinics in the Yangon Region, Myanmar</p> <p>Total: 104</p>

	Intervention group n=38 Control group n=39	Intervention group (exercise group) n= 51 Control Group n=53
<b>Sampling Method</b>	Convenience sampling- the researchers in the study, used the whole population of third-yr students who met the required criteria: willingness to participate and no cognitive impairment	The researchers utilized a systematic random sampling method where they tested and confirmed diabetes neuropathy in every fifth client before recruiting them into the study
<b>How Were Data Collected?</b>	After randomization into the control and intervention groups, the researchers delivered various interventions and data on the intervention effects on outcomes collected using a self-administered questionnaire after seven days. The self-administered questionnaire tested the knowledge and attitude of the nursing students towards chemotherapy administration. The researchers then analyzed the data using the ANOVA test to examine the between and within different groups	The researchers collected data at 0 (pre-intervention), 8 (post-intervention), and 16weeks (follow-up stages).  The researchers determined changes in DNP (diabetes neuropathy) during each stage using physical examination and questionnaires in the local language. The study then employed various data analysis methods such as ANOVA, chi-square, and Cochran Q tests to analyze data from the different groups