

Evaluation and Instruments

Measures

The purpose of the project is to implement and determine the impact diet and educational packets have on patient dietary compliance. To know if this education is successful the project will ask patients to fill out a survey pre education and then evaluate one-month post education with a survey to evaluate if food buying/consuming habits have improved. The pre and post survey will consist of six quantitative questions to assess their change in knowledge and their change in their food buying/consuming practices.

Statistics

Most of our information gathering will be based on the Likert scale: strongly agree, agree, disagree, strongly disagree. After data collection we will conduct a t-test to determine the mean value for agree and disagree to develop a summated scale (Trochim, 2020). We will use Excel for data entry, allowing for easier analysis with t-tests. Then we will see if there is any significant correlation that exists to prove education was statistically significant in helping to improve dietary compliance and decrease changes of Mineral Bone Disease.

Data

Data will be collected by the study administrators via a short questionnaire that will be given to them during their dialysis session one month prior to education and one month after the education is implemented. The survey will consist of six questions with Likert scale questions and one open-ended question. The data collected will be anonymous with no patient identifiers on it to protect patient information. Participation is voluntary and only completed surveys will be

counted in data collection. Questionnaires will be kept on the person of study implementors until they can be transported and safely stored in the office of one of the two study administrators.