**Clinical Quality Audit**

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**Summary**

Missouri Baptist medical clinic has an out-patient surgical evaluation center. The medical facility always looks for ways to improve their quality of services. There is a project for quality improvement that collects many different data. There is a quality improvement project done at this time, and I participated in it. The project collects data about the kinds of precedes, medical status of the patient, referrals, insurance, and income sources, demographic of patients, number, and ages of patients. I collected some data about the number and age of the patient entered the out-patient surgical evaluation center in August. The data was categorized as patients who are under 18 years old, the patient who are 18-64 years old, Patients who are over the age of 64. I went through the admission of the month of august and collected this information. The finding was 31 patients over 64 years old, 149 patients between 18-64, and the four patients under 18 years old—other team members were responsible for collecting the other data.

The project can be useful and beneficial for quality improvement in many different ways. This kind of data is essential because it can help show that providing medical nutrition in the out-patient surgical center can help to improve the quality service of the facility. Providing medical nutrition services for patients will enhance the outcome of the patient health status. Collecting these data will help in knowing the population that comes to the facility. Understanding the population will help better serve them. After collecting the ages of patients who visited the facility, we find out that there are only four patients under 16 years old came in the month of August. This is a piece of important information related to the pediatric clinic. When the facility wants to expand its services to serve the pediatric clinic patients better, they need to provide services that need in the pediatric clinic and promote for the out-patient surgical clinic.

Data about referrals is also collected in this project. This data can help in expanding the referral, which can extend the service of the facility. The source of income is another part of the data that is collected to that can help in expanding the services. Data about the kind of insurance that the patients use when coming to the facility can help get a better understanding of the population's socioeconomic status.

Another benefit of this project is using these data for policies and advocacy. The statistic is always helpful to support a low or policy. Showing data about the medical nutrition service is a medical facility that can provide good information to help in policy-changing patient health improvement when using the medical nutrition therapy is a great way to help advocate for improving the service provided by dietitians. Dietitians need to show data about the service quality and health outcome benefits when using medical nutrition therapy and part of the treatment of medical service. This can help in the process of advocating to protect the work position of many dietitians by showing the importance of the role of dietitians.

Knowing the population who is receiving the service can help in improving quality because the different population has different needs. The needs and consideration for the older population can be like protein supplements to heal the wounds considering patients with diabetes, kidney disease, malnutrition, and many other diseases related to aging. If they start considering providing service for younger children, they need to provide the kid-friendly environment and younger generation appropriate services. The project is still going, and more data is being collected. It was a great opportunity that I was part of this project. Collecting data is a way to improve the quality of the facility or project. It can be used for service improvement and creating police.

**Artifact**

The data from the out-patient medical patient files which cannot be included because it contains personal information.

Results

The number of patients visited the out-patient surgical evaluation center in the month of August where like the fooling:

Patient < 18 years old: 4 patients

Patient 18-64 years old:149 patients

Patient > 64 years old: 31patients