



REPORT ON SUMMER TRAINING

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1st year

Continuous quality improvement and its Impacts in healthcare organizations

ABSTRACT

- The research paper proposed the continuous quality improvement impacts in healthcare organization in this research paper there is review of literature on various studies related to this topic.
- Total quality management or continues quality improvement management studies describe the impacts and initiatives taken in the hospitals to improve the quality and patient safety outcomes and the clinical outcomes of diabetes and dialysis and CTAA impacts by the measures has been taken from the continuous quality improvement in hospitals.
- The data has been collected from the various articles and from the different platforms and the results which is evaluated is that the continuous quality improvement has positive impacts on the hospital organization and conclusion has been evaluated on the basis of the results and the suggestion are also b given on the basis of studies and literature reviews of the articles.
- Keywords: continuous quality improvement, quality management , impacts , outcomes , initiatives .

INTRODUCTION

- Total quality management is an important topic and issue in healthcare organizations it is also known as continuous quality improvement management i.e. hospitals from last two or three decades and there is also increased attention towards the quality is due to government policy and rules , and also due to the influence of the patient and customer . They propose four "distinguishing functions", which are often defined as the essence of good management which includes:
 - Empowering clinicians and managers to analyze and improve process;
- Adopting a norm that patient preferences are the primary determinants of quality and the term "customer" includes both the patients and providers in the process;
- Developing a multidisciplinary approach which goes beyond conventional departmental and professional lines; and
- Providing motivation for a rational data-based cooperative approach to process analysis and change

The purpose of this research is to provide a framework for impacts the continuous quality improvement management concept healthcare organizations and hospitals

OBJECTIVE

To study the continuous quality improvement and its impacts in healthcare organizations.

REVIEW OF LITERATURE

Title	Year	Authors	Study location	Sampling method	Silent features
Continuous quality improvement initiatives are very impactful related to quality and patient safety outcome .	2018	Karen Gardner,Beverly Sibthorpe, Mier Chan, Ginny Sargent , Michelle Dowden &Daniel McAullay	Detroit , USA	Qualitative method is used as sample , secondary data is been collected from different hospital .	•CQI inventiveness are very impactful associated to quality and patient safety outcome measures. •the data is collected from the nurses and hospital staff and patients. •CQI associated is positively impactful and associated with improved process quality, they are also higher hospital-acquired condition rates, a measure of patient safety.
Continuous quality improvement can improve glycemic control for HMO patients with diabetes.	1996	O'Connor PJ, Rush WA, Peterson J, Morben P, Cherney L, Keogh C, Lasch S	Europe	Quantitives study and comparative analysis and data is collected from the two different diabetic clinic .	•continuous quality improvement process has taken in clinic and the comparison has been taken from the another similar clinic where there is no process of continuous quality improvement . •that participation of nurses, physicians, and managers in a CQI process can improve patients' glycemic control in some health maintenance organization .one possible method which is impactful improve diabetes outcomes.
continuous quality improvement on clinical outcome in peritoneal dialysis	2014	Yusheng Yu, Yan Zhou. Han Wang, Tingting Zhou, Qing Li, Taoyu Li, Yan wu, Zhihong Liu, Pu	Winslow ,USA	Retrospective analysis and data is collected from the surveys and the registry of the hospitals .	•6 years of data from a hospital registry, the period between 1 July 2005 and 30 June 2008 provided data from before implementation of systemic outcomes monitoring. •Integration of a CQI process into a peritoneal dialysis program can significantly improve the quality of therapy and its outcomes.
Continuous Quality Improvement Initiative on Appropriate Use of Coronary Computed Tomography Angiography	2000	Kavitha M. Chinnaiyan, Patricia Peyser, Tauqir Goraya, Karthikeyan Ananthasubramaniam, Michael Gallagher, Ann DePetris, Judith A. Boura, Ella Kazerooni, Chad Poopat, Mouaz AlMallah, Souheil	Michigan , USA	prospective, observational study and data is collected from the 47 hospitals .	•Impact of a CQI Initiative on Appropriate Use of CCTA This prospective, observational study was performed with pre-intervention intervention and regular follow-up . •the application of a systematic continuous quality improvement and significance on possible loss of coverage were associated with a significant improvement
continuous quality improvement effort implemented by a network of diabetes clinics	2010	A.Nicolucci, M. .C Rossi , Arcangeli ,A. CiminoG. De Bigontina ,D. Fava ,C. Giorda ,I. Meloncelli ,F. Pellegrini U. Valentini G. Vespasian	USA	Observation study data is collected from the various diabetic clinic .	•the impact of a CQI initiatives are taken by a various of diabetes clinics operating in the national healthcare system. •. Also it will help in the high number of patient targets so the continuous quality improvement has positive impact or its very effective impact on the diabetic clinic.

METHODOLOGY AND DATA COLLECTION

- The research paper proposed has analytical study which is using qualitative method of study, the research design is based on the literature review and there are few articles has been studied for the research paper .
- The research has used secondary data for the interpretation of the results The secondary data is collected from the literature reviews and the health providers and patients and different healthcare organization and also from the Google scholar, pub med.
- Studies conducted in Indigenous PHC which demonstrated some combination of continuous quality improvement characteristics and assessed some aspect of implementation were included..The research paper is fully based on the secondary data. The method for the sample is used randomized sampling method.

RESULT

continuous quality improvement taken in hospital and the another study literature review has the evaluated the impact of a continuous quality improvement effort implemented by a network of diabetes clinics in which the data is taken from the anonyms hospitals and centre's in which the measures are taken of continuous quality improvement which is very effective and help in the increase in the patient target .

The table shows that the initiatives taken are positive and impactful in healthcare organization :

Continuous quality improvements impacts	Assessment involve	Sample taken from	Effects
On the patient safety and outcomes	Involve 149 hospitals	Nurses , staff and patients of the hospitals	Increase in the patient target number
On the diabetic	Involve two similar diabetic clinic	Feedback from the patient	Positive
On the peritoneal dialysis	Involves General physicians and nurses and patients	From the registry records of the 6 years	Positive
On the CTAA	Involve 47 hospitals	From the patient undergo compared test of AUG	Positive
Impacts on the clinic with diabetic network in NHS	Involve 18 diabetic clinic	From the routine check up and data of the blood pressure >100 patients	Number of patient increases and it is positive method.

. The results of different studies shows that the continuous quality management in healthcare is very impactful and its initiative are very

CONCLUSIONS

- The conclusion of the research paper is that the continuous quality improvement management has the positive impact on the quality in any of the organization and it also concludes that culture of any healthcare organization there is no relatively important for the continuous quality improvement management.
- The patient safety outcome it very effective and impactful and overall research paper concludes that the continuous quality improvement has the positive impact in the hospitals and the initiatives and measures which are taken are also very impactful for the quality of the hospitals .on the basis of the table that the impacts in different hospitals which takes initiative of continuous quality improvement have positive impact in there patient target and safety and quality .
- According to the literature reviews the different studies shows conclusion of the research paper that the data collection and the methodology used is on secondary data and the research paper proposed the various studied the research paper is based on the literature reviews and accordingly the result has been evaluated and the continuous quality improvement management has the positive impacts and in hospital the healthcare organization

REFERNECES

- A.Nicolucci, M. C. Rossi , Arcangeli,A. CiminoG. De Bigontina ,D. Fava ,C. Giorda ,I. Meloncelli ,F. Pellegrini U. Valentini G. Vespasian , published: 18 August 2010, Four-year impact of a continuous quality improvement effort implemented by a network of diabetes outpatient clinics, <https://doi.org/10.1111/j.1464-5491.2010.03055.x>
- Beverly Sibthorpe, Mier Chan, Ginny Sargent, Michelle Dowden & Karen Gardner, Daniel McAullay *BMC Health Services Research* , published 11 july,2018 , Implementation of continuous quality improvement in primary health care .,
- McFadden, Kathleen L.; Stock, Gregory N.; Gowen, Charles R. III January/March 2015 Leadership, safety climate, and continuous quality improvement Impact on process quality and patient safety . , volume 40, doi: 10.1097/HMR.0000000000000006

- O'Connor PJ¹, Rush WA, Peterson J, Morben P, Cherney L, Keogh C, Lasch S , published 01 Oct 1996 , Continuous quality improvement can improve glycemic control for HMO patients with diabetes. , 5(9) , DOI: 10.1001/archfami.5.9.502
- Solberg LI, Kottke TE, Brekke ML, Magnan S, Davidson G, Calomeni CA, Conn SA, Amundson GM Nelson AF (01 May 2000) Failure of a continuous quality improvement intervention to increase the delivery of preventive services. A randomized trial. 3(3):105-115
- Yusheng Yu, Yan Zhou, Han Wang, Tingting Zhou, Qing Li, Taoyu Li, Yan Wu, Zhihong Liu , Published June 1, 2014, Impact of Continuous Quality Improvement Initiatives on Clinical Outcomes in Peritoneal Dialysis , <https://doi.org/10.3747/pdi.2013.0012>

**THANK
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