

SYNOPSIS

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MBA HEM 1813

Title - A Study to Analyze the Follow-Up Compliance Among Retinal Patients at Sankara Eye Hospital, Coimbatore.

INTRODUCTION

Follow-up is crucial in treating retinal diseases, ensuring timely management and improved patient outcomes. Despite the importance of follow-up, however, most of the patients never come back, and this makes the disease get worse, causes vision loss, and adds to the healthcare burden. This research aims to investigate the reasons for poor follow-up adherence among patients with retinal conditions in the Outpatient Department (OPD) and Inpatient Department (IPD) at Sankara Eye Hospital, Coimbatore, and recommend strategic interventions to enhance compliance.

SCOPE OF THE STUDY

This study focuses on analyzing follow-up compliance among retinal patients at Sankara Eye Hospital, Coimbatore. It specifically includes patients diagnosed with retinal conditions who were advised to return for follow-up visits after their initial consultation or treatment. The study is confined to data collected over two months, using personal interviews conducted through a structured 22-question questionnaire.

The scope includes evaluating the rate of compliance, understanding the factors that influence patients' adherence to follow-up appointments, and assessing their satisfaction with the follow-up process, including communication, counseling, and service delivery. The findings aim to help identify gaps in patient adherence and suggest potential strategies to improve continuity of care in retinal services at the hospital.

AIM

A Study to Analyze the Follow-Up Compliance Among Retinal Patients at Sankara Eye Hospital, Coimbatore.

OBJECTIVES:

- I. Assess the compliance rate among retina patients**
- II. To evaluate patient satisfaction with follow-up care and their confidence in attending future appointments**
- III. To identify areas of improvement in the hospital's follow-up system.**

RESEARCH QUESTION

What is the follow-up compliance rate among retinal patients at Sankara Eye Hospital, Coimbatore?

HYPOTHESIS

There is a high follow-up compliance rate among retinal patients at Sankara Eye Hospital, Coimbatore.

STUDY DURATION – 17th March to 31st May 2025

STUDY AREA – RETINA DEPARTMENT

STUDY POPULATION – OP and IP Department follow-up patients

INCLUSION

1. Patients diagnosed with retinal conditions and advised to follow up.
2. Patients who gave informed consent to participate in the study.

EXCLUSION

1. Patients who underwent only emergency care without follow-up advice
2. Patients who refused to participate or did not give informed consent

STUDY DESIGN

A Cross-sectional Observational Study

RESEARCH APPROACH

This study adopts a quantitative research approach, aimed at collecting and analyzing measurable data to understand the follow-up compliance behavior among retinal patients at Sankara Eye Hospital, Coimbatore.

Structured personal interviews were conducted using a 22-item questionnaire, allowing for the collection of numerical data on patient demographics, visit patterns, reasons for non-compliance, and satisfaction levels. The responses were analyzed statistically using tools like Microsoft Excel and SPSS to identify trends, correlations, and areas for improvement.

SAMPLE SIZE – 104

SAMPLING TECHNIQUE - Convenience sampling was used in this study to include retinal patients who were readily available and willing to participate during their visit to the hospital. This method ensured equal representation of both OPD and IPD patients, making data collection feasible within the limited study duration.

DATA COLLECTION PROCEDURE

Primary data collection

1. **Personal Interview** – Primary data was collected through in-person interviews using a physical questionnaire. Additionally, a Google Form with a barcode printed on paper was provided to patients who preferred filling it out digitally. Each patient participated voluntarily after providing informed consent. This hybrid approach ensured flexibility and improved response accuracy.

DATA ANALYSIS – Microsoft Excel and SPSS

ETHICAL CONSIDERATION - All participants were informed about the purpose of the study and gave written informed consent before participating. Participation was entirely voluntary, and patients were assured that their responses would remain confidential and would be used only for research purposes. They were also informed of their right to withdraw at any time without affecting their treatment. The study followed all ethical guidelines applicable to research involving human subjects.

ANALYSIS

SPSS

The study will be segregated into 3 different parts of the objective, The first part will be to see the association and significance of the factors like Age, Gender, Income, occupation, Education Level, Counseling received, and Disease type of the patient, with the Last follow-up attended, and also the satisfaction level and confidence level of the patients to attend the follow-up on time.