

SYNOPSIS

Submitted By

DR. SIMRAN RANDHAWA

MBA (Hospital and Health Management)

Roll No.- 1844

Under the Supervision and Guidance of

Dr. Anupam Mehrotra

1. **TITLE:** Exploring Patient Experiences with Contraceptive Implants: A Cross-Sectional Study
2. **INTRODUCTION:** Contraceptive implants are a long-acting reversible contraception method widely used by women worldwide. They offer high efficacy, minimal user intervention, and long-term pregnancy prevention. However, despite their advantages, users may experience various concerns, including side effects, accessibility, and overall satisfaction. Understanding user experiences through systematic research is essential to improving patient education, service delivery, and policy recommendations. This study aims to gather patient feedback on contraceptive implants to identify trends, shortcomings, and potential areas for improvement.
3. **RESEARCH QUESTION:** What are the experiences, concerns, and satisfaction levels of patients currently using contraceptive implants?
4. **OBJECTIVES:**
 - To analyze the overall satisfaction level of patients using contraceptive implants.
 - To identify common concerns and challenges faced by implant users.
 - To assess the accessibility and ease of use of contraceptive implants from a patient perspective.
 - To provide recommendations for healthcare providers and policymakers based on patient feedback.
5. **HYPOTHESIS:** There are significant concerns and challenges among users of contraceptive implants that may impact overall satisfaction and continued usage.
6. **MATERIAL AND METHODS:**
 - **STUDY DESIGN:** A cross-sectional qualitative study.
 - **SETTING:** Patients currently using contraceptive implants in Jaipur and Udaipur regions of Rajasthan will be surveyed through telephonic interviews.

- **STUDY POPULATION**

- a) **Inclusion criteria:** Women who are currently using contraceptive implants.
- b) **Exclusion criteria:** Women who are not using contraceptive implants or who are unwilling to participate.
- c) **Study tools:** A structured interview guide will be used to conduct telephonic interviews, including open-ended and probing questions.

- **DURATION OF STUDY:** 31st March 2025- 18th April 2025

- **SAMPLE SIZE:** 150 patients. (10% of 1500 of the population)

- **SAMPLING TECHNIQUE:** Systematic random sampling method.

- **DATA COLLECTION PROCEDURE:**

- a) Eligible participants will be identified and contacted via telephone.
- b) Informed consent will be obtained before conducting interviews.
- c) Responses will be recorded and transcribed for qualitative analysis.

- **OPERATIONAL DEFINITIONS:**

- a) **Satisfaction:** The level of content expressed by patients regarding contraceptive implants.
- b) **Concerns:** Any issues, side effects, or barriers reported by users.
- c) **Accessibility:** The ease with which patients can obtain and maintain contraceptive implants.

7. DATA ANALYSIS PLAN:

- Qualitative data will be analyzed using thematic analysis. Trends will be identified and categorized based on patient responses.
- Common concerns and shortcomings will be highlighted.
- Suggestions for improvement will be derived based on patterns observed in responses.

8. ETHICAL CONSIDERATIONS:

- Informed consent will be obtained before conducting interviews.
- Participants' identities and responses will be kept confidential.
- Data security measures will be implemented to protect patient information.

9. IMPLICATIONS OF RESEARCH:

- The findings will help healthcare providers understand patient concerns and improve service delivery.
- Policymakers may use the results to design better contraceptive education and support programs.
- The study will contribute to the broader discourse on patient-centered reproductive health services.