

DISSERTATION

BEHAVIOURAL AND SOCIETAL ASPECTS OF PATIENT'S DROPOUT FOR IVF TREATMENT

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INTRODUCTION



BEHAVIOURAL AND SOCIETAL ASPECTS OF PATIENT'S DROPOUT FOR IVF TREATMENT-

- In this study, we delve into the factors that contribute to patient dropout in the context of in vitro fertilization (IVF) treatment. We explore both the behavioral and societal aspects that influence patients' decisions to discontinue their IVF journey. By understanding these factors, we aim to shed light on the challenges patients face and offer insights for improving patient support and outcomes in IVF treatment.



INVITRO FERTILISATION

In vitro fertilisation (IVF) is a process of fertilisation where an egg is combined with sperm in vitro ("in glass").

BACKGROUND

- Infertility and IVF treatment are influenced by behavioral and societal aspects.
 - Study observed 100 patients: 70 advised IVF, 30 recommended alternatives.
 - Out of 70 IVF patients, 33 booked for IVF treatment, 37 did not or dropped out
 - Follow-up identified societal and behavioral reasons for patient dropout.
 - Societal reasons: stigma, cultural beliefs, lack of support, limited awareness, societal norms.
 - Behavioral reasons: financial consideration, emotional stress, lack of progress, time commitment, unrealistic expectations.
 - Understanding these factors is crucial for improving support and treatment outcomes.
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INVITRO FERTILISATION



1. Ovarian hyperstimulation



2. Transvaginal oocyte retrieval



3. Egg and sperm preparation



4. Egg fertilization



5. Embryo culture for 2-6 days



6. Embryo transfer



7. Pregnancy

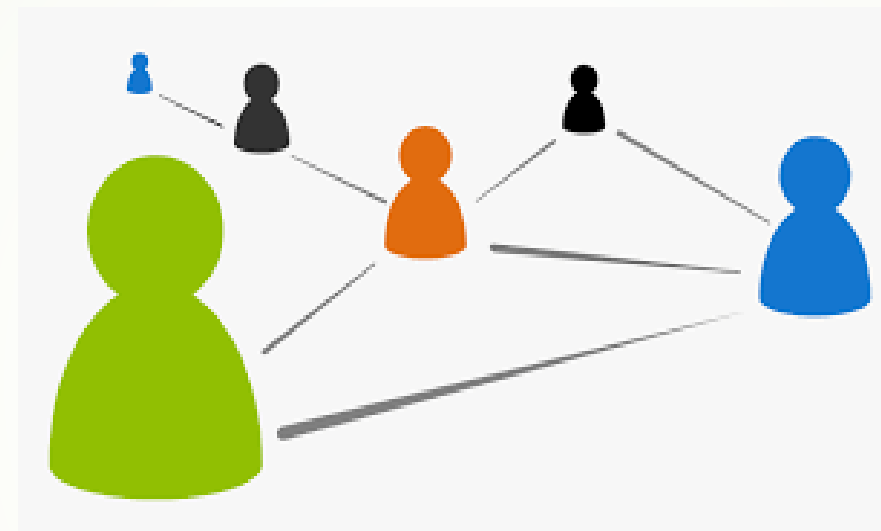
AIM OF THE STUDY

To investigate the behavioral and societal factors contributing to patient dropout in IVF treatment.

OBJECTIVES



To identify the behavioral factors that contribute to patient dropout in IVF treatment, such as financial constraints, emotional stress, unrealistic expectations, and lack of perceived progress or success.



To examine the societal factors that influence patient dropout in IVF treatment, including societal norms, cultural or religious beliefs, stigma, societal pressure, and limited support.



To propose strategies and interventions to mitigate patient dropout by addressing the identified behavioral and societal factors, aiming to improve patient retention, treatment outcomes, and overall patient satisfaction in IVF treatment.

MATERIALS AND METHOD

STUDY SAMPLE: 70 PATIENTS

SAMPLING TECHNIQUES: PURPOSIVE SAMPLING

STUDY LOCATION: ART FERTILITY CLINICS, Delhi

DURATION OF THE STUDY: 6 WEEKS (FROM 27TH FEBRUARY 2023- 10TH
APRIL 2023)



METHODOLOGY

- Data was analyzed through various methods such as the financial consent form, at the time of clinical and financial counselling of patient , camp visits, the patient was asked about their history of treatment, duration of marriage etc.
- Follow-up calls and messages done to collect the reasons of dropout .
- Due to more privacy concern of patient in IVF treatment- Name , MRN no. etc. are kept confidential.
- During the study 70 IVF advised patient's data was collected, among them 37 patient were in the dropout bucket,patient's data was obtained through purposive sampling and then the analysis was done on MS-Excel, based on the obtained behavioral and societal aspects.

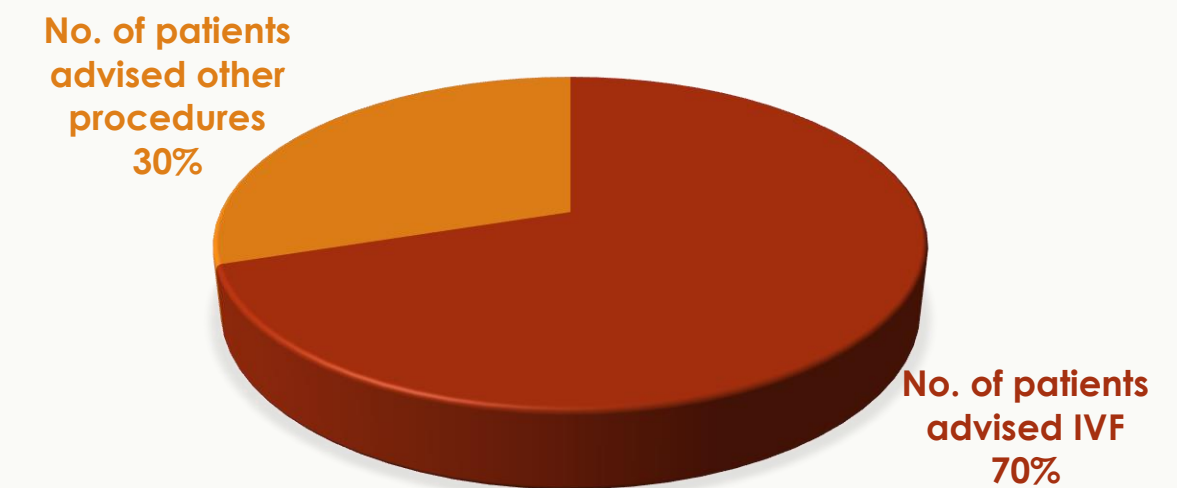
RESULTS

A sample size of **100** patients was taken, excluding 30 patients were advised Gynaecologist consultation, natural conceiving methods, age barriers and **70 PATIENTS** advised IVF treatment.

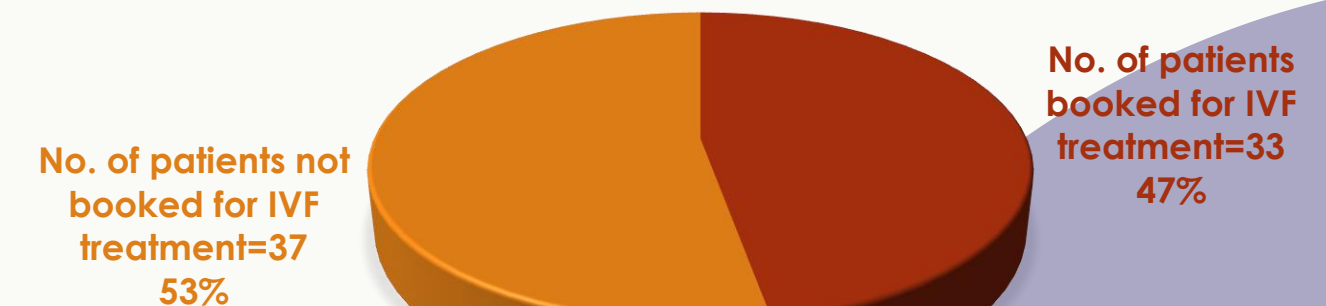
When classified 100 patients, 70 patients were IVF advised and 30 were not advised for IVF treatment.

Out of 70 patients, 33 patients booked for IVF treatment whereas 37 patients not booked for IVF treatment.

CLASSIFICATION OF PATIENTS AS PER CLINICAL ADVICE



CLASSIFICATION OF BOOKED AND NOT- BOOKED IVF PATIENTS OUT IVF ADVISED PATIENTS



Societal stigma and societal pressure was the main factor leading to treatment dropout.

International and Muslim patient seeks for self cycle rather than donor cycle.

Patient feels, IVF baby as a artificial child and are afraid to commit this to society.

❖ Only a few but significant societal reasons for dropout came into image through the study

Financial constraints as the main factor leading to treatment dropout.

Patients are more stressed about the IVF process as they think IVF treatment is pain causing , time consuming , financial burden and over expectation of success rates.

Lack of knowledge/ improper knowledge about the IVF process makes the

Patient Dropout Reasons	Number of Patients	Percentage
Stigma and Societal Pressure	6	35%
Cultural or Religious Beliefs	2	12%
Lack of Support	5	29%
Limited Awareness or Education	3	18%
Societal Norms and Priorities	1	6%

Dropout Reasons	Number of Patients	Percentage
Financial constraints	8	40%
Emotional stress and psychological burden	5	25%
Lack of perceived progress or success	3	15%
Time commitment and lifestyle disruptions	2	10%
Unrealistic expectations	2	10%

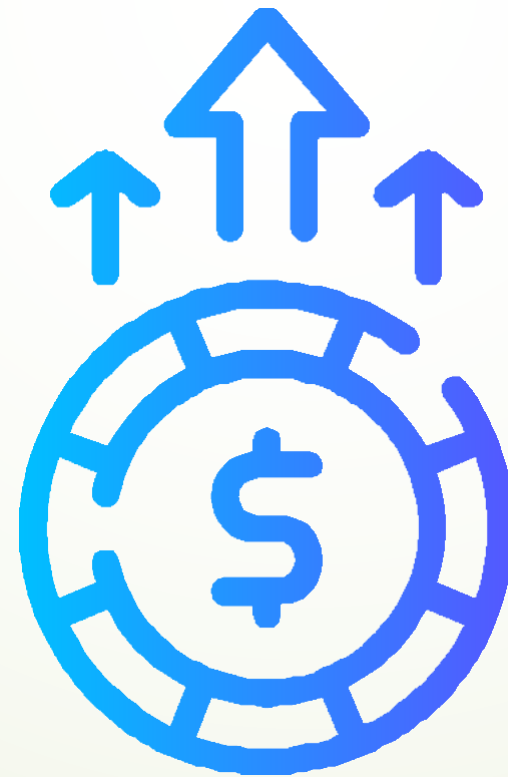
WHILE UNDERSTANDING THE BEHAVIOURAL AND SOCIETAL REASONS FOR NOT
AVAILING THE IVF TREATMENT SERVICES AT THE ART FERTILITY CENTRE,
PATIENTS QUOTED THE FOLLOWING REASONS:

❑ When followed-up with the patients at regular intervals, with the help of telephonic calls, WhatsApp messages, at the time of counselling, at the time of feedback, at the camps organized by ART Fertility, the following interpretation came-

- Financial constraints
- Need some more time to plan
- IVF is pain causing
- Needs abundant time
- Proximity of the center
- Came due to societal and family pressure to have baby
- Want IVF treatment but fear of society and reveal of identity
- Fear of extra charge by the clinic due to lack of knowledge

IMPACT OF THE STUDY

- Those patients who were facing financial issues in having IVF treatment, were 3 of them are converted to IVF when the discount was given them on the anniversary of the clinic.
 - These patients were followed up through calls and are dropout patients.





CONCLUSION

- **Proper financial and psychological counselling is to be done on the first visit of patient, as it is observed during the study that most of the patient have concern about the complications, time duration, cost, etc. of the procedure.**
- **Due to lack of Follow-ups for dropout patient can change their mind and awareness about discounts and new technologies, leads to dropout of patients.**
- **Societal fear about having the IVF treatment cause mental stress among the patients.**

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THANK YOU