

ORIGINAL ARTICLE

A Research Study on Molar Pregnancies, Treatment, Causes and its Effect on Human Body

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ABSTRACT

Aim: Pregnancies in which eggs and sperm did not join correctly with a certain position and further growth does not occur, this will be known as Moral pregnancy.

Methods: Moral pregnancy is considered as issue created in ovary of female where fertilization in a correct way does not occur and a times come when pregnancy ends and somehow, we called it as miscarriage. A study was held to check out the important highlights about moral pregnancies, its side effects and its outcomes. In this study, they measure the ratio of about 16,600 patients who was admitted. Here most of them was suffering with same symptoms in term of bleeding which determine that they have miscarriage.

Results: About 93.2% patients was suffering with bleeding issues and severe pain. Different tests performed on them to know the exact reason of their issues. Either sperms were weak or egg of women was weak.

Conclusion: Reason of occurrence of this type of fertilization. All of them was not coming for their regular checkup and was not taking proper treatment from gynecologists to solve their issues.

Keywords: Moral pregnancy, sonography, high risk group, missed periods, bleeding.

INTRODUCTION

As discussed earlier, molar pregnancy was considered as not proper development of embryo occur and pregnancy does not exist for so long and it goes to end [1]. Now thing to determine is that why this type of issues develop which leave serious outcomes [2]. They make a study to determine all aspects of molar pregnancy [3]. In South Asian countries, this issue is increasing day by day [4]. They make this study to note down the reason of miscarriage and under development of fetus [5]. Risks they are facing have hazardous effects or not [6].

METHODOLOGY

This study held in the Timergara Teaching Hospital Lower Dir at the department of Gynecology. Some records are not included in this study because they transfer these records to other hospitals.

This study held on 16,600 patients, they give their reviews and a proper study was held on them to overcome their issues. These patients were admitted in that hospital due to facing moral pregnancies and they also take their session for self-awareness of them to get safe for next time, in this way they will be able to overcome this issue and get rid of miscarriages. About 86 patients was those who was suffering with moral pregnancies. Some of them was facing other issues related to ovary and fertilization issues. This data is calculated and then move to next department for further results. Causes of poor development of fetus and not growing in uterus properly was diagnosed by some tests. Fetus heart tone was not developed or sonographers was unable to listen their heart beats. Proper development and fetus growth was not good. Their menstrual cycle was disturbed. They also check out their level of human gonadotrophic hormone in their bodies which will help them to calculate the best results about that. If fetus growth is not according to measurable scale and was under developed, many reasons and crisis arises which help to know the reason of molar pregnancy.

RESULTS

As it is noted that they visited the hospital where there were about 16,600 patients was admitted, but just 86 patients were suffering with molar pregnancy as if we calculate its ratio, then it will be about 5-6 patients from thousand who was suffering from bleeding. There were some reasons which was noticed during it as patients was having bleeding issues, vaginal discharge, missed periods etc.

Table 1:

	No. of cases	Percentage
Mole of hydatidiform	86	0.61% 6 patients/ 1000 Admitted patients
Income (Monthly)		
< 6,000	71	83.4%
6,000-10,000	15	17.4%
>10,000	2	1.2%
Parity		
0	32	37.5%
1-5	28	35.1%
6-18	26	28.4%
Cyst size		
Less than 5 cm	19	22.2%
>6 cm	16	18.6%
Detected (not)	53	62.2%
Uterus size		
Gestational age	11	12.7%
4-13 weeks	62	71.9%
>13 weeks	16	18.2%
Symptoms		
Bleeding	81	99%
Hyperemesis	86	93.2%
Amenorrhea	9	9.6%
Pre-eclampsia	11	12.8%
LMP		
< 9	5	4.8%
10-12	23	26.0%
14-20	52	47.8%
>20	19	23.2%
Hyperthyroidism	2	2.1%
Anemia	53	69.0%

Preeclampsia and hyper eclampsia were reported with different percentages as 20 % and 13%. They diagnosed different patients with their gonadotrophic hormone level and shown up their results. About 5-6 patients was diagnosed with the help of sonography and included in moral pregnancy.

Then after confirmation, they start checking their routine checkup that which type of medication and treatment are given to them and either they are satisfied with their treatment or not. They use different methods to clean their ovaries and increase bleeding level in the body which help them to get rid of this issue as soon as possible. Most of these patients was olde in their ages as they were between 39-41 of their ages. Type of specimens and

instruments which they used during their treatment were collected and examined. Bleeding cases was most common and was in range between 84% of total patients.

As per their condition, they separate out the patients in certain groups, as patients who was suffering with more severe issue, they put them in patients with high risk and some of them who was not feeling that much pain and was having early miscarriages, they put them into patients with low risk. Patients who was suffering with high risk of tumor and molar issues, they treat them separately and collect all their data to calculate the ratio of their risk and type of treatment given to them.

Table 2:

	No. of cases	%
Diagnosed utility		
Findings of sonography	73	80.8%
Beta HCG	86	99.9%
Histon-pathology	86	99.9%
Beta HCG Level		
< 51,000	13	15.1%
51,000-100,000	5	63.4%
>101000	21	24.5%
Modality of treatment		
Suction	63	73.9%
Oxytocin level	11	12.5%
Gladdens	13	15.1%
Otectomy	2	1.5%
Vaginal bleeding		
No	13	15.1%
Up to 1 n half week	61	71.6%
2-4 weeks	13	15.1%
>4 weeks	2	1.3%
Blood transfusion	86	99.9%
Temperature	23	26.8%
Pepsis	1	2.5%
Respiratory system	2	1.3%
Molar trophoblastic cleavage	1	2.5%
HCG		
Regression as sharp	67	95.5%
Regression as slow	3	2.8%
Rising up	2	1.5%
Plateau up	2	1.5%
Lower risk group		
Regression as sharp	4	21%
Regression as slow	13	81%

DISCUSSION

Study made to conclude the best results about molar pregnancy [7]. To check out why these types of issues are developing day by day [8]. To measure its answer, we use different terms as how this issue initiates, which type of treatment is needed and in how many days these patients get discharge from hospital and also get rid of this issue [9]. A study was held in Gyne Unit Timergara Teaching Hospital Lower Dir[10]. In this hospital about 16,600 patients were admitted and was taking proper medication to get rid of their issues [11]. About 86 patients or if we calculate another range, there will be about 5-6 patients from each thousand patients was suffering with molar pregnancies [12]. Now some patients from them were those who suffers with tumor stage and due to molar pregnancy, they were facing huge problems so they take them into separate groups because they were facing high risks of issues [13]. They give them treatment separately to stable their position [14]. About 71% patients were facing higher issues [15]. Different therapies were performed on these patients to give them self-awareness and also give them self-knowledge about their issues [16]. Higher risk patients give some more time to get resigned from hospital and move to their homes after treatment. Gynecologists ask them to come for regular checkup for at least 2.5 years to get better results [17]. In this way they will be able to get proper treatment and will have safe pregnancy for next time and will not face molar pregnancy in future after getting proper treatment [18]. If they will

not come for their regular check and will not take proper course for their treatment, again all these issues will arise.

CONCLUSION

In this study all points about moral pregnancies were highlighted and calculated all measurable results of this study to make conclusion that moral pregnancy is not like that as it is untreatable. Doctors ask to the patients to com for regular checkup because after regular checkup and proper treatment all type of issues will get resolved and no other issue will remain there. Here in this study, its reasons, treatment and outcomes are also mentioned and methods which they use or type of surgeries and test which they used for their treatment was also mentioned in the study. Some patients from them were those who did not come to doctors for their regular checkup from last years and they are facing moral pregnancies now. So, doctors give them precautionary measures after treatment and told them about their regular checkups are needed and they should come for their regular checkup and for tests to get well soon. Hospitals to solve these issues are available in all over the county so patients suffering from these issues can come to any hospital and to any gynecologist to get treatment of their issues. Few of them was facing hormonal issues and missed period, mostly patients with high risk was facing these issues and ask them for their proper treatment and medication.

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