

**Final assignment .**

**LOGICAL AND ETHICAL ISSUES IN NURSING .**

**NURS3200 - 1**

**" GENDER SELECTION "**

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**Introduction of the sex selection :**

Gender selection ( sex selection ) : It is an attempt to control the sex of the sons to reach the desired sex. This can be achieved in several ways, whether before conception of the fetus , It was marketed under the title Achieving Family Balance .

Gender selection is famous in countries such as Canada, China, India and Australia, and it costs from 4,500 to 22,000 dollars .

The method : mother is followed up and her ovulation period is known. The mechanism for determining the sex of the fetus is done by always taking an egg from the mother (X chromosome) .

As for the father, the sperm is taken from him (he is the one who determines the sex of the offspring) he gives the X chromosome, so the baby is female, and if he gives the Y chromosome so that the baby is male ,the egg is fused with the sperm, resulting in a zygote

Fertilization is done in the uterus directly or in vitro fertilization ( IVF ) of the egg .

Genetic screening technologies such as PGD and PGS, when combined with IVF therapy, have made it possible to reduce the risk of transmission of devastating genetic diseases, possibly reduce the risk of recurrent miscarriage, and possibly improve the odds of pregnancy success .

 Reasons for sex selection:-

1- Preference for sons over daughters in some families (a patriarchal society) .

2-  trying to reduce genetic disease , which are much more common in males or in females or problem Low fertility which increases the need for sex selection by reducing the probability of having a daughter in smaller families .

3- parents who already have one or more children of a particular gender may want to balance out their family with a child of another gender other .

**Discussion :**

**Dilemma:**

**Sex determination exhibitions**

**supporter of gender determination**

Lies support for the idea of determining sex

With regard to the desire of the parents to have a certain number of children while preserving the health of the mother from having many children

The idea is to agree on determining the sex of the children when they specify a certain number of children they want to have. Some couples cannot have children using traditional methods, so they resort to IVF, and this technique is expensive, so it is exploited in procreation and determining the sex of the newborn(، and this is according to the principal is justice and autonomy , justice because it is fair for them to have the same gender as other families, and in terms of autonomy they are independent in their decision in determining the sex of the child.

It could be a social issue related to societal sexual balance. The number of females in society is greater than the number of males (according to statistic 2021, the percentage of males is 49.55, and the percentage of females is 50.45). Some fathers concerned with social issues resort to working on this balance and taking care of procreation as much as possible, according to the principal being justice ..

Some families resort to determining sex because of the presence of a genetic disease that affects one of the sexes at a higher rate, for example, hemophilia, as it is a genetic disease that affects males at a higher rate , according to the principal being nonmaleficence

**The opposition:**

Giving the sperm and eggs (in case of fertilization outside the uterus) to the embryology laboratory for artificial insemination. The laboratory freezes the sperm and eggs in cases where the parents have poor fertility , Or if the parents request to keep them for another artificial insemination experiment, it is feared that these eggs or sperms will be leaked to other families who have problems with reproduction , Or that it is exploited for scientific experiments without the knowledge of the parents, or that it is sold by the parents themselves or the laboratories with or without the knowledge of the parents, which leads to problems in society such as mixing of lineages, an example that may happen. Brothers and his sister marry each other, thus increasing genetic diseases in society .

Another reason for opposition is to increase the proportion of one sex over the other in the same society when determining the gender , such as increasing the proportion of males in society over females, or vice versa, which leads to an imbalance in the structure of society, according to the principle is justice .

Another dilemma of gender determination is the perpetuation of the faulty assumptions about gender that keep men and women in their places and prevent progress toward equality and liberation from restrictive gender roles according to the principle is justice, .

Also, one of the immoral things in determining gender is that in some countries the autonomy of women is restricted by the man choosing the gender of the newborn .

In the process of determining sex, more than one fertilized egg is placed in the uterus, because may not all fertilized eggs will succeed (until at least one unit is fertilized) , In the event that all fertilized eggs fail, the family has lost a large amount of money (which it paid for the sex determination process), But in the event that more than one fertilized egg succeeds and a large number, for example, three or five eggs (i.e. three or five children), the family must raise all the children, and their number may exceed the family’s financial ability and ability to give all children their rights in general. of education, or give them the same amount of love and affection, and the family may have to kill a number of children who have been successfully fertilized while in the womb (abortion) , according to the principal is beneficence .

**Reference :**

1- <https://www.youtube.com/watch?v=U6MtXl-mjHI>

**2-** <https://www.cnyfertility.com/gender-selection/?fbclid=IwAR2so9yavzMCuD4vecDUb0c23VovAgmq-kzuHLnIF97hy-emdNkFT9_9lBI>

**3-** <https://www.ogmagazine.org.au/18/2-18/problem-sex-selection/?fbclid=IwAR3t_WwEf1HxJ_SEIa51dBCvxbdpTWpMo9oFsnSSSz8yl7hTsZhP51UwkIo>

**4-** [**https://almthali.com/41204/#lwptoc2**](https://almthali.com/41204/#lwptoc2)