MODELING CONCEPT OF AUTOMATED SYSTEM FOR HUMAN PENIS ERECTION, EJACULATION AND SPERM SAMPLING TECHNIQUE

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Abstract: Infertility is a common problem for both men and women. As men concern penis erection, ejaculation, sperm count and mobility are most common problems, among this penis erection and premature ejaculation are very affective problems. In order to find solution for these, the present testing methodology are not sufficient, so it is need to develop new technology to solve the problem. This paper is focused on the modeling of an automatized instrument which is helpful to andrology treatments, fertility treatments. Using this automatized instrument medical professionals will able to identified the problem and proceed to further action.

Keywords: Medical automatized instrument, Erectile dysfunction, Penile erectile technology, Natural methods, Sperm collection.

I. Introduction

In Current technology there are different types of artificial techniques available for finding penis erection along with two natural techniques for erection and to collect sperm. The artificial method to collect sperm for artificial insemination causes nerve and muscle problems in penis and lead to psychological problems. The penis erection problem cannot be detected directly with current technology. So it is require to develop new one. The proposed automatized instrument will overcome this.

II. Proposed System

A. Penis Erection Techniques

The proposed system pay way to find the solution to the problems in the present system. Before starting the examination, patient allows to stand in front of the instrument in bare position in a room which has been in possession of the proposed instrument. Then the patient under gone step by step examination. Sequenced as monitor shows porn stories, porn talks, pornography images and finely porn videos, simultaneously the patient penis is monitor by medical professionals through the video camera. When the penis is erected, the visual shows in monitor is stopped. Then penis length is measured if it is required. If penis is not erected, patient is consider as erectile dysfunction problem and carry out for the next stage of treatments.

B. Penis Ejaculation and Sperm Collection Technique

After erection allow the patient to insert the penis to the artificial vaginal system which is specially designed. It is made by soft material and flexible. The system is show in figure 1.

When penis inserted, it started to move front and back using masturbation technique. Then it lead to further action to make the patient to ejaculation the sperm and time is calculated, noted how long to time taken for sperm ejaculation. After sperm ejaculation, the system stopped automatically and collects the sperm in container which is sterilized and store the sample in 25°C. The multipara monitor which is connected with the patient start to work. When the patient has gone in to sexual feeling (sensual), patient data’s like ECG, hart rate, Spo₂, respiratory, B.P,
temperature in body are monitor and stored. It is use full for cardiac patient to diagnostic, whether they are eligible to marriage life and sexual intercourse. This system is useful for cardiologist to take decision. Figure 2 show the multipara monitor.

Using this instrument there is no harm for the patient and patients are not go in to psychological problems. When sperm is collected by this instrument there is no contamination. In the time of sperm collecting patient feel uncomfortable they use remote control to stop the system.

CONCLUSION

The proposed system is designed to diagnosing of erectile and ejaculation problems and collecting sperm. This system also is used for andrology, urology, psychology departments for different type of diagnostics applications. The same system may be used for various types of new medical researches, sperm bank and to collect sperm at any time. The Proposed system uses the modern digital technology, automatic control technology and simulation technologies, with semen collection and premature ejaculation desensitization training function.

REFERENCE