Possible role of female genital mutilation on female sexual functions

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ABSTRACT

The aim of this work was to detect if there is possible role of FGM (female genital mutilation) on FSF (female sexual function).

We used questionnaire of 50 items to assess FSF in different phases and some questions were related to FGM.

150 circumcised females and 50 uncircumcised females from Kasr ElAini Hospital gynecology department have answered the questionnaire by interview.

The results of study can be summarized as follows: there were no statistically significant difference in sexual functions between circumcised group and uncircumcised in all aspects of sexual functions that include desire, excitation, vaginal lubrication, orgasm, and occurrence of pain related to coitus. Also, there were no statistically significant differences in sexual function between type 1 circumcised females and uncircumcised females group in all aspects of sexual functions, but there were statistically difference between type 2 circumcised females significant uncircumcised females in difficulty in lubrication (P<0.04), and difficulty in reaching orgasm (P<0.003). Also with comparing type 1 circumcised females with type 2 circumcised females there were statistically significant difference between both groups in complications following circumcision operation (p<0.000), difficulty in lubrication (p<0.001), and difficulty to reach orgasm (p<0.01).

Key words: Female genital mutilation, female sexual dysfunction.

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CONTENTS

| | Pages |
|---|--------------|
| ❖ List of Tables | I |
| ❖ List of Figures | II |
| ❖ List of Abbreviations | III |
| ❖ Introduction | 1 |
| ❖ Aim of the work | 4 |
| Review of literature: Female genital mutilation Anatomy of the vulva Female sexual functions | 32 |
| ❖ Materials and methods | 58 |
| ❖ Results | 62 |
| ❖ Discussion | 84 |
| ❖ Conclusions & Recommendations | 99 |
| ❖ Summary | 100 |
| * References | 102 |
| ❖ Appendix | 122 |
| ❖ Arabic summary | 132 |

List of Tables

| Table | material & methods | Page |
|-------|--|------|
| No. | | No. |
| 1 | Demographic data of the study groups. | |
| 2 | Circumcision data. | |
| 3 | Desire pattern among studied group | |
| 4 | Arousal pattern among studied group. | |
| 5 | Orgasm pattern among studied group | 74 |
| 6 | Pain pattern among studied group | 78 |
| 7 | Comparison between type 2 circumcised females and | 80 |
| | uncircumcised females | |
| 8 | Comparison between type 1 circumcised females and type 2 | 82 |
| | circumcised females. | |

List of Figures

| Figure | Review of literature | |
|--------|--|----|
| No. | | |
| 1 | Type I Clitoridectomy | 8 |
| 2 | Type II Clitoridectomy | |
| 3 | Type IV Total Infibulation | 9 |
| 4 | Seven-Year-Old Sudanese Girl with Type IV Infibulation | 9 |
| 5 | FGM/C prevalence among women aged 15–49 | 14 |
| 6 | FGM/C prevalence in Egypt | 14 |
| 7 | Deinfibulation Procedure | 24 |
| 8 | Anatomy of the vulva | 32 |
| 9 | Neural supply of the female genitalia | 38 |
| 10 | Vascular supply of the female genitalia | 39 |
| 11 | The female sexual response cycle | 41 |
| 12 | Female Sexual Response Model | 45 |
| | Results | |
| 1 | residence | 63 |
| 2 | Education | 64 |
| 3 | Type of practitioner | 67 |
| 4 | Age of performing circumcision | 67 |
| 5 | complications following operation | 67 |
| 6 | Number of cases agreeing with circumcising their daughters | 67 |
| 7 | Husband's opinion about circumcision | 68 |
| 8 | Husband's opinion about circumcision | 70 |
| 9 | Frequency of Having sexual desire or interest | 70 |
| 10 | Practicing enough foreplay | 72 |
| 11 | The part which causes more excitation | 72 |
| 12 | Difficulty of lubrication | 73 |
| 13 | Difficult to become excited | 73 |
| 14 | Difficulty to reach orgasm | 75 |
| 15 | Frequency of reaching orgasm | 76 |

| 16 | Having Multiorgasm | |
|----|--|----|
| 17 | Having spontaneous orgasm | |
| 18 | How to reach orgasm | |
| 19 | 9 Faking orgasm | |
| 20 | Practice different positions | |
| 21 | Frequency of experiencing pain during or following vaginal penetration | 79 |
| 22 | Cause of the pain | 79 |
| 23 | Difficulty of lubrication between type 2 FGM and uncircumcised group | 81 |
| 24 | Difficulty to reach orgasm between type 2 FGM and uncircumcised group | 81 |
| 25 | complications following operation between type 1 and type 2 FGM | |
| 26 | Difficulty of lubrication between type 1 and type 2 FGM | 83 |
| 27 | difficulty to reach orgasm between type 1 and type 2 FGM | 83 |

List of Abbreviations

| APA | American Psychiatric Association. |
|--------|--|
| САН | Congenital Adrenal Hyperplasia. |
| DSM | Diagnostic and Statistical Manual of Mental Disorders. |
| FGC | Female Genital Cutting. |
| FGM | Female Genital Mutilation |
| FGM/C | Female Genital Mutilation/ Cutting. |
| FSAD | Female Sexual Arousal Disorder. |
| FSD | Female Sexual Dysfunction. |
| FSF | Female Sexual Function. |
| FSFI | Female Sexual Function Index. |
| G spot | Grafenberg spot. |
| NGF | Nerve Growth Factor. |
| UNFPA | The United Nations Population Fund. |
| UNICEF | The United Nations Children's Fund. |
| WHO | World Health Organization. |

Introduction

Introduction

Female sexual dysfunction (FSD) is defined as persistent or recurring decrease in sexual desire (hypoactive sexual desire), decrease in sexual arousal (sexual arousal disorder), dyspareunia (sexual pain disorder), and difficulty in or inability to achieve an orgasm (orgasmic disorder) (Basson et al., 2000).

FSD has a major impact on quality of life and interpersonal relationship. For many women; it has been physically disconcerting, emotionally distressing and socially disruptive (Safarinejad, 2006).

Traditionally, psychological and interpersonal factors have been thought to be primary in female sexual dysfunction (FSD), whereas male sexual dysfunction is most often attributed to pathophysiologic changes. However, the associated risk factors for both sexes are strikingly similar: peripheral vascular disease, cardiovascular disease, neurological disease, genital atrophy, genital surgery, endocrinopathies, liver or renal failure, sexual abuse, interpersonal factors and medications (Lightner, 2002).

Female circumcision, the partial or total cutting away of the external female genitalia, has been practiced for centuries in parts of Africa, generally as one element of a rite of passage preparing young girls for womanhood and marriage. Often performed without anesthetic under septic conditions by lay practitioners with little or no knowledge of human anatomy or medicine, female circumcision can cause death or permanent health problems as well

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as severe pain. Despite these grave risks, its practitioners look on it as an integral part of their cultural and ethnic identity, and some perceive it as a religious obligation (Althaus, 1997).

There are three basic types of genital excision, although practices vary widely. In the first type, clitoridectomy, part or all of the clitoris is amputated, while in the second (often referred to as excision), both the clitoris and the labia minora are removed. Infibulation, the third type, is the most severe: after excision of the clitoris and the labia minora, the labia majora are cut or scraped away to create raw surfaces, which are held in contact until they heal, either by stitching the edges of the wound or by tying the legs together. As the wounds heal, scar tissue joins the labia and covers the urethra and most of the vaginal orifice, leaving an opening that may be as small as a matchstick for the passage of urine and menstrual blood (WHO, 1996).

In the conditions under which female circumcision is generally performed in Africa, even the less extensive types of genital cutting can lead to potentially fatal complications, such as hemorrhage, infection and shock. The inability to pass urine because of pain, swelling and inflammation following the operation may lead to urinary tract infection. A woman may suffer from abscesses and pain from damaged nerve endings long after the initial wound has healed (Mustafa, 1966).

Infibulation is particularly likely to cause long-term health problems. Because the urethral opening is covered, repeated urinary tract infections are common, and stones may form in the urethra and bladder because of obstruction and infection. If the opening is very small, menstrual flow may be blocked, leading to reproductive tract infections and lowered fertility or sterility. One early study estimated that 20-25% of cases of sterility in northern Sudan can be linked to infibulation (Mustafa, 1966).

In addition, the amputation of the clitoris and other sensitive tissue reduces a woman's ability to experience sexual pleasure. For infibulated women, the consummation of marriage is likely to be painful because of the small vaginal opening and the lack of elasticity in the scar tissue that forms it. Tearing and bleeding may occur, or the infibulation scar may have to be cut open to allow penetration, infibulation may make intercourse unsatisfying for men as well as women (Shandall, 1967).

Aim of the work

Aim of work

The aim of this work is to assess the possible role of female circumcision on female sexual dysfunction.