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A Scoping Review of Female Genital Mutilation and its Effects on Sexual Function and Sexual Satisfaction
(2023) *IJUM Medical Journal Malaysia*, 22 (4), pp. 3-15.

DOI: 10.31436/imjm.v22i4.2068

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Abstract

The practice of female circumcision (FC), particularly female genital mutilation/cutting (FGM/C), has been controversial as it is regarded as physically and mentally harmful and violates human rights. The purpose of this study is to perform a scoping review aiming to evaluate and compare the effects of FC and FGM/C on the sexual function of the affected women, including the Google Scholar, EBSCO Discovery Service, PubMed, ProQuest Health & Medical Complete, and Wiley Online Library between the year 1999 to 2020. The following keywords were used: 'Female Circumcision', 'Female Genital Mutilation', 'Female Genital Cutting', 'Female Circumcision and Sexual Function', and 'Female Circumcision and Sexual Satisfaction'. A total of 72 articles related to FC and sexual function or satisfaction were retrieved, and 30 articles met the inclusion criteria. Based on the analysis of the final 30 articles, most of the articles described the detrimental effects of FGM/C on sexual function and sexual satisfaction. However, future studies around the less invasive types of FGM/C are required to better reflect on FGM/C on female health. FGM is detrimental to female sexual satisfaction. However, a different method of FC that is less invasive may provide different outcomes. Therefore, a comprehensive guideline on proper FC techniques is needed for education among medical practitioners to prevent any adverse effects on sexuality. © (2023). All Rights Reserved.

Author Keywords

female circumcision; female genital mutilation; sexual dysfunction; sexual function; sexual satisfaction

Funding details

International Islamic University Malaysia IUMSRG21-009-0009

This study is supported by a grant from Sultan Ahmad Shah Medical Centre (SASMEC) @ IIUM (SRG21-009-0009). The authors would also like to express gratitude to Kulliyah of Medicine, International Islamic University Malaysia for supporting this study.

References

- Abdel Magied, A., Musa Ahmed, S.
Sexual Experiences and the Psychosexual Effect of Female Genital Mutilation (FGM) or Female Circumcision (FC) on Sudanese Women
(2002) *The Ahfad Journal*, 19.
1
- Abdulcadir, J., Botsikas, D., Bolmont, M., Bilancioni, A., Djema, D. A., Bianchi Demicheli, F., Yaron, M., Petignat, P.
Sexual Anatomy and Function in Women With and Without Genital Mutilation: A Cross-Sectional Study
(2016) *Journal of Sexual Medicine*, 13 (2), pp. 226-237.
2
- al Awar, S., Al-Jefout, M., Osman, N., Balayah, Z., al Kindi, N., Ucenic, T.
Prevalence, knowledge, attitude and practices of female genital mutilation and cutting (FGM/C) among United Arab Emirates population

(2020) *BMC Women's Health*, 20 (1).

3

- Alsibiani, S. A., Rouzi, A. A.

Sexual function in women with female genital mutilation

(2010) *Fertility and Sterility*, 93 (3), pp. 722-724.

4

- Andersson, S. H. A., Rymer, J., Joyce, D. W., Momoh, C., Gayle, C. M.

Sexual quality of life in women who have undergone female genital mutilation: A case-control study

(2012) *BJOG: An International Journal of Obstetrics and Gynaecology*, 119 (13), pp. 1606-1611.

5

- Anis, T. H., Aboul Gheit, S., Awad, H. H., Saied, H. S.

Effects of Female Genital Cutting on the Sexual Function of Egyptian Women. A Cross-Sectional Study

(2012) *Journal of Sexual Medicine*, 9 (10), pp. 2682-2692.

6

- Arora, KS, Jacobs, AJ.

Female genital alteration: a compromise solution

(2016) *Journal of Medical Ethics*, 42 (3), p. 155.

7. BMJ Publishing Group

- Biglu, M. H., Farnam, A., Abotalebi, P., Biglu, S., Ghavami, M.

Effect of female genital mutilation/cutting on sexual functions

(2016) *Sexual and Reproductive Healthcare*, 10, pp. 3-8.

8

- Birge, O., Arslan, D., Ozbey, E. G., Adiyekke, M., Kayar, I., Erkan, M. M., Akgör, U.

Which type of circumcision is more harmful to female sexual functions?

(2017) *Clinical and Experimental Obstetrics and Gynecology*, 44 (5), pp. 691-694.

9

- Catania, L., Abdulcadir, O., Puppo, V., Verde, J. B., Abdulcadir, J., Abdulcadir, D.

Pleasure and orgasm in women with female genital mutilation/cutting (FGM/ C)

(2007) *Journal of Sexual Medicine*, 4 (6), pp. 1666-1678.

10

- Daneshkhah, F., Allahverdipour, H., Jahangiri, L., Andreeva, T.

Sexual Function, Mental Well-being and Quality of Life among Kurdish Circumcised Women in Iran

(2017) *Iran J Public Health*, 46 (9).

11)

- Earp, B. D., Johnsdotter, S.

Current critiques of the WHO policy on female genital mutilation

(2020) *International Journal of Impotence Research*,

12. Springer Nature

- *Female genital mutilation - a joint WHO:UNICEF:UNFPA statement*,

13. (n.d)

- Heikkilä, E., Westin, C.

(2008) *Finnish Journal of Ethnicity and Migration Editorial Board Partner Institutions*

Guidelines for Contributors Special Issue: Female Genital Cutting in the Past and Today Contents, 3 (2).

14

- Ibrahim, Z. M., Ahmed, M. R., Mostafa, R. M.
Psychosexual impact of female genital mutilation/cutting among Egyptian women
(2012) *Human Andrology*, 2 (2), pp. 36-41.
15. (a)
- Ibrahim, Z. M., Ahmed, M. R., Mostafa, R. M.
Psychosexual impact of female genital mutilation/cutting among Egyptian women
(2012) *Human Andrology*, 2 (2), pp. 36-41.
16. (b)
- Ismail, S. A., Abbas, A. M., Habib, D., Morsy, H., Saleh, M. A., Bahloul, M.
Effect of female genital mutilation/cutting; Types i and II on sexual function: Case-controlled study
(2017) *Reproductive Health*, 14 (1).
17
- Jungari, S. B.
Female Genital Mutilation Is a Violation of Reproductive Rights of Women: Implications for Health Workers
(2014) *Health and Social Work*, 41 (1), pp. 25-31.
18
- Khalid, S., Riduan, M., Deraman, W.
(2017) *The study of knowledge, attitude and practice towards female circumcision among female patients at o&g outpatient department, hospital ampang, selangor, malaysia*, 21.
19
- Komisaruk, B. R., Wise, N., Frangos, E., Liu, W. C., Allen, K., Brody, S.
Women's clitoris, vagina, and cervix mapped on the sensory cortex: fMRI evidence
(2011) *Journal of Sexual Medicine*, 8 (10), pp. 2822-2830.
20
- Levin, R. J.
The Clitoris—An Appraisal of its Reproductive Function During the Fertile Years: Why Was It, and Still Is, Overlooked in Accounts of Female Sexual Arousal
(2020) *Clinical Anatomy*, 33 (1), pp. 136-145.
21. —). John Wiley and Sons Inc
- Mahmoud, M. I. H.
Effect of female genital mutilation on female sexual function, Alexandria, Egypt
(2016) *Alexandria Journal of Medicine*, 52 (1), pp. 55-59.
22
- Mestre-Bach, G., Tolosa-Sola, I., Rodríguez, I., Barri-Soldevila, P., Lasheras, G., Farré, J. M.
Changes in Sexual Distress, Depression and Sexual Function after Clitoral Reconstruction in Women with Female Genital Mutilation/Cutting
(2018) *International Journal of Sexual Health*, 30 (4), pp. 412-421.
23
- Moher, D., Liberati, A., Tetzlaff, J., Altman, D. G.
Preferred reporting items for systematic reviews and meta-analyses: the PRISMA statement
(2009) *Journal of Clinical Epidemiology*, 62 (10), pp. 1006-1012.
24
- Nyairo, C. B.
(2013) *Female Genital Mutilation and Marital Satisfaction among Kenyan Females*,
25

- Obaid, Z. M., Wahhed, A., Amer, A., Fatah, M. A., Mahdy, E., Elmaadawy, A., Mohammed, B.
Evaluation of Psychological and Sexual Effects of Female Genital Mutilation (Circumcision)
 (2019) *The Egyptian Journal of Hospital Medicine*, 74 (4).
 26)
- Okonofua, F. E., Larsen, U., Oronsaye, F., Snow, R. C., Slinger, T. E.
The association between female genital cutting and correlates of sexual and gynaecological morbidity in Edo State, Nigeria,
 27. (n.d)
- Oyefara, J. L.
Female genital mutilation (FGM) and sexual functioning of married women in Oworonshoki Community, Lagos State, Nigeria
 (2015) *African Population Studies*, 29 (1).
 28)
- Paslakis, G., Farré, J. M., Tolosa-Sola, I., Palazón-Llecha, A., Domínguez-Cagnon, H., Jiménez, M., Martínez Rosselló, B., Mestre-Bach, G.
Clinical Features Associated with Female Genital Mutilation/Cutting: A Pilot Longitudinal Study
 (2020) *Journal of Clinical Medicine*, 9 (8), p. 2340.
 29
- Pauls, R. N.
Anatomy of the clitoris and the female sexual response
 (2015) *Clinical Anatomy*, 28 (3), pp. 376-384.
 30. –). John Wiley and Sons Inc
- Rahman Isa, A., Shuib, R., Shukri Othman, M.
The practice of female circumcision among muslims in Kelantan, Malaysia
 (1999) *Reproductive Health Matters*, 7 (13), pp. 137-144.
 31. –). Blackwell Publishing Ltd
- Rashid Khan, A.
The Practice of Female Genital Mutilation Among The Rural Malays In North Malaysia The Vape Dilemma-Exploring the Unspoken View project Disordered Lives! How chaotic are the lives of post-myocardial infarction survivors? View project The Practice Of Female Genital Mutilation Among The Rural Malays In North Malaysia
 (2009) *The Internet Journal of Third World Medicine*, 9 (1).
 32)
- Rouzi, A. A., Berg, R. C., Sahly, N., Alkafy, S., Alzaban, F., Abduljabbar, H.
Effects of female genital mutilation/cutting on the sexual function of Sudanese women: a cross-sectional study
 (2017) *American Journal of Obstetrics and Gynecology*, 217 (1).
 33. 62.e1-62.e6
- Symonds, T., Boolell, M., Quirk, F.
Development of a questionnaire on sexual quality of life in women
 (2005) *Journal of Sex and Marital Therapy*, 31 (5), pp. 385-397.
 34
- Thabet, S M A, Thabet, A. S. M. A., Mohamad, S., Thabet, A., Thabet, A. S. M. A.
Defective sexuality and female circumcision: The cause and the possible management
 (2003) *J. Obstet. Gynaecol. Res*, 29 (1), pp. 12-19.
 35

- Pérez-López, F. R., Ornat, L., Pérez-Roncero, G. R., López-Baena, M. T., Sánchez-Prieto, M., Chedraui, P.
The effect of endometriosis on sexual function as assessed with the Female Sexual Function Index: systematic review and meta-analysis
 (2020) *Gynecological endocrinology: the official journal of the International Society of Gynecological Endocrinology*, 36 (11), pp. 1015-1023.
 36
- Wu, C., Chau, P. H., Choi, E. P. H.
Validation of the adapted female sexual function index among Chinese cisgender heterosexual women and sexual and gender minority women
 (2023) *The journal of sexual medicine*, 20 (6), pp. 878-887.
 37
- Sonbahar, A. E., Culha, M. G., Jannini, E.
The validity and reliability of the Turkish version of the 6-item female sexual function index (FSFI-6) and the relationship between climacturia and female sexual dysfunction
 (2022) *International journal of impotence research*, 34 (6), pp. 610-613.
 38
- Narkkul, U., Jiet Ng, J., Saraluck, A.
Impact of the COVID-19 Pandemic on the Female Sexual Function Index and Female Behavioral Changes: A Cross-Sectional Survey Study in Thailand
 (2022) *International journal of environmental research and public health*, 19 (23), p. 15565.
 39
- Zakhour, S., Sardinha, A., Levitan, M., Berger, W., Nardi, A. E.
Instruments for assessing sexual dysfunction in Arabic: A systematic literature review
 (2022) *Transcultural psychiatry*, 59 (6), pp. 819-830.
 40
- Thabet, Saeed Mohamad Ahmad
Reality of the G-spot and its relation to female circumcision and vaginal surgery
 (2009) *Journal of Obstetrics and Gynaecology Research*, 35 (5), pp. 967-973.
 41
- Vital, M., de Visme, S., Hanf, M., Philippe, H. J., Winer, N., Wylomanski, S.
Using the Female Sexual Function Index (FSFI) to evaluate sexual function in women with genital mutilation undergoing surgical reconstruction: A pilot prospective study
 (2016) *European Journal of Obstetrics and Gynecology and Reproductive Biology*, 202, pp. 71-74.
 42
- Wahlberg, A., Johnsdotter, S., Ekholm Selling, K., Källestål, C., Essén, B.
Factors associated with the support of pricking (female genital cutting type IV) among Somali immigrants - A cross-sectional study in Sweden
 (2017) *Reproductive Health*, 14 (1).
 43
- Wiegel, M., Meston, C., Rosen, R.
The Female Sexual Function Index (FSFI): Cross-validation and development of clinical cutoff scores
 (2005) *Journal of Sex and Marital Therapy*, 31 (1), pp. 1-20.
 44
- Wise, N. J., Frangos, E., Komisaruk, B. R.
Brain Activity Unique to Orgasm in Women: An fMRI Analysis

(2017) *Journal of Sexual Medicine*, 14 (11), pp. 1380-1391.
45

- Yassin, K., Idris, H. A., Ali, A. A.
Characteristics of female sexual dysfunctions and obstetric complications related to female genital mutilation in Omdurman maternity hospital, Sudan
(2018) *Reproductive Health*, 15 (1).
46

- Zaki, N. F. W., Elnagar, M., Spence, D. W.
(2018) *The Arab Journal of Psychiatry*, 29 (1), pp. 35-47.
47. Prevalence of Female Sexual Dysfunction (FSD) in Women Attending a Hospital-Based Infertility Clinic: A Cross-Sectional Observational Study from Egypt
معدل انتشار اضطراب الجنس لدى إناث إرمرشديير على عملى اخصوير بررض الدير مل الدير: ارام ايردشجل اصوصل

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Publisher: International Islamic University Malaysia

ISSN: 27352285

Language of Original Document: English

Abbreviated Source Title: IIUM Med. J. Malaysia.

2-s2.0-85173636938

Document Type: Review

Publication Stage: Final

Source: Scopus

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