



Zero Tolerance for Genital Mutilation: a Review of Moral Justifications

Brian D. Earp¹

Accepted: 26 October 2020 / Published online: 10 December 2020
© Springer Science+Business Media, LLC, part of Springer Nature 2020

Abstract

Purpose of Review To summarize and critically evaluate the moral principles invoked in support of zero tolerance laws and policies for medically unnecessary female genital cutting (FGC).

Recent Findings Most of the moral reasons that are typically invoked to justify such laws and policies appear to lead to a dilemma. Either these reasons entail that several common Western practices that are widely regarded to be morally permissible and are currently treated as legal—such as intersex “normalization” surgery, female genital “cosmetic” surgery performed on adolescent girls, or infant male circumcision—are in fact morally impermissible and should be discouraged if not legally forbidden; or the reasons are being applied in a biased and prejudicial manner that is itself unethical, as well as inconsistent with Western constitutional requirements of equal treatment of individuals before the law.

Summary In the recent literature, only one principle has been defended that appears capable of justifying a zero tolerance stance toward medically unnecessary FGC without relying on, exhibiting, or perpetuating unjust cultural or moral double standards. This principle holds that, in countries whose ethicolegal traditions are shaped by a foundational concern for individual rights, respect for bodily integrity, and personal autonomy over sexual boundaries, all non-consenting persons have an inviolable moral right against any medically unnecessary (or medically deferrable) interference with their genitals or other private anatomy. In such countries, therefore, all non-consenting persons, regardless of age, race, ethnicity, parental religion, assigned sex, gender identity, or other individual or group-based features, should be protected from medically unnecessary genital cutting, regardless of the severity of the cutting or the expected level of benefit or harm.

Keywords Female genital cutting · Female genital mutilation · Intersex normalization surgery · Male circumcision · Zero tolerance · Bodily integrity · Genital autonomy · Sexual rights

Introduction

In Australia at the time of writing, a person may be imprisoned for up to 7 years who either “excises, infibulates or otherwise

mutilates the whole or any part of the labia majora or labia minora or clitoris of another person,” or “aids, abets, counsels, or procures a person to perform” any of those acts, collectively defined as “female genital mutilation” or “FGM” for legal purposes. The only exception to this prohibition is for procedures that are necessary to the health of the person and which are performed by a qualified medical practitioner on that basis; otherwise, even the real or apparent consent of the affected individual does not count as a valid defense against a charge of “FGM” [1]. Similar legislation exists in most other Western countries—and countries sufficiently under Western influence [2]—although in some cases, it is clarified that the crime in

This article is part of the Topical Collection on *Sociocultural Issues and Epidemiology*

✉ Brian D. Earp
brian.earp@yale.edu

¹ Yale University and the Hastings Center, 2 Hillhouse Avenue, New Haven, CT, USA

question concerns medically unnecessary¹ female genital cutting (FGC) done to persons who are under the age of 18, specifically [5]. Because of the seriousness of the crime and of the penalties that may be applied to anyone convicted of committing it, a precise understanding of key terms and definitions in the law is necessary. In particular, the meanings of “clitoris” and “otherwise mutilates” turn out to be vital for determining which acts are in fact “FGM,” as the first case addressing this crime in Australia has recently revealed.

The defendants in this case were members of the Dawoodi Bohra community, a sect within the Musta’li Isma’ili Shi’a branch of Islam. The Dawoodi Bohras practice both female and male genital cutting for religious reasons, basing the rituals on a secondary source of Islamic jurisprudence known as the *da’a’im al-Islam* [6]. Although many facts of the case were in dispute, it was agreed by all that some kind of procedure involving the genitals of two girls had occurred and that, at minimum, a metal object or tool had been applied to their vulvas. Whether cutting of any kind took place was a matter of contestation, but if it did, it was likely to have been what is sometimes called a ritual “prick” or “nick” to the clitoral prepuce (foreskin or hood), without removal of tissue [7]. At least, there was no physical evidence of scarring, discoloration, altered morphology, or any other visible sign of cutting, which is consistent with at least two possibilities: (a) no cutting occurred, or (b) cutting did occur, but was sufficiently slight or superficial so as to allow complete healing, resulting in no discernable difference between the genitals of the alleged victims of “FGM” and developmentally normal, unaltered female genitalia [8–10]. By contrast, when boys within the Dawoodi Bohra community have their genitals altered for religious reasons, there is no doubt as to whether cutting has occurred: the male version of the ritual, assuming a typical circumcision, removes a third or more of the functioning skin system of the penis, often leaving a scar [11–13].

The grounds for conviction, then, came down to this: Does an act of pricking or nicking the clitoral prepuce, except for cases of medical necessity, count as “otherwise mutilating” the “clitoris” even if there is no cutting of the clitoral glans, no removal of genital tissue, no lasting injury beyond the

period of healing, no loss of sexual sensation, no functional impairment, and no permanent change to the appearance of the vulva? According to the original trial judge, whose decision was later affirmed by the Australian High Court after a series of appeals, the answer to this question is yes: (a) for legal purposes, the clitoral prepuce is part of the clitoris (or else continuous with the labia minora, also covered by the law), and (b) any medically unnecessary cutting of this tissue, no matter how slight or by what means, whether performed for religious reasons or otherwise, and regardless of anatomical or health-related outcomes, falls under “otherwise mutilates” and is thus illegal and subject to harsh criminal sanction.

The Problem of Double Standards

As might have been expected, this ruling was celebrated by supporters of so-called “zero tolerance” laws and policies regarding non-Western-associated forms of FGC (see Table 1 for more on this distinction), such as those that have been championed by the World Health Organization (WHO) and various other agencies of the United Nations (UN) [16]. However, some scholarly commentators expressed concern that the court’s conclusion was both legally erroneous and morally suspect. One of these scholars was the trauma specialist and criminology professor Juliet Rogers, whose work often focuses on disparate treatment of marginalized communities. Rogers made the following observations, comparing the (apparent) form of cutting at stake in the Australian case to two other forms of genital cutting that are more familiar to Western culture, one of which has already been mentioned:

- (1) Male genital cutting or circumcision (MGC). According to Rogers [10] (p. 236): “anything which happened to the girls was far less of an invasion into the flesh than the practice of male circumcision.” Although ritual MGC of boys is practiced within the same Bohra families as the less invasive, but illegal, rite for girls, the former is not defined as mutilation and is currently regarded as legal to perform on non-consenting minors in all “states and territories of Australia and in most Western countries.” Notably, such non-consensual MGC is permitted whether or not it is done for religious reasons and irrespective of medical rationale.
- (2) Female genital “cosmetic” surgery (FGCS). According to Rogers [10] (p. 236): “labiaplasty is [also] alive and flourishing” in Australia, including among adolescent girls with the permission of their parents. So are such purportedly cosmetic procedures as “vaginal tightening” and even “clitoral piercing” (the latter of which is routinely performed in Western countries by medically unqualified “body artists” in commercial studios and other non-clinical environments).

¹ According to a recent consensus statement by the Brussels Collaboration on Bodily Integrity, “an intervention to alter a bodily state is medically necessary when (1) the bodily state poses a serious, time-sensitive threat to the person’s well-being, typically due to a functional impairment in an associated somatic process, and (2) the intervention, as performed without delay, is the least harmful feasible means of changing the bodily state to one that alleviates the threat. ‘Medically necessary’ is therefore different from ‘medically beneficial’—a weaker standard—which requires only that the expected health-related benefits outweigh the expected health-related harms. The latter ratio is often contested as it depends on the specific weights assigned to the potential outcomes of the intervention, given, among other things, (a) the subjective value to the individual of the body parts that may be affected, (b) the individual’s tolerance for different kinds or degrees of risk to which those body parts may be exposed, and (c) any preferences the individual may have for alternative (e.g., less invasive or risky) means of pursuing the intended health-related benefits” [3••] (p. 18). Definition based on [4].

Rogers explained that because the legislation on “FGM” in Australia has no age limit, it should logically find these latter acts (i.e., of FGCS) to be criminal as well, even if performed consensually [10] (p. 236). However, as with male circumcision, Western-style FGCS is not currently treated as illegal, even when performed on minors, despite sharing multiple morally salient features with the practices that have been criminalized in Australia as “FGM” (Table 1) [14, 17–19]. Complicating matters further, the legal scholars Nancy Ehrenreich and Mark Barr, among many other writers [20–27], have raised an additional comparison in this context, namely to:

- (3) Intersex genital cutting (IGC) (i.e., gender “normalization” surgery). Every year, in Western countries, thousands of intersex genital surgeries are performed on children and infants to make their genitals appear more stereotypically masculine or feminine. According to Ehrenreich and Barr, “These surgeries are medically unnecessary, are far more complicated than African genital cutting, and often have equally, if not more, serious physical and psychological consequences for their recipients” [28] (p. 74).

Among the IGC practices mentioned by Ehrenreich and Barr is the surgical reduction of the clitoris, also known as “feminizing” clitoroplasty. This surgery is often performed on children with certain natural variations in sex characteristics (or differences of sex development) who are assigned female at birth [29–32]. Such cutting is far more invasive than any pricking or nicking of the clitoral hood, affects the same organ, is almost always performed on minors who are incapable of consenting, and is arguably no more “necessary to the health of the person on whom it is performed”—to quote the Australian statute—than are those practices which the law considers to be “FGM” (see Box 1 for further discussion). As such, the existence of a double standard seems apparent. Indeed, if one “applies the arguments usually marshaled against FGC to intersex cutting,” as Ehrenreich and Barr point out, one will find that those same arguments have “equal force in the intersex context” [28] (p. 75). And yet non-consensual IGC remains legal in the vast majority of Western countries that have forbidden non-Western-associated FGC, in some cases irrespective of consent and typically irrespective of intent or severity [20, 21, 33].

How can this situation be explained? According to Ehrenreich and Barr, it can be explained by the influence of cultural bias stemming from, among other things, “a racially privileged” Western exceptionalism, wherein “the posture of white privilege [that is] subtly revealed in the arguments against female circumcision prevents FGC opponents from acknowledging that similar unnecessary and harmful genital cutting occurs in their own

backyards.” Ehrenreich and Barr go on to argue that “recognition of that similarity has policy implications: the condemnation directed at FGC practitioners is inappropriate unless we are equally willing to condemn physicians performing intersex operations” [28] (p. 75). This implication falls out of what might be called the *principle of policy parity*, to be discussed in the following section.

Box 1. On defining “health” in the context of genital cutting. Adapted from [34]

It is sometimes claimed, albeit without strong evidence, that children with visibly atypical genitalia (such as a larger than average but healthy clitoris) would be embarrassed or otherwise psychosocially disadvantaged by virtue of their bodily difference. Accordingly, it might be argued that early surgery to “normalize” their genitals (i.e., before they are capable of providing their own informed consent) could be justified on grounds of mental health, notwithstanding the risks to physical, or indeed mental, health entailed by the surgery [35]. At the same time, following the WHO, it is often claimed that “FGM” has no health benefits, and only causes harm. Taken together, these two claims might seem to ground a principled distinction between the two forms of genital cutting, helping to explain why the former is considered permissible in Western countries while the latter is not.

But even supposing, despite the lack of strong evidence, that intersex genital cutting did promote mental health by mitigating purported social harms associated with being perceived as “different,” this would not categorically distinguish it from so-called “FGM.” This is for the simple reason that, in societies where genital modification of children is culturally normative, any child who has not undergone the prescribed modification would be left with “atypical” genitalia vis-a-vis local standards and, presumably, be just as liable to teasing or other forms of social disadvantage claimed to adversely affect a person’s mental health [5, 36–38]. If that is right, then “FGM” may well have health benefits in certain contexts according to the WHO’s own broad definition [39].

Given such a broad definition, it is problematic to assume that the mere attribution of “health benefits” (of some kind or another) to non-consensual genital cutting is sufficient to make it morally permissible, especially if there are other, less risky, more autonomy-respecting ways of achieving the same or substantively similar health benefits [40, 41]. Such an assumption can only incentivize supporters of non-consensual genital cutting to medicalize the practice and look for evidence of “health benefits” [42–45], however questionable or readily achievable by other means [46–49]. In any event, the “mental and social well-being” allegedly afforded to children through ritual genital cutting in societies where such cutting is culturally normative—e.g., acceptance by one’s peers and elders, avoidance of teasing, initiation into a religious community, elevation to adult status in the case of a rite of passage, greater perceived attractiveness, and so on [2, 37, 50–52]—should be given no less moral weight (all else being equal) than what is alleged to follow from intersex “normalization” surgeries.

Yet in the case of “FGM” it is widely argued that, instead of surgically shaping children’s genitals to make them conform to apparently unjust or harmfully constrictive societal expectations, it is the societal expectations themselves that should be changed, for example, through education and consciousness-raising. If surgically unmodified genitalia thereby became more culturally normative, a “lack of genital cutting” could no longer reasonably be construed as prejudicial to a child’s mental health or social well-being [53].

Table 1 Non-Western-associated FGC (“FGM”) vs. Western-style “cosmetic” surgeries

Category	<p>Non-Western-associated FGC or “female genital mutilation” as it is defined by the WHO: namely, all medically unnecessary procedures involving partial or total removal of the external female genitalia, or other injury to the female genital organs—widely condemned as human rights violations and thought to be primarily non-consensual</p> <p>Type I: Alterations of the clitoris or clitoral hood, within which type Ia is partial or total removal of the clitoral hood, and type Ib is partial or total removal of the clitoral hood and the clitoral glands</p> <p>Type II: Alterations of the labia, within which type IIa is partial or total removal of the labia minora, type IIb is partial or total removal of the labia minora and/or the clitoral glands, and type IIc is the partial or total removal of the labia minora, labia majora, and clitoral glands</p> <p>Type III: Alterations of the vaginal opening (with or without cutting of the clitoris), within which type IIIa is the partial or total removal and appositioning of the labia minora, and type IIIb is the partial or total removal and appositioning of the labia majora, both as ways of narrowing the vaginal opening**</p> <p>Type IV: Miscellaneous, including piercing, nicking, scraping, and cauterization.</p> <p>Depending on procedure: Burkina Faso, Chad, Cote d’Ivoire, Djibouti, Egypt, Eritrea, Ethiopia, Gambia, Guinea, Guinea Bissau, Indonesia, Iraqi Kurdistan, Liberia, Malaysia, Mali, Mauritania, Senegal, Sierra Leone, Somalia, Sudan, and concomitant diaspora communities</p> <p>Traditional practitioner, midwife, nurse or paramedic, surgeon</p> <p>Depending on the procedure/community: typically around puberty, but ranging from infancy to adulthood.</p>	<p>Western-style FGC or “female genital cosmetic surgeries” (FGCS): typically medically unnecessary procedures involving partial or total removal of the external female genitalia, or other alterations to the female genital organs for perceived cosmesis—widely practiced in Western countries and generally considered acceptable if performed with the informed consent of the individual</p> <p>Alterations of the clitoris or clitoral hood, including clitoral reshaping, clitoral unhooding, and feminizing clitoroplasty</p> <p>Alterations of the labia, including trimming of the labia minora and/or majora, also known as “labiaplasty”</p> <p>Alterations of the vaginal opening (with or without cutting of the clitoris), typified by narrowing of the vaginal opening, variously known as “vaginal tightening,” “vaginal rejuvenation,” or “husband stitch”</p> <p>Miscellaneous, including piercing, tattooing, pubic liposuction, and vulval fat injections</p> <p>Depending on the procedure: Brazil, Colombia, France, Germany, India, Japan, Mexico, Russia, South Korea, Spain, Turkey, USA</p> <p>Surgeon, tattoo artist, body piercer</p> <p>Typically in adulthood, but increasingly on adolescent girls or even younger minors; intersex surgeries (e.g., clitoroplasty) more common in infancy, but ranging through adolescence and adulthood.</p> <p>Lawful and morally permissible</p>
Procedures + WHO typology	<p>Unlawful and morally impermissible</p> <p>Given that there is overlap (or a close anatomical parallel) between each form of WHO-defined “mutilation” and Western-style “cosmetic” FGC, neither of which is medically necessary, one must ask what the widely perceived <i>categorical</i> moral difference is between these two sets of procedures. Controlling for clinical context—which varies across the two sets and is often functionally similar—the most promising candidate for such a difference appears to be the typical age, and hence presumed or likely consent-status, of the subject. But if that is correct, it is not ultimately the degree of invasiveness (which ranges widely across both sets of practices), specific tissues affected, or the precise medical or nonmedical benefit-to-risk profile of medically unnecessary (female) genital cutting that is most central to determining its perceived moral acceptability. Rather, it is the extent to which the affected individual desires the genital cutting and is capable of consenting to it. This suggests that the core of the putative rights violation is the lack of consent regarding a medically unnecessary interference with one’s sexual anatomy, a consideration that applies regardless of the sex or gender of the non-consenting person</p>	
Examples of relatively high-prevalence countries		
Actor		
Age at which typically performed		
Presumed Western status Analysis		

Adapted from [3, 5]

**In practice, the most severe instances of medically unnecessary narrowing of the vaginal opening regarded as infibulation (FGM) leave a smaller introitus and often cause greater functional difficulties than analogous procedures regarded as “vaginal rejuvenation” (FGCS). However, the WHO typology does not distinguish between more or less constrictive outcomes in its definition of type III FGM, and both infibulation and “vaginal rejuvenation” fall on a spectrum. Thus, there is no anatomically decisive line between them, and in some cases, they may be practically indistinguishable: e.g., partial re-infibulation versus a so-called husband stitch [14, 15]

The Principle of Policy Parity

The principle of policy parity (PPP) holds that, for any given policy or policy proposal, relevantly like cases within the policy remit should be treated alike. The PPP applies generally. Indeed, in most ethical systems, invidious treatment of relevantly similar persons or social groups is forbidden. Moreover, such treatment is expressly forbidden in virtually all Western legal regimes. So, for example, as the anthropologist Fuambai Ahmadu has argued, “if there is to be an age of consent for nonmedical genital procedures, then this needs to be applied across all categories of groups and individuals.” However, “if we allow that, among some groups or for some individual cases, exceptions can be made, we also must allow similar exceptions in parallel cases within other groups or among other individuals under similar circumstances” [54] (p. 233). Of course, what reasonably constitutes a “parallel” case or a sufficiently “similar” circumstance is a difficult question, to be addressed later on.

With respect to the specific comparison between non-Western-associated FGC (Table 1) and male circumcision (partial or total removal of the penile prepuce; Box 2), Ingvild Bergom Lunde and colleagues have echoed Ahmadu’s perspective. In a recent paper, they describe a growing awareness among scholars of genital cutting of an apparently “unresolvable dilemma.” Given the physical and symbolic overlap between male and female genital cutting (when the full range of each kind of practice across cultural contexts is taken into consideration and like cases compared), in order to avoid violating the PPP, it seems that parents and policymakers must decide whether (1) “girls should have the same access to cultural identity-promoting genital rituals as boys by allowing a minor cutting or ‘pricking’ of their genitalia” or (2) “boys should be granted the same human rights as girls with the ritual cutting of their genitalia being regarded as a breach of the right to bodily integrity” [55•] (internal citations omitted). This dilemma, rarely expressed so directly but raised in one form or another by scholars and activists alike for decades, has come to the fore of bioethical debates in recent years.

Box 2. The human prepuce. Adapted from [56]. Quotes from [57]. See also [58–60]

The prepuce is a “common anatomical structure of the male and female external genitalia of all human and non-human primates.” In humans, the penile and clitoral prepuces are identical in early fetal development and remain indistinguishable in some intersex individuals. The prepuce is an “integral, normal part of the external genitalia that forms the anatomical covering of the glans penis and clitoris,” thereby internalizing each and “decreasing external irritation and contamination.” In the case of

the penile prepuce, an additional function is to protect the urinary opening from abrasion, as this runs through the penile, but not through the clitoral, glans. In both cases, the prepuce is “a specialized, junctional mucocutaneous tissue which marks the boundary between mucosa and skin ... similar to the eyelids, labia minora, anus, and lips.” The “unique innervation of the prepuce establishes its function as an erogenous tissue.”

In contributing to these debates, some ethicists and others, including the present author, have argued against the first proposed solution to the dilemma (i.e., removing or weakening existing protections for girls in order to allow medically unnecessary genital cutting of male and intersex children to continue unrestricted) [61–88]. Those who support such a solution, by contrast, typically begin with the assumption that non-consensual genital cutting of healthy male children is morally acceptable and should be allowed and argue from this that relatively more “minor” forms of non-consensual FGC should also be allowed (with no need to prove medical necessity) [89–95]. An advantage of this solution is that it would indeed respect the PPP and avoid the apparent problem of unjust double standards. However, it may also be regarded as undesirable for several reasons. As argued elsewhere [68] (p. 161), if Western societies were to change their laws and policies to allow for medically unnecessary, non-consensual cutting of female genitalia, this would likely result in:

- (1) Disturbances and inconsistencies throughout their legal systems, possibly requiring new definitions of bodily assault and opening the door for inadvertent legal protection of a wide range of potentially harmful practices (typically carried out on children, who cannot adequately defend themselves)
- (2) Removal of an important tool that reformers from within the affected communities rely on to solve the “collective action” problem introduced by FGC (i.e., the problem of taking unilateral action to protect one’s child from genital cutting in the face of countervailing social pressures)
- (3) Regulatory challenges in tracking and monitoring FGC sessions to ensure that they were not being used as opportunities for more invasive procedures
- (4) Exposure of young girls to an unknown amount of surgical risk in the absence of medical need, thereby placing doctors in an untenable position with respect to their professional duties
- (5) Widespread outrage among women who consider themselves victims and/or survivors of FGC (including relatively minor forms of such cutting) as well as their allies, and other forms of political backlash

For these and other reasons, it may be worthwhile to consider an alternative solution to the dilemma: namely,

introducing at least some measure of protection against non-consensual, medically unnecessary genital cutting of children who do not have characteristically female genitalia (i.e., vulvas) [96]. In addition to intersex children and cisgender boys (i.e., non-transgender males), this would include children born with penises who later experience or exhibit a gender identity other than male: for example, some transgender, especially transfeminine, persons, as well as those who identify as genderqueer or (otherwise) non-binary [97–99].² In short, according to this solution, all non-consenting persons, regardless of sex, gender, or gender identity, should be acknowledged as having a basic moral right to bodily integrity and to genital autonomy.

In this context, genital autonomy refers to “a person’s being left to make their own informed decision about whether or not to have [their] genitals modified for non-therapeutic reasons (that is, modified in the absence of a physical disease or functional problem requiring immediate surgical intervention)” [72] (p. 7). In Western societies, all adults of sound mind are currently assumed to have an absolute right to genital autonomy in this sense, no matter how slight the intended modification, as are all children in these societies who have vulvas. The notion that children in the same societies who do not have vulvas should also be afforded this right has historically been seen as controversial. However, it was recently defended by a large group of scholars in law, medicine, ethics, sociology, anthropology, and other areas. This group argued that, at least in places with a strong tradition of individual rights—including the right to set and maintain one’s own sexual boundaries—“cutting any person’s genitals without their informed consent is a serious violation of their right to bodily integrity.” As such, it is “morally impermissible unless the person is nonautonomous (incapable of consent) and the cutting is medically necessary” [3••] (p. 17).

To summarize, there are at least two main ways to resolve the above-stated dilemma regarding the PPP, given the overlapping features of (at least some forms) of female, male, and intersex genital cutting. These two approaches are currently represented by different sets of contributors to the bioethical literature, who might broadly be characterized as follows:

- (1) Equal opportunity advocates of parental and religious rights: Those who maintain that *both* male and female (and presumably also intersex) medically unnecessary, non-consensual genital cutting are morally permissible and should be tolerated in Western societies for any reason so long as the cutting is no more harmful on average or in expectation than ritual male circumcision (especially as it is performed on newborns within Judaism).
- (2) Equal opportunity advocates of children’s rights: Those who maintain that *neither* male nor female (nor intersex) medically unnecessary, non-consensual genital cutting are morally permissible, regardless of parental intent or the expected (average) level of benefit or harm.

A third position, which stands in contrast to both (1) and (2), can be inferred from the relevant policy materials of the WHO [104–107] and is still sometimes defended in the bioethical literature [108]. This position is reflected in the views of those individuals or organizations that—like the WHO—are dedicated to “zero tolerance for FGM” while at the same time being neutral toward or even supportive of other forms of medically unnecessary genital cutting, including some that affect non-consenting persons. These individuals and organizations could be called:

- (3) Selective advocates of zero tolerance for genital cutting: Those who maintain, in effect, at least one of the first three propositions below (a–c) along with the fourth (d).
 - (a) Medically unnecessary male genital cutting should be allowed for any reason, including when performed by individuals who do not have a medical license on children who cannot consent, so long as what is attempted is a penile circumcision and the child’s parents give their permission.
 - (b) Medically unnecessary intersex genital cutting should be allowed for social and cosmetic reasons, including when performed on children who cannot consent, but only by individuals who do have a medical license, so long as the child’s parents give their permission.
 - (c) Western-style “cosmetic” female genital cutting should be allowed, including some forms performed by individuals who do not have a medical license (e.g., genital piercing by a “body artist”), unless the person requesting the procedure is from an African, Middle Eastern, or Southeast Asian culture in which female (as well as male) genital cutting is traditionally practiced and the request is interpreted as being

² Transgender women and girls can be harmed in particular ways by the preemptive removal of their penile foreskins through circumcision [56]. For example, the penile foreskin, which amounts to between 30 and 50 square centimeters of highly sensitive, erogenous tissue in the fully developed organ [11, 57, 100–102], can be used in the construction of a neovagina if the individual decides to pursue certain gender-affirming procedures, thereby reducing the need for extensive skin grafts from other parts of the body, such as the thigh [103].

culturally motivated;³ and the affected individual (or her proxy, if she is a legal minor) consents or gives permission.

- (d) Medically unnecessary female genital cutting as performed in a non-Western context or by a non-Western actor (see Table 1) should be criminally prohibited in all cases, regardless of severity, whether or not it is performed by someone with a medical license, and irrespective of the intentions of the parents (even if religious in nature), especially, but not necessarily only, if the affected individual is under the age of 18, even if her parents give permission.

This position has been criticized by various scholars for being logically inconsistent, morally incoherent, and culturally biased.⁴ Can it nevertheless be defended?

Defending Selective Zero Tolerance

In a 2008 joint report with other UN agencies, the WHO asserts that “all procedures involving partial or total removal of the external female genitalia or other injury to the female genital organs” are morally impermissible if done for “non-medical reasons” [105] (p. 1). Although the WHO acknowledges, in passing, that “a variety of social and religious reasons” are reported by the families and communities that value ritual FGC, it does not seem to assign much weight to these reasons. Instead, it claims that all instances of FGC that are not done for “medical reasons,” including forms that are less invasive than male circumcision and various forms of intersex genital cutting, violate the human rights of women and girls, including the right to physical integrity. How can this claim be morally justified in a way that supports the third position outlined above, that is, the selective condemnation of non-Western-associated FGC? Potential hurdles for adequately grounding such a justification include the following [adapted from [114•]]:

- (1) There is no mention in the WHO materials of consent-status, age, or maturity in determining what constitutes impermissible “mutilation” regardless of type. This suggests that adult, consensual FGCS (not done for “medical reasons”) is definitionally “FGM” (Table 1) and thus morally wrong and a human rights violation. However,

³ Referring to the current UK anti-FGM law, which is similar to the one in Australia, Arianne Shahvisi has recently argued that the law “codifies the idea that women of particular cultures are not as capable of making their own decisions as are other women, let alone as capable as men. For, if a woman requests a labiaplasty (say) from a private cosmetic surgeon in the UK, her ethnicity will likely be used to determine her consent status, and in turn whether or not the procedure can occur legally. The current law enforces differential access to [genital cutting] procedures on the basis of race” [109] (p. 105).

⁴ For a selection of arguments in this vein, see these references: [5, 36, 61, 67, 70, 82, 85, 86, 109–113].

that does not appear to be the position of the WHO, which has not sought to “eliminate” this Western form of medically unnecessary female genital cutting. Thus, the mere cutting or removal of healthy genital tissue for non-medical reasons is evidently not sufficient to ground claims of moral impermissibility, human rights violations, and so on [115, 116].⁵

- (2) Perhaps it is the *non-consensual* cutting or removal of healthy genital tissue for non-medical reasons that constitutes a human rights violation. But if that is the case, non-consensual ritual male circumcision—which is not done “for medical reasons”—is a human rights violation, which the WHO does not seem to think. In fact, the WHO *supports* non-consensual male circumcision, citing studies of adult, voluntary circumcision that appear to show certain health benefits (primarily, a reduced risk of female-to-male transmission of HIV in settings with high rates of such transmission and a low prevalence of male circumcision) [104, 119].
- (3) Perhaps, then, it is the non-consensual cutting or removal of healthy genital tissue that has *not been associated with potential health benefits* that constitutes a human rights violation. If so, as noted in Box 1, this creates an incentive for medically qualified supporters of non-Western-associated FGC to look for, or generate, evidence of such health benefits, just as medically qualified supporters of non-consensual MGC have done [46, 120]. But now suppose that studies of adult, voluntary female genital cutting appeared to show certain health benefits, such as a reduced risk of various infections or diseases, most of which could be more safely and effectively managed non-surgically (as with MGC). Would the WHO find such data sufficient to support non-consensual genital cutting of minor girls? Presumably it would not [120–122].
- (4) In fact the WHO *opposes* medicalization of FGC—even as a harm reduction measure (see footnote 5) [117]. Even

⁵ Ironically, advocates of “selective zero tolerance” do not criticize the performance of medically unnecessary female genital cutting when it is done for ostensibly “cosmetic” reasons by medical professionals in a clinical environment (“FGCS”), while at the same time, they categorically oppose the performance of medically unnecessary female genital cutting when it is done for “cultural” reasons (“FGM”) *even when* it is done by medical professionals in a clinical environment (that is, they oppose the so-called “medicalization” of non-Western-associated FGC, arguing instead that it must be stopped altogether) [16, 117]. However, it is hard to see why Western-style “cosmetic” practices should not be regarded as just as “cultural” as non-Western-associated FGC practices. For as Alice Edwards argues, “any woman’s choice to have a procedure on her genitals cannot be separated from the culture in which this decision is made” [118] (p. 27). As such, “highly restrictive esthetic ideals, widespread anatomical ignorance about the range of ‘normal’ appearances for the vulva, marketing campaigns designed to prey on bodily insecurities, and normatively questionable social pressures undoubtedly [play] a role in motivating requests” for FGCS in Western countries [4] (p. 62). In short, “the rationale [for cutting] cannot be separated from cultural associations” irrespective of the culture in which it occurs [118] (p. 27).

a ritual nick performed with pain control by a trained physician is considered to be morally impermissible by the WHO. Thus, the WHO seems to believe that girls have a human right to “bodily integrity” that is violated by *all* medically unnecessary FGC, no matter how superficial, whether or not evidence of health benefits could be found [121].

- (5) But if this is a *human* right, then it must apply to all humans, including intersex children and males [84, 123, 124]. But the WHO does not seem to believe that male children, at least, have an absolute moral claim against non-consensual, medically unnecessary genital cutting (its position with respect to intersex children is unclear) [104, 107, 125].

Thus, the ethical basis for selective zero tolerance of non-Western-associated FGC remains uncertain [114•].

As a final possibility, seemingly different symbolic meanings or parental intentions are sometimes invoked to explain why non-Western-associated FGC, but no other form of medically unnecessary genital cutting (as such) should be categorically prohibited as a rights violation, irrespective of the level of harm. For example, it is often said that FGC, unlike at least some forms of MGC, is “not a religious practice” [126], with the apparent implication being that religious practices deserve greater respect, whether morally or legally, than otherwise comparable practices that are not religious in nature (i.e., “merely cultural” practices) [127]. However, this argument is questionable along several dimensions [128–130], as summarized in Table 2.

A second claim that is often raised is that non-Western-associated FGC is a sexist practice that either involves or amounts to gender-based violence [131]. As the WHO states in its 2008 report, such FGC “reflects deep-rooted inequality between the sexes, and constitutes an extreme form of discrimination against women” [105] (p. 1). This is not typically thought to be the case for other forms of genital cutting, which might suggest that there is still a principled basis for the “selective zero tolerance” position outlined above. This possibility is discussed in the following section.

Sex Discrimination

What about the view that non-Western-associated FGC is a form of sex discrimination or gender-based violence? The claim that all such FGC, other than that performed for medical reasons, reflects inequality between the sexes and discriminates against women is doubtful.⁶ Most notably, there are virtually no societies that practice ritual FGC that do not

⁶ For an extensive recent discussion, see Earp and Johnsdotter [114•]. Only a brief outline can be given here.

also practice ritual MGC, usually in a parallel rite of passage with similar social functions [50, 51, 132, 133]. As the anthropologist Sara Johnsdotter has recently noted, “Rationales for circumcision of boys and girls vary with local context, but the genital modifications are often performed with similar motives irrespective of gender: to prepare the child for a life in religious community, to accentuate gender difference and to perfect gendered bodies, for beautification, for cleanliness, to improve the social status of the child through ritual, and so on” [50•] (p. 32).

In short, there are numerous, overlapping motives behind male and female genital cutting and considerable cross-cultural variation. But one thing is a cross-cultural constant: *if* a group practices ritual FGC, it almost certainly *also* practices ritual MGC (but not vice versa; there are numerous groups that cut the genitals only of boys). Moreover, depending on the group in question, either the male or female version of the ritual may be more invasive, risky, or damaging to health or sexuality [134–144]. For further discussion, see Box 3.

Box 3. Sexual control as a motive for child genital cutting

Following the WHO, it is a common belief that—wherever it may happen—non-Western-associated FGC is primarily intended to “control” the sexuality of women and girls. But this belief, if it is meant to apply universally, and especially if it is thought to ground a categorical distinction with MGC, is not supported by the anthropological record. Certainly, there are many societies in which women and girls are expected to be sexually chaste or submissive in a way, or to an extent, that differs greatly from the corresponding expectation for boys and men. Some of these (highly sexually unequal) societies practice FGC—as well as MGC—but most such societies practice neither form of genital cutting, or practice MGC only [132]. In other words, there does not seem to be a strongly predictive relationship between the extent of sexual inequality in a society and whether it practices a form of FGC (and thus also MGC). As a panel of scholarly experts has recently noted, “The vast majority of the world’s societies can be described as patriarchal, and most either do not modify the genitals of either sex or modify the genitals of males only. There are almost no patriarchal societies with customary genital surgeries for females only” [132] (p. 23).

Moreover, some societies that do practice FGC—as well as MGC—are not especially concerned with female chastity and virginity. Among the Kono of Sierra Leone, for instance, it has been argued that “there is no cultural obsession with feminine chastity, virginity, or women’s sexual fidelity, perhaps because the role of the biological father is considered marginal and peripheral to the central matricentric unit” [145] (p. 285). And to the extent that there is an explicit link between genital cutting and attempted “control” of sexuality in some cases, this association is not limited to FGC but applies to MGC in certain contexts as well [146, 147]. Male circumcision among the Nso people of Cameroon, for example, is said to tame, moderate, and temper the sexual instinct, “thereby helping a man to act responsibly” [85] (p. 186).

Finally, Western countries have their own histories of attempted control of sexuality; and in the United States this history is directly linked to genital cutting. According to historians, male circumcision was adopted in New England in the late 1800s as part of a cultural crusade to combat childhood masturbation, alongside proposals to mass-circumcise “Negro” men to supposedly quiet their sexual appetite and prevent them from raping white women [46, 119, 148, 149].

Table 2 Problems with claiming “religious” vs. “cultural” motivations for genital cutting

It is often claimed that at least some forms of MGC, unlike any form of FGC, are religious in nature. This claim appears to be based on the observation that FGC is nowhere mentioned in the Quran, the central scripture of Islam, whereas MGC is not only mentioned in but is positively endorsed by the Torah, the central scripture of Judaism. The implication then is that MGC is at least sometimes done for religious reasons, whereas FGC, though perhaps incidentally associated with Islam or other religions in many contexts, is ultimately done for “merely cultural” reasons, which are assumed to be less worthy of respect. There are several problems with this line of reasoning, as follows:

Basis in the Quran	It is true that FGC is not mentioned in the Quran, but neither is MGC nor the injunction to pray five times per day facing Mecca. Nevertheless, both MGC—viz., male circumcision—and the daily prayer ritual are still widely recognized as Muslim religious practices, both by insiders and outsiders to Islam, and few would contest this interpretation. Clearly, then, it is possible for a practice to have a meaningful religious standing within Islam despite not being mentioned in the Quran
Basis in the Hadith	Though neither practice is mentioned in the Quran, both MGC and FGC are mentioned in the Hadith—sayings and deeds attributed to Muhammed—as well as other secondary sources of Islamic scripture. Based upon such scripture, some Muslim communities, including the Dawoodi Bohra, regard both MGC and FGC as religiously required
Cultural reasons	Though MGC is sometimes performed for unambiguously religious reasons, for example among devout Orthodox Jews, in the USA, at least, it is overwhelmingly performed for “merely cultural” reasons and yet is still accepted in those cases by defenders of “selective zero tolerance.” From their perspective, then, medically unnecessary childhood genital cutting clearly does not need to be performed for explicitly religious reasons to be regarded as both morally and legally permissible
Respect	Finally, even if a given practice were only “cultural” as opposed to religious, this would not entail that it was any less valuable or worthy of respect. For example, a practice might be central to the way of life of a community despite not being formally listed in a book of scripture, and thus be at least <i>prima facie</i> worthy of respect; and a practice might be clearly religious in nature, but nevertheless highly objectionable and ultimately unworthy of being respected on moral or legal grounds. Thus, the religious or cultural nature of a practice does not determine the level of respect it is owed

Ethical Implications

What these observations suggest is that appealing to sex discrimination to justify “selective zero tolerance” is unlikely to succeed on empirical grounds. But let us suppose, for the sake of argument, that all non-Western-associated FGC did indeed reflect patriarchal social structures: for example, by symbolically assigning a lower status to girls and women compared to boys and men. If that were true, could it explain why all and only non-Western-associated medically unnecessary FGC was an unambiguous human rights violation, while the same could not be said of medically unnecessary MGC or IGC or even Western-style FGCS?

The legal theorist Kai Möller has recently argued against this proposition [81••]. According to Möller, there must be something intrinsically objectionable about medically unnecessary genital cutting, especially when it is done without consent, that makes it a human rights violation in the first place, for questions about gender (in)equality in this context to arise: “the near-consensus against female genital cutting in the Western world, to be defensible,” he writes, “must be more than just a proxy for a commitment to gender equality ... it must also reflect the conviction that there is something wrong with the genital cutting of girls *independently* of the patriarchal structures within which it occurs” [81••] (p. 18, emphasis added). In other words, if there was nothing at all wrong with cutting a girl’s healthy genitals without her consent, it would not be sufficient—for it to become a uniquely egregious human rights abuse—to point out that the cutting (also) reflected

patriarchal social structures. After all, *many* practices in society reflect such structures to some degree, but not all of them are serious human rights violations. As Möller argues, “the existence of patriarchal power structures may be relevant in so far as such structures [can] make a violation of rights *even worse than it would otherwise be*; but there still needs to be a violation of rights in the first place” [81••] (p. 17).

If that is correct, what is the nature of the rights violation in question? In other words, what is it about cutting a girl’s healthy genitals without her consent that wrongs her, irrespective of the patriarchal context? Möller proposes that it is the non-consensual nature of the cutting, its being medically unnecessary, and its targeting of the sexual anatomy (a part of the body that is widely considered to be private or intimate). But these features apply to medically unnecessary genital cutting of all types, that is, regardless of the sex or gender of the child [150]. Möller thus concludes that “the wrong of genital cutting flows *not* (in the first instance) from contingent empirical factors relating, for example, to harm or social structures, but from the child’s right to have his or her physical integrity respected and protected” [81••] (p. 24).

Conclusion

Three main positions regarding the relative permissibility of female, male, and intersex genital cutting have been evaluated in this review. According to equal opportunity advocates of

parental and religious rights, no child, regardless of sex or gender, has an absolute moral right to be free from non-consensual, medically unnecessary cutting of their genitals. According to the WHO, UN, and other advocates of “selective zero tolerance for FGM,” children with characteristically female genitalia have such a right, but intersex children and children with characteristically male genitalia do not have such a right. Finally, according to equal opportunity advocates of children’s rights, all non-consenting persons have an absolute moral right against any medically unnecessary (or medically deferrable) interference with their genital anatomy, at least in Western societies with a strong tradition of individual rights, which includes a concern for respecting sexual boundaries. Only the last of these perspectives, it seems, can explain why ritual nicking of the clitoral hood of the kind described at the beginning of this essay is categorically impermissible even when it causes no lasting physical harm, without relying on unjust double standards pertaining to race, ethnicity, parental religion, assigned sex, gender identity, or other individual or group-based features.

Compliance with Ethical Standards

Conflict of Interest The author has no conflict of interest to report.

References

Papers of particular interest, published recently, have been highlighted as:

- Of importance
- Of major importance

1. Mathews B. Female genital mutilation: Australian law, policy and practical challenges for doctors. *Med J Australia*. 2011;194(3):139–41.
2. Shweder RA. “What about female genital mutilation?” and why understanding culture matters in the first place. In: Shweder RA, Minow M, Markus HR, editors. *Engaging cultural differences: the multicultural challenge in liberal democracies*. New York: Russell Sage Foundation Press; 2002. p. 216–51.
3. BCBI. Medically unnecessary genital cutting and the rights of the child: moving toward consensus. *Am J Bioeth*. 2019;19(10):17–28. **International consensus statement by more than 90 experts in law, medicine, ethics, and other fields arguing that cutting any person’s genitals without their own informed consent is a violation of their right to bodily integrity, unless they are non-autonomous and the cutting is medically necessary (and so cannot be delayed).**
4. Earp BD. The child’s right to bodily integrity. In: Edmonds D, editor. *Ethics and the contemporary world*. Abingdon and New York: Routledge; 2019. p. 217–35.
5. Shahvisi A, Earp BD. The law and ethics of female genital cutting. In: Creighton SM, Liao L-M, editors. *Female genital cosmetic surgery: solution to what problem?* Cambridge: Cambridge University Press; 2019. p. 58–71.
6. Bootwala. A review of female genital cutting (FGC) in the Dawoodi Bohra community: parts 1, 2, and 3. *Curr Sex Health Rep*. 2019;11(3):212–35. **Exhaustive historical, sociological, and medical review of FGC practices among the Dawoodi Bohra (the community at the center of recent legal cases in the US and Australia).**
7. Wahlberg A, Pâfs J, Jordal M. Pricking in the African diaspora: current evidence and recurrent debates. *Curr Sex Health Rep*. 2019;5(1):1–7.
8. Kiefel C, Bell J, Gageler J, Nettle J, Gordon J, Edelman J. *The Queen v A2 the Queen v Magennis; the Queen v Vaziri*. 2019.
9. Hoeben C, Ward J, Adams J. *A2 v R; Magennis v R; Vaziri v R*. 2018. Available from: <https://www.caselaw.nsw.gov.au/decision/5b68d25ce4b0b9ab4020e71c>
10. Rogers J. The first case addressing female genital mutilation in Australia: Where is the harm? *Alt Law J*. 2016;41(4):235–8.
11. Taylor JR, Lockwood AP, Taylor AJ. The prepuce: specialized mucosa of the penis and its loss to circumcision. *Brit J Urol*. 1996;77(2):291–5.
12. Fahmy MAB. Nonaesthetic circumcision scarring. In: Fahmy MAB, editor. *Complications in male circumcision*. Amsterdam: Elsevier; 2019. p. 99–134.
13. Fahmy MAB. Functions of the prepuce. In: *Normal and abnormal prepuce*. Cham: Springer International Publishing; 2020. p. 67–85.
14. Foster EA. Female circumcision vs. designer vaginas: surgical genital practices and the discursive reproduction of state boundaries. In: Dickinson J, editor. *Body/State*. London: Routledge; 2016. p. 17–30.
15. Edmonds A. Can medicine be aesthetic? Disentangling beauty and health in elective surgeries. *Med Anthropol Q*. 2013;27(2):233–52.
16. Askew I, Chaiban T, Kalasa B, Sen P. A repeat call for complete abandonment of FGM. *J Med Ethics*. 2016;42(9):619–20.
17. Kelly B, Foster C. Should female genital cosmetic surgery and genital piercing be regarded ethically and legally as female genital mutilation? *BJOG*. 2012;119(4):389–92.
18. Boddy J. The normal and the aberrant in female genital cutting: shifting paradigms. *Hau J Ethnogr Theor*. 2016;6(2):41–69.
19. Boddy J. Paradoxes of ‘modern’ female bodies: female genital cosmetic surgeries (FGCS) and FGM/C. In: *2nd international expert meeting on female genital mutilation/cutting*. Montreal, Canada; 2018.
20. Ford K-K. “First, do no harm”: the fiction of legal parental consent to genital-normalizing surgery on intersexed infants. *Yale L Pol’y Rev*. 2001;19(2):469–88.
21. Garland J, Slokenberga S. Protecting the rights of children with intersex conditions from nonconsensual gender-conforming medical interventions: the view from Europe. *Med Law Rev*. 2018;27(3):482–508.
22. Dreger AD, Herndon AM. Progress and politics in the intersex rights movement: feminist theory in action. *GLQ J Lesb Gay Stud*. 2009;15(2):199–224.
23. Karkazis K. *Fixing sex: intersex, medical authority, and lived experience*. Durham: Duke University Press; 2008.
24. Reis E. *Bodies in doubt: an American history of intersex*. Baltimore: JHU Press; 2009.
25. Reis E. Did bioethics matter? A history of autonomy, consent, and intersex genital surgery. *Med Law Rev*. 2019;27(4):658–74.
26. Reis-Dennis S, Reis E. Are physicians blameworthy for iatrogenic harm resulting from unnecessary genital surgeries? *AMA J Ethics*. 2017;19(8):825–33.
27. Jones M. Intersex genital mutilation – a Western version of FGM. *Int J Child Rts*. 2017;25(2):396–411.
28. Ehrenreich N, Barr M. Intersex surgery, female genital cutting, and the selective condemnation of cultural practices. *Harv CR-CL L Rev*. 2005;40(1):71–140.

29. Liao L-M, Hegarty P, Creighton SM, Lundberg T, Roen K. Clitoral surgery on minors: an interview study with clinical experts of differences of sex development. *BMJ Open*. 2019;9(6):e025821.
30. Hurwitz RS. Feminizing surgery for disorders of sex development: evolution, complications, and outcomes. *Curr Urol Rep*. 2011 Apr 1;12(2):166–72.
31. Kudela G, Gawlik A, Koszutski T. Early feminizing genitoplasty in girls with congenital adrenal hyperplasia (CAH)—analysis of unified surgical management. *Int J Environ Res Public Health*. 2020;17(11):3852.
32. Schober JM. Feminizing genitoplasty: a synopsis of issues relating to genital surgery in intersex individuals. *J Pediatr Endocrinol Metab*. 2004;17(5):697–704.
33. • Garland F, Travis M. Legislating intersex equality: building the resilience of intersex people through law. *Legal Stud*. 2018;38(4): 587–606. **Review of recent legal developments concerning intersex people, arguing that “prevention of non-therapeutic medical interventions on the bodies of children [is the] key method to achieving equality for intersex embodied people.”**
34. Earp BD, Shahvisi A, Reis-Dennis S, Reis E. Is female genital 'mutilation' good for one's health? *Nurs Ethics*; in press.
35. Gardner M, Sandberg DE. Navigating surgical decision making in disorders of sex development (DSD). *Front Pediatr*. 2018;6(339):1–9.
36. Oba AA. Female circumcision as female genital mutilation: human rights or cultural imperialism? *Glob Jurist*. 2008;8(3):1–38.
37. Manderson L. Local rites and body politics: tensions between cultural diversity and human rights. *Int Feminist J Pol*. 2004;6(2):285–307.
38. Jacobson D, Glazer E, Mason R, Duplessis D, Blom K, Mont JD, et al. The lived experience of female genital cutting (FGC) in Somali-Canadian women's daily lives. *PLoS One*. 2018;13(11): e0206886.
39. Callahan D. The WHO definition of “health”. *Hastings Cent Stud*. 1973;1(3):77–87.
40. Earp BD. Do the benefits of male circumcision outweigh the risks? A critique of the proposed CDC guidelines. *Front Pediatr*. 2015;3(18):1–6.
41. Sommerville M. *The ethical canary: science, society, and the human spirit*. Montreal: McGill-Queen's University Press; 2004.
42. Saalihah-Munajjid M. Medical benefits of female circumcision. *Islam Question & Answer*. 2020; Available from: <https://islamqa.info/en/answers/45528/medical-benefits-of-female-circumcision>.
43. Mohamed Ali SEK. Safe female circumcision. Khartoum: Khartoum University; 2009. Available from: <http://umatia.org/2011/safecircumcision.html>
44. Bhalla N. Female circumcision in Sri Lanka is “just a nick,” not mutilation: supporters. *Jakarta Globe*. 2017; Available from: <https://jakartaglobe.id/news/female-circumcision-sri-lanka-just-nick-not-mutilation-supporters>.
45. Hussein A. Female circumcision: an Islamic practice brings untold benefits to women. *Daily Mirror*. 2018; Available from: <http://www.dailymirror.lk/opinion/Female-Circumcision-An-Islamic-practice-brings-untold-benefits-to-women/172-155646>.
46. Gollaher DL. From ritual to science: the medical transformation of circumcision in America. *J Soc Hist*. 1994;28(1):5–36.
47. Hodges F. A short history of the institutionalization of involuntary sexual mutilation in the United States. In: Denniston GC, Milos MF, editors. *Sexual mutilations*. New York: Springer US; 1997. p. 17–40.
48. Doğan G. The effect of religious beliefs on the publication productivity of countries in circumcision: a comprehensive bibliometric view. *J Relig Health*. 2020; online ahead of print.
49. Solomon LM, Noll RC. Male versus female genital alteration: differences in legal, medical, and socioethical responses. *Gender Med*. 2007;4(2):89–96.
50. • Johnsdotter S. Girls and boys as victims: asymmetries and dynamics in European public discourses on genital modifications in children. In: Fusaschi M, Cavatorta G, editors. *FGM/C: from medicine to critical anthropology*. Turin: Meti Edizioni; 2018. p. 31–50. **Nuanced study of the inconsistent discourses concerning male and female genital cutting in a European context.**
51. Newland L. Female circumcision: Muslim identities and zero tolerance policies in rural West Java. *Women's Stud Int Forum*. 2006;29(4):394–404.
52. Leonard L. “We did it for pleasure only.” Hearing alternative tales of female circumcision. *Qual Inq*. 2000;6(2):212–28.
53. Earp BD, Darby R. Circumcision, sexual experience, and harm. *U Penn J Int Law*. 2017;37(2-online):1–57.
54. Ahmadu FS. Equality, not special protection: multiculturalism, feminism, and female circumcision in Western liberal democracies. In: Cassaniti J, Menon U, editors. *Universalism without uniformity: explorations in mind and culture*. Chicago: University of Chicago Press; 2017. p. 214–36.
55. • Lunde IB, Hauge M-I, Johansen REB, Sagbakken M. “Why did I circumcise him?” Unexpected comparisons to male circumcision in a qualitative study on female genital cutting among Kurdish–Norwegians. *Ethnicities*. 2020; online ahead of print. **Important empirical study exploring the relationship between male and female genital cutting in the minds of Kurdish–Norwegians.**
56. Myers A, Earp BD. What is the best age to circumcise? A medical and ethical analysis. *Bioethics*. 2020; online ahead of print.
57. Cold CJ, Taylor JR. The prepuce. *BJU Int*. 1999;83(S1):34–44.
58. Fahmy MAB. Normal female prepuce. In: *Normal and abnormal prepuce*. Cham: Springer International Publishing; 2020. p. 75–81.
59. Fahmy MAB. Embryology of the prepuce. In: *Normal and abnormal prepuce*. Cham: Springer International Publishing; 2020. p. 29–33.
60. Fahmy MAB. Anatomy of the prepuce. In: *Normal and abnormal prepuce*. Cham: Springer International Publishing; 2020. p. 35–57.
61. Dustin M. Female genital mutilation/cutting in the UK: challenging the inconsistencies. *Euro J Women's Stud*. 2010;17(1):7–23.
62. Svoboda JS. Promoting genital autonomy by exploring commonalities between male, female, intersex, and cosmetic female genital cutting. *Glob Disc*. 2013;3(2):237–55.
63. Svoboda JS, Darby R. A rose by any other name? Symmetry and asymmetry in male and female genital cutting. In: Zabus C, editor. *Fearful symmetries: essays and testimonies around excision and circumcision*. Amsterdam and New York: Rodopi; 2008. p. 251–302. (Matutu; vol. 37).
64. Svoboda JS, Adler PW, Van Howe RS. Circumcision is unethical and unlawful. *J Law Med Ethics*. 2016;44(2):263–82.
65. Svoboda JS, Adler PW, Van Howe RS. Is circumcision unethical and unlawful? A response to Morris et al. *J Med Law Ethics*. 2019;7(1):72–92.
66. • Munzer SR. Examining nontherapeutic circumcision. *Health Matrix*. 2018;28(1):1–77. **Law review article by distinguished professor arguing that children have a right-in-trust not to have their genitals surgically interfered with, except for medical necessity, until they have the capacity to make decisions about such surgery for themselves.**
67. Mason C. Exorcising excision: medico-legal issues arising from male and female genital surgery in Australia. *J Law Med*. 2001;9(1):58–67.
68. Earp BD. In defence of genital autonomy for children. *J Med Ethics*. 2016;42(3):158–63.
69. Earp BD. Religious freedom, equal protection, and the child's (gender neutral) right to bodily integrity. In: *Secularism 2019: Reclaiming religious freedom*. London: National Secular Society; 2019. Available from: https://youtu.be/GBH0g_C17Rk.

70. Earp BD. Female genital mutilation and male circumcision: toward an autonomy-based ethical framework. *Medicolegal Bioeth.* 2015;5(1):89–104.
71. Earp BD. Sex and circumcision. *Am J Bioeth.* 2015;15(2):43–5.
72. Earp BD, Steinfeld R. Genital autonomy and sexual well-being. *Curr Sex Health Rep.* 2018;10(1):7–17.
73. Earp BD, Steinfeld R. Gender and genital cutting: a new paradigm. In: Barbat TG, editor. *Gifted women, fragile men.* Brussels: ALDE Group-EU Parliament; 2017. (Euromind Monographs). Available from: <http://euromind.global/brian-d-earp-and-rebecca-steinfeld/?lang=en>.
74. Earp BD. Why was the U.S. ban on female genital mutilation ruled unconstitutional, and what does this have to do with male circumcision? *Ethics Med Public Health.* 2020;15:100533.
75. Earp BD. Protecting children from medically unnecessary genital cutting without stigmatizing women's bodies: implications for sexual pleasure and pain. *Arch Sex Behav.* 2020; online ahead of print.
76. Earp BD, Darby R. Circumcision, autonomy and public health. *Pub Health Ethics.* 2019;12(1):64–81.
77. Earp BD, Shaw DM. Cultural bias in American medicine: the case of infant male circumcision. *J Pediatr Ethics.* 2017;1(1):8–26.
78. Darby R. The child's right to an open future: is the principle applicable to non-therapeutic circumcision? *J Med Ethics.* 2013;39(7):463–8.
79. Darby R. Risks, benefits, complications and harms: neglected factors in the current debate on non-therapeutic circumcision. *Kennedy Inst Ethics J.* 2015;25(1):1–34.
80. Darby R. Targeting patients who cannot object? Re-examining the case for non-therapeutic infant circumcision. *SAGE Open.* 2016;6(2):1–16.
81. • Möller K. Male and female genital cutting: between the best interests of the child and genital mutilation. *Oxf J Leg Stud.* 2020;online ahead of print. **Perhaps the most significant philosophical and legal discussion addressing male and female genital cutting together from the past 10 years. Argues that that the fundamental wrong of child genital cutting is grounded not in empirical matters pertaining to expected levels of benefit or harm, but rather in the principle of respect for a child's bodily and sexual integrity.**
82. Johnson MT. Male genital mutilation: beyond the tolerable? *Ethnicities.* 2010;10(2):181–207.
83. Sarajlic E. Children, culture, and body modification. *Kennedy Inst Ethics J.* 2020; online ahead of print.
84. • Townsend KG. The child's right to genital integrity. *Philos Soc Crit.* 2020;46(7):878–98. **A sustained philosophical defense of the concept of a child's right to genital integrity.**
85. Tangwa GB. Circumcision: an African point of view. In: Denniston GC, Hodges FM, Milos MF, editors. *Male and female circumcision.* Boston: Springer; 1999. p. 183–93.
86. Tangwa GB. Bioethics, biotechnology and culture: a voice from the margins. *Dev World Bioeth.* 2004;4(2):125–38.
87. Toubia NF. Evolutionary cultural ethics and the circumcision of children. In: Denniston GC, Hodges FM, Milos MF, editors. *Male and female circumcision.* Boston, MA: Springer; 1999. p. 1–7.
88. Lightfoot-Klein H, Chase C, Hammond T, Goldman R. Genital surgeries on children below an age of consent. In: Szuchman LT, Muscarella F, editors. *Psychological perspectives on human sexuality.* New York: John Wiley & Sons; 2000. p. 440–79.
89. Davis DS. Male and female genital alteration: a collision course with the law. *Health Matrix.* 2001;11(1):487–570.
90. Arora KS, Jacobs AJ. Female genital alteration: a compromise solution. *J Med Ethics.* 2016;42(3):148–54.
91. Jacobs AJ, Arora KS. Punishment of minor female genital ritual procedures: is the perfect the enemy of the good? *Dev World Bioeth.* 2017;17(2):134–40.
92. AAP. Ritual genital cutting of female minors. *Pediatr.* 2010;125(5):1088–93.
93. Shweder RA. The goose and the gander: the genital wars. *Glob Disc.* 2013;3(2):348–66.
94. Shweder RA. Doctoring the genitals: towards broadening the meaning of social medicine. *J Clin Ethics.* 2015;26(2):176–9.
95. Duivenbode R, Padela AI. The problem of female genital cutting: bridging secular and Islamic bioethical perspectives. *Persp Biol Med.* 2019;62(2):273–300.
96. Hodson N, Earp BD, Townley L, Bewley S. Defining and regulating the boundaries of sex and sexuality. *Med Law Rev.* 2019;27(4):541–52.
97. Dembroff R. Beyond binary: genderqueer as critical gender kind. *Philos Imp.* 2019; online ahead of print.
98. Harrison J, Grant J, Herman JL. A gender not listed here: genderqueers, gender rebels, and otherwise in the national transgender discrimination survey. *LGBTQ Pol'y J.* 2012;2(2011–2012):13–24.
99. Richards C, Bouman WP, Seal L, Barker MJ, Nieder TO, T'Sjoen G. Non-binary or genderqueer genders. *Int Rev Psychiatr.* 2016;28(1):95–102.
100. Earp BD. Infant circumcision and adult penile sensitivity: implications for sexual experience. *Trends Urol Men Health.* 2016;7(4):17–21.
101. Werker PMN, Terng ASC, Kon M. The prepuce free flap: dissection feasibility study and clinical application of a super-thin new flap. *Plast Reconstr Surg.* 1998;102(4):1075–82.
102. Kigozi G, Wawer M, Ssettuba A, Kagaayi J, Nalugoda F, Watya S, et al. Foreskin surface area and HIV acquisition in Rakai, Uganda (size matters). *AIDS.* 2009;23(16):2209–13.
103. Papadopulos NA, Lellé J-D, Zavlin D, Herschbach P, Henrich G, Kovacs L, et al. Quality of life and patient satisfaction following male-to-female sex reassignment surgery. *J Sex Med.* 2017;14(5):721–30.
104. WHO. *Manual for early infant male circumcision under local anaesthesia.* Geneva, Switzerland: World Health Organization; 2010.
105. WHO. *Eliminating female genital mutilation: an interagency statement.* Geneva, Switzerland: World Health Organization; 2008.
106. WHO. *Traditional male circumcision among young people.* Geneva, Switzerland: World Health Organization; 2009.
107. Carpenter M. Joint statement on the international classification of diseases 11. *Intersex Human Rights Australia.* 2019; Available from: <https://ihra.org.au/35299/joint-statement-icd-11/>.
108. Macklin R. Not all cultural traditions deserve respect. *J Med Ethics.* 2016;42(3):155–5.
109. Shahvisi A. Why UK doctors should be troubled by female genital mutilation legislation. *Clin Ethics.* 2017;12(2):102–8.
110. • Onsongo N. Female genital cutting (FGC): who defines whose culture as unethical? *IJFAB.* 2017;10(2):105–23. **African feminist critique of common Western claims about non-Western FGC.**
111. Obiora LA. Bridges and barricades: rethinking polemics and intransigence in the campaign against female circumcision. *Case Western Res Law Rev.* 1996;47:275–378.
112. Njambi WN. Dualisms and female bodies in representations of African female circumcision: a feminist critique. *Feminist Theor.* 2004;5(3):281–303.
113. van Bavel H. FGM: zero tolerance to what? SOAS blog (University of London). 2018. Available from: <https://www.soas.ac.uk/blogs/study/fgm-zero-tolerance/>
114. • Earp BD, Johnsdotter S. Current critiques of the WHO policy on female genital mutilation. *IJIR.* 2020;online ahead of print. **Current overview of the main scholarly criticisms of the WHO policy on "FGM."**

115. Earp BD. Mutilation or enhancement? What is morally at stake in body alterations: Practical Ethics (University of Oxford); 2019. Available from: <http://blog.practicaethics.ox.ac.uk/2019/12/mutilation-or-enhancement-what-is-morally-at-stake-in-body-alterations/>
116. La Barbera MC. Ban without prosecution, conviction without punishment, and circumcision without cutting: a critical appraisal of anti-FGM laws in Europe. *Glob Jurist*. 2017;17(2):20160012. **Wide ranging study of the ethical and legal inconsistencies surrounding anti-FGM laws in Europe.**
117. Shell-Duncan B. The medicalization of female “circumcision”: harm reduction or promotion of a dangerous practice? *Soc Sci Med*. 2001;52(7):1013–28.
118. Edwards A. What is the dynamic between the ‘cosmetic versus cultural surgery’ discourse and efforts to end FGM in the UK? Oxford Brookes University; 2013.
119. Fish M, Shahvisi A, Gwaambuka T, Tangwa GB, Ncayiyana DJ, Earp BD. A new Tuskegee? Unethical human experimentation and Western neocolonialism in the mass circumcision of African men. *Dev World Bioeth*. 2020; in press.
120. Darby R. Moral hypocrisy or intellectual inconsistency? A historical perspective on our habit of placing male and female genital cutting in separate ethical boxes. *Kennedy Inst Ethics J*. 2016;26(2):155–63.
121. Earp BD. Does female genital mutilation have health benefits? The problem with medicalizing morality: Practical Ethics (University of Oxford); 2017. Available from: <http://blog.practicaethics.ox.ac.uk/2017/08/does-female-genital-mutilation-have-health-benefits-the-problem-with-medicalizing-morality/>
122. Bell K. Genital cutting and Western discourses on sexuality. *Med Anthropol Q*. 2005;19(2):125–48.
123. Carpenter M. The human rights of intersex people: addressing harmful practices and rhetoric of change. *Reprod Health Matters*. 2016;24(47):74–84.
124. Svoboda JS. Circumcision of male infants as a human rights violation. *J Med Ethics*. 2013;39(7):469–74.
125. WHO. Ending violence and discrimination against lesbian, gay, bisexual, transgender, and intersex people. Geneva: World Health Organization; 2015.
126. AAP. Diagnosis, management, and treatment of female genital mutilation or cutting in girls. *Pediatrics*. 2020;146(2) online ahead of print.
127. Brusa M, Barilan YM. Cultural circumcision in EU public hospitals - an ethical discussion. *Bioethics*. 2009;23(8):470–82.
128. Earp BD, Hendry J, Thomson M. Reason and paradox in medical and family law: shaping children’s bodies. *Med Law Rev*. 2017;25(4):604–27.
129. Clarence-Smith WG. Islam and female genital cutting in Southeast Asia: the weight of the past. *Finn J Ethn Migr*. 2008;3(4):14–22.
130. Duivenbode R. Reflecting on the language we use. *Islamic Horizons*. 2018;54–5.
131. Barstow DG. Female genital mutilation: the penultimate gender abuse. *Child Abuse Negl*. 1999;23(5):501–10.
132. Abdulcadir J, Ahmadu FS, Essen B, Gruenbaum E, Johnsdotter S, Johnson MC, et al. Seven things to know about female genital surgeries in Africa. *Hast Cent Rep*. 2012;42(6):19–27.
133. Ahmadu F. Male and female circumcision among the Mandinka of the Gambia: understanding the dynamics of traditional dual-sex systems in a contemporary African society. Saarbrücken: LAP LAMBERT Academic Publishing; 2016.
134. Andro A, Lesclingand M, Grieve M, Reeve P. Female genital mutilation. Overview and current knowledge. *Population*. 2016;71(2):215–96.
135. Merli C. Sunat for girls in southern Thailand: its relation to traditional midwifery, male circumcision and other obstetrical practices. *Finn J Ethn Migr*. 2008;3(2):32–41.
136. Merli C. Male and female genital cutting among southern Thailand’s Muslims: rituals, biomedical practice and local discourses. *Cult Health Sex*. 2010;12(7):725–38.
137. Douglas M, Nyembezi A. Challenges facing traditional male circumcision in the eastern cape. *Hum Sci Res Council*. 2015:1–47.
138. Wilcken A, Keil T, Dick B. Traditional male circumcision in eastern and southern Africa: a systematic review of prevalence and complications. *Bull WHO*. 2010;88:907–14.
139. Banwari M. Dangerous to mix: culture and politics in a traditional circumcision in South Africa. *Afr Health Sci*. 2015;15(1):283–7.
140. Schlegel A, Barry H. Pain, fear, and circumcision in boys’ adolescent initiation ceremonies. *Cross-Cult Res*. 2017;1(1):1–29.
141. Boyle GJ, Ramos S. Post-traumatic stress disorder (PTSD) among Filipino boys subjected to non-therapeutic ritual or medical surgical procedures: a retrospective cohort study. *Ann Med Surg (Lond)*. 2019;42:19–22.
142. DeLaet DL. Framing male circumcision as a human rights issue? Contributions to the debate over the universality of human rights. *J Hum Rts*. 2009;8(4):405–26.
143. Rashid AK, Patil SS, Valimalar AS. The practice of female genital mutilation among the rural Malays in North Malaysia. *Int J Third World Med*. 2010;9(1):1–8.
144. Rashid A, Iguchi Y. Female genital cutting in Malaysia: a mixed-methods study. *BMJ Open*. 2019;9(4):e025078.
145. Ahmadu FS. Rites and wrongs: an insider/outsider reflects on power and excision. In: Shell-Duncan B, Hernlund Y, editors. *Female “circumcision” in Africa: culture, controversy, and change*. Boulder: Lynne Rienner Publishers; 2000. p. 283–315.
146. Moxon S. Only male genital modification is “control” - the female form is competition by women. *New Male Stud*. 2017;6(2):126–66.
147. Fox M, Thomson M. Foreskin is a feminist issue. *Australian Feminist Stud*. 2009;24(60):195–210.
148. Fox M, Thomson M. HIV/AIDS and male circumcision: discourses of race and masculinity. In: Fineman MA, Thomson M, editors. *Exploring masculinities*. Farnham: Ashgate; 2016. p. 97–113.
149. Hodges FM. The antimasturbation crusade in antebellum American medicine. *J Sex Med*. 2005;2(5):722–31.
150. Earp BD, Yuter J. Is circumcision wrong? *Letter*. 2019; Available from: <https://letter.wiki/conversation/127>.

Publisher’s Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.