

Birth control continues to fail women, so why has nothing changed?

July 15 2021, by Bethan Swift and Christian Becker



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The hunt for a "[male birth control pill](#)" is a topic that often grabs

attention. But so far no products have been licensed for use, either because they haven't been effective enough, or because of [negative side effects](#)—including depression, mood disorders and acne—that halted trials.

Current contraceptive options for men are [limited](#) and [not always effective](#)—so it's no wonder research continues in this area. But, while this is important, it's critical that this isn't at the expense of improving contraceptives currently available for women.

Since the female birth control pill first [became available](#) in the 1960s, it has allowed many to control their own fertility and manage conditions such as dysmenorrhoea (painful periods), non-menstrual pelvic pain and heavy menstrual bleeding.

But despite these benefits, birth control options are still failing women. This is largely because of the [unpleasant side effects](#) many people experience when using them—which in some cases severely [decreases quality of life](#).

Women often have to put up with side effects when using contraceptives, such as irregular bleeding, bloating and headaches. In some cases, these side effects are more serious, and may include high blood pressure, [blood clots](#) and stroke. Research has also found a link between the pill and increased [risk of depression](#), as well as [decreased sexual desire and libido](#).

[Side effects](#) are the reason around one-third of women stop their contraception in the first year of use. Perhaps as a result, use of the contraceptive pill in the UK [decreased from 45% in 2015 to 39% in 2019](#).

It isn't just the pill that needs improvement. Long-acting reversible

contraceptives—such as inter-uterine devices (IUDs) and contraceptive implants—are used by around [12% of women](#) in the UK, but also come with their own side effects and disadvantages.

Like the pill, hormonal IUDs (a small device that is placed in the uterus, where it releases hormones) can [cause side effects](#) such as irregular or missing periods, headaches, nausea, hair loss, depression, and decreased libido. Even [non-hormonal IUDs](#) (such as the copper IUD) can cause heavier periods, longer menstrual cycles and increased pain—causing many women to have them removed early. Many women also report experiencing [painful IUD fittings](#)—often [without the use](#) of local anesthetic gels.

Finding a contraceptive method that works usually involves a lot of [trial and error](#). This is partly because clinicians don't have access to large-scale and detailed data which could help them predict which method will work best for different people. The presence of side effects and their severity differs between women, depending on their sensitivity to hormonal changes—and [potentially because of genetics](#).



Credit: AI-generated image ([disclaimer](#))

Need for improvement

There's a clear need for large-scale clinical trials into new and existing forms of birth control. Yet despite this, little investment is actually put into making this happen, and priority tends to be given to other areas of research. For example, between 2017 and 2020, there were only 23 [industry-funded clinical trials](#) into contraceptives, compared to [600 for cardiovascular drugs and 140 for treatment relating to eye disorders](#).

Most shockingly, only 2% of the revenue made by pharmaceutical companies selling contraception goes back into [research and development](#). Even when methods are improved or refined, they're often [not available worldwide](#) due to local regulations and [health systems](#).

Access to preferred contraception in the UK (such as specific brands) is also largely dependent on commissioning systems (which assesses needs, and plan purchasing and monitoring of health services in the NHS) and contraceptive budgets—which were [cut by 13%](#) between 2015 and 2018.

Such budget cuts may mean a person has to switch from a brand they're happy with to one that doesn't work as well for them. And though the UK has now allowed [progesterone-only pills](#) to be bought over the counter without a prescription, women still have limited ways to access birth control—and the costs associated with it may be too much for some.

Alongside these issues of access is a continued lack of research and development into women's contraceptives for a variety of different reasons. For one, there's little incentive to improve them, as it has already been proved that they prevent pregnancy. In addition, funding bodies are often interested in areas of research that affect all people—not just women—so funding will be prioritized to them. Many women will also continue using birth control despite side effects because they don't want to get pregnant—so many developers may not see improving formulations as necessary.

Although there's a clear need to develop better male contraceptives, much still needs to be done to address the inequalities women currently experience when it comes to sexual and reproductive health. The [Women's Health Strategy](#) has recently sought to collect views on women's health to ensure that women's voices are at the center of new health agendas—which will hopefully help inform policies, strategies and healthcare. There are also numerous trials ongoing seeking to [improve contraceptive options](#) for women.

But it isn't solely up to [pharmaceutical companies](#) to bring about changes—it will be up to regulators to listen to [women](#) when assessing

the effectiveness of new contraceptive methods, and clinicians, to listen to patients' concerns and questions.

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