Should COVID-specific arrangements for abortion continue? The views of women experiencing abortion in Britain during the pandemic

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ABSTRACT

Background During the COVID-19 pandemic, the British governments issued temporary approvals enabling the use of both medical abortion pills, mifepristone and misoprostol, at home. This permitted the introduction of a fully telemedical model of abortion care with consultations taking place via telephone or video call and medications delivered to women’s homes. The decision was taken by the governments in England and Wales to continue this model of care beyond the original end date of April 2022, while at time of writing the approval in Scotland remains under consultation.

Methods We interviewed 30 women who had undergone an abortion in England, Scotland or Wales between August and December 2021. We explored their views on the changes in abortion service configuration during the pandemic and whether abortion via telemedicine and use of abortion medications at home should continue.

Results Support for continuation of the permission to use mifepristone and misoprostol at home was overwhelmingly positive. Reasons cited included convenience, comfort, reduced stigma, privacy and respect for autonomy. A telemedical model was also highly regarded for similar reasons, but for some its necessity was linked to safety measures during the pandemic, and an option to have an in-person interaction with a health professional at some point in the care pathway was endorsed.

Conclusions The approval to use abortion pills at home via telemedicine is supported by women having abortions in Britain. The voices of patients are essential to shaping acceptable and appropriate abortion service provision.

INTRODUCTION

Significant changes to the nature and context of abortion provision are taking place in the UK, many of which were accelerated by the COVID-19 pandemic. Following the licensing of medical abortion pills at home, the British government issued temporary authorisation for both mifepristone and misoprostol to be used in a fully telemedical model of care, enabling women to have consultations via telephone or video call and medications delivered to their homes. This arrangement was initially scheduled to end in April 2022, but the approval in Scotland remains under consultation.

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the anti-progestogen mifepristone in 1991, the proportion of abortions performed using medication instead of surgery has risen year on year in Britain.\(^1\) The most used regimen involves a single oral dose of mifepristone followed 24–48 hours later by sublingual, buccal or vaginal administration of misoprostol, which induces pregnancy loss in a process very similar to miscarriage.\(^2\) Prior to the pandemic, for pregnancies under 10 weeks’ gestation, women could use misoprostol at home but were required by law to attend a registered abortion clinic or National Health Service (NHS) hospital to take mifepristone.\(^3\)

To reduce the risk of COVID-19 transmission and ensure continued access to abortion services, in March 2020 temporary approvals were granted by the governments in England, Scotland and Wales to permit both mifepristone and misoprostol to be used at home.\(^4,6\) Mifepristone could be used at home to 9 weeks and 6 days’ gestation in England and Wales and 11 weeks and 6 days’ gestation, as determined by guidance, in Scotland.\(^7\) In tandem, the Royal College of Obstetricians and Gynaecologists released COVID-specific guidance for abortion services to implement a telemedical service delivery model consisting of consultations by telephone or video call, estimation of gestational age using last menstrual period instead of routine ultrasound, and direct-to-patient delivery of abortion pills.\(^8\) In many parts of the world, self-administration of medical abortion at home has been common, in line with evidence demonstrating it to be safe, effective and acceptable to those having abortions.\(^9,10\)

Following the approvals, use of medical abortion increased, accounting for 88% of abortions in England and Wales from April–December 2020 compared with 77% in January–March 2020.\(^1\) Some 47% of early medical abortions were carried out with home-use of both medications. An associated decline in the gestational age at abortion was observed, attributed to faster access to treatment with the telemedical model.\(^11\)

The dispensation to allow home administration of both abortion medications was planned to end when the provisions of the Coronavirus Act 2020 expire, or 2 years after the decision was made, whichever was sooner. In March 2022, the Westminster Parliament voted to amend the Abortion Act to make the approval of home management of medical abortion permanent in England and Wales. The Scottish government have stated they will consider their position in the Autumn of 2022. In this article, we report the views of 30 women in Britain on the COVID-related measures, drawing on their experiences of abortion during a period in which these measures applied.

**METHODS**

**Sampling**

A purposive sample of 30 women with recent (past 2–8 weeks) experience of abortion was recruited between July and December 2021 from six sites: three independent-sector services commissioned by the NHS (a telemedicine hub in the North of England and in-person clinics in London and South West England) and NHS sites in Scotland, Wales and England (London). Inclusion criteria were: age 16 years and over, able to give informed consent, UK resident, and choosing abortion for reasons other than fetal anomaly.

Clinic or telehub staff introduced the study to potential participants after consent for the abortion was obtained and, with permission, passed the details of those interested in participating to team researchers for follow up, when willingness to take part was ascertained and a time for the interview established. Women having hospital-based abortions were recruited at initial assessment through their provider.

**Data collection**

Semi-structured, in-depth interviews were carried out by telephone or using video conference software according to the participant’s preference and, with their permission, audio-recorded and transcribed. Consent was recorded in the interview. A £20 high street voucher was offered in appreciation of the participant’s time. The interview guide captured women’s accounts of their recent experience of abortion. Opinions were specifically sought on whether temporary COVID-related measures governing provision should be permanent, drawing on women’s own experiences of abortion under these regulations.

**Data analysis**

Data were analysed using the Framework Method.\(^12\) An initial matrix was created into which summary data were entered, by case and by code. Codes of specific relevance to the study aims and research questions were applied a priori to the entire dataset. Transcripts were read and coded by pairs of researchers (ML, PL, RM, JR, RS, KW) and interpretive themes emerging inductively from the data were then identified, shared and agreed and added iteratively as analysis progressed, going back and forth between data and interpretation.

**Key messages**

**How this study might affect research, practice or policy**

- The NHS vision of health provision puts patients and the public first, where “no decision about me, without me” is the norm. Our findings support law and policy makers in applying this principle to recent developments in abortion care by making the permissions permanent.
Patient and public involvement
The central aim of this research was to allow voices of patients to guide the design of services. A Patient and Public Involvement (PPI) panel, established for the study, helped inform the study design and commented on the interview guide and Participant Information Sheet.

RESULTS
We interviewed 30 women aged 21 to 43 years old. Five women who initially agreed to participate in the study did not attend for the interview. Four had had surgical abortion and 26 a medical abortion. The characteristics of the participants are presented in table 1.

Awareness of COVID-related arrangements and views on their continuation
Not all women had been aware of the impact of COVID-19 on abortion provision, but support for the continuation of the revised delivery model was near universal. Only one woman in the sample demurred as she was against medical abortion in any form and had herself had a surgical abortion. Two women were unsure. Supportive responses included (participant ID in square brackets): “I think 100% they should continue with this” [05]; “Without a doubt, this is the way forward” [06]; “I can’t see any benefit to going back to the old way of doing things” [07]; “I really strongly feel it shouldn’t change” [22]; and “Definitely being able to do it on my phone and by post. You can’t compare” [30]. Women considered themselves fortunate to have been offered home management of both medications and saw it as a fortuitous, if unintended, consequence of the pandemic.

Factors influencing opinion
Convenience
Foremost among the reasons for favouring continuation of the current model of care was convenience.

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The fact that I could do it...at my convenience, and...because I just had to pop in and pick up a package.... I think it’s brilliant. I think it’s amazing. [10]

Being able to plan the timing of the treatment around work and childcare was a major advantage.

It meant that I didn’t have to take any days off work. I didn’t have to tell work anything, and that suited me, because I didn’t want anyone to know... it worked really well, and I was able to fit it into my life, rather than go out of my way and make it a bigger deal than what I wanted it to be. [02]

I think there should be the option of taking it at home. For a lot of women, it’s hard to balance their work life. In addition to stress that it can cause to your general life, and physically go to the clinic that may not be very close to you...especially if you’ve got other responsibilities at home such as children or caring duties, that option is very workable around your life. [03, comparing her recent abortion with a previous one]

Abortions were often scheduled to take place at the weekend, obviating the need for time off work and disclosure to colleagues, and also ensuring availability of support from friends and partners or for those living with parents or family, a time when privacy was assured – advantages recognised by clinic staff as well as patients.

They told me on the phone... “If you take the first pill on Thursday, and then do the second ones on Saturday then that means you can do it at the weekend”. [10]

Benefits were perceived for saving and planning time. Women with previous experience of abortion compared time wasted in travel, in repeat appointments and in lengthy waits at clinical facilities with the efficiency of the current arrangements.

If it was something that could remain, I would definitely prefer it...because you’ve got to go to so many appointments...you’ve got your original consultation and then you have to go back again for the first pill, and then for the second one, you would go back the next day. [12]

Where I live, it’s a good hour away from where the clinic is. So, with two kids the first time around, it was quite hard to get there because I’m sure it was 2 days in a row, not everything happened in the first day. The second time around [recalling a previous abortion] was a lot easier because everything was over the phone, through email, and it got posted out within the week after the final phone call. [25]

The new arrangements were also seen as a cost-saving, for women themselves through savings in travel costs and for the health service: “It’s probably much cheaper and more effective to just post it out”. [11]

Women commonly acknowledged that the benefits of the COVID-related arrangements would be even greater for those less advantaged, who might lack flexibility at work, opportunities for childcare, or the means to travel.

Home comforts

Home management was preferred by many for the comfort and privacy afforded: “I preferred to be in my own space” [12]; “…you want to lie in bed with a hot water bottle and just be on your own...” [15]; “If you’re going to be upset, you do not have an audience” [06], “It was great that I could take the four pills in my own home and in my own bed” [16]. Home management was also seen to reduce the possibility of encountering judgmental attitudes, whether on the part of clinical staff, people they knew, or protesters.

Even though that’s people’s jobs, you don’t know how they feel personally about it.... So there’s that fear of being judged, of feeling ashamed. To not have to actually see anyone face to face, was really great actually. [14]

There’s people that are against abortions.... What if it’s in your local area and people see you go in there? [04]

Increased autonomy

The self-regulation afforded by home management was also welcomed. Typical comments included: “you’re in control of the situation” [26]; “it’s on your terms” [06]; “it just felt like it was much more like my decision...wasn’t being done to me or anything like that” [18]. “It was completely up to me, it was very much my choice, my body [...] I took care of my own needs” [07]. Autonomy was considered especially important to women who had thus far seen themselves as lacking agency in their lives. “It’s not a great situation but it made it better by being able to have complete control of my own thing” [07].

Such views were widely expressed in support of continuation of COVID-related arrangements, but were tempered by comments from some to the effect that there was a balance to be struck between user autonomy and provider support. While many women felt relief and satisfaction at being able to self-manage their abortion, others would have welcomed a watchful eye. Their comments suggested that a little more oversight would have been welcome at various points in the care pathway, for example, to allay doubts over the ‘rightness’ of their decision; reassurance during the abortion that what was experienced was normal; and proactive call backs after the procedure to check that everything was fine. Some women had been able to collect the medication from clinics instead of having them posted, an option welcomed as allowing “at least one point of face-to-face contact with someone” [05].

The importance of choice

A strong consensus emerged on the need for choice, expressed in comments such as “I think you should...
have the option if you want” [19]; “I guess it’s just down to the individual person’s comfort” [04]; “I think the best thing you can do is give people a choice […] give as many different options as possible” [13]. The importance of tailoring care to individual needs was stressed.

I can see the benefits of both […] I might have preferred to actually take the tablet in the clinic because it feels almost like I’ve got hands to hold. […] But there’s some women who might […] want to take that time and do it when they feel ready. […] It’s not a one size fits all approach, everyone is in different circumstances […] To have the flexibility and the option for the woman to choose the way they prefer to do actually might be more beneficial. [09]

While virtually all the women interviewed, even those with less favourable experiences, saw the benefits of the COVID-19 arrangements as outweighing the costs, there was no sense that they should entirely replace previous models of care. Even those whose needs were fully met by remote support and home administration were able to envisage circumstances in which this might not be so. For women unable to be open about their abortion, for those less able to follow the instructions, and for those with less agency, the option of facility-based care alongside self-administration was seen to be optimal.

The option to go to the clinic should still be available because if you have a husband who opens your post then that can cause problems. [07]
For those that maybe have anxiety about not taking the pill at the right time, [or the] right way, being supervised while doing it works for them. So I think having that choice is really good. [03]

The dominant view then was that the current guidelines should be continued, not as a replacement but as an alternative option to what went before.

I personally think that having options is great. So if someone wants to do it at home, then they should be allowed to. If they want do it in the clinic, they should be allowed to do that as well. Because everyone, everyone’s different. I think giving people the choice is probably the […] ideal situation. [29]

**DISCUSSION**

**Summary of findings**
Continuation of the current COVID-related measures for abortion provision beyond March 2022 was emphatically and near-unanimously endorsed by women taking part in this study. Receipt of both abortion medications by post or collection, followed by home administration and management, was seen to save time and money, afford greater privacy and comfort, grant women more autonomy, and to be more easily accommodated into everyday life. Any disadvantages of the current arrangements, in terms of unmet need for in-person care and support, were seen as remediable through hybrid systems of abortion care, combining elements of home- and facility-based care, self-administration and provider assistance, and in-person and virtual support. The concept of choice was considered to be of utmost importance, as was the need to tailor models of abortion care to individual circumstances and preferences.

**Strengths and limitations**
Our study is unique in being the only Britain-wide study examining women’s views on the current COVID-related arrangements and policies for abortion with participants drawn from both independent providers of abortion care and NHS facilities. The methodological approach taken allowed women’s voices to be heard directly, providing access to their priorities and preferences, and so enhancing understanding of the meaning and significance of the abortion experience for them.

A weakness of this analysis is that all but four women were white, and the study did not include women aged under 20 years, thereby missing the opportunity to understand specific challenges or benefits in this age group. Further, women volunteering for interview may have occupied more extreme ends of the satisfaction spectrum, introducing a bias towards more positive or more negative views and experiences.

**Contextualisation and interpretation**
The COVID-19 pandemic has been an impediment to sexual and reproductive health services but it has also provided the impetus to new ways of working, an effect described as the “COVID-19 silver lining”. [13] In the context of abortion provision it has served to provide what might be seen as a ‘natural experiment’ in which the merits of a new model of care can be observed in the general population. Evaluation of the use of mifepristone as well as misoprostol at home predates the COVID-19 pandemic and is based on earlier experimental and quasi-experimental studies, and those based on selective samples such as women obtaining abortion medication online. The findings of these studies, namely that home management is feasible and acceptable, [9] [14–16] are consistent with those of our ‘real world’ study.

Our findings echo those of previous studies during the pandemic period demonstrating that self-management of early medical abortion at home, supported by telemedicine, is acceptable to most women who received this model of care. [17–19] No other studies, to our knowledge, have specifically asked women for their opinion on whether the current arrangements should continue after the period specified, but quantitative research based on samples recruited from specific abortion providers indicate that this would be the future method of choice for a high proportion of women. [18] [19] The view captured in our study that there should continue to be
a choice of model of care is reflected in other research, namely that one in five patients indicate a preference for inclusion of some face-to-face interaction.19

Implications for policy and practice
This study has shown self-managed early medical abortion facilitated by telemedicine to be not only acceptable to, but preferred by, many women. Other research has also shown it to be safe9 and cost-effective, resulting in significant cost savings for the NHS.20 This model of care of aligns with broader trends within 21st century health systems: recognition of the need for patient-centred approaches, shared decision-making in healthcare, and supported self-management – principles supported by advances in digital technology.21 It should be noted that the shift towards greater autonomy and self-regulation on the part of women managing their abortions was already underway before the COVID-19 pandemic, and has now been made permanent in England and Wales, hence our findings concerning women requiring more support will remain of key policy relevance.22

The strong plea from women in our study for choice must be heeded. Not all women are eligible for medical abortion and self-management is not feasible for all. The evidence from this study is that choice is important to women and needs to be interpreted not only in terms of alternatives to home management, but in models of care combining elements of face-to-face and remote interaction; patient-centred and provider-support, and home- and facility-based care. This accords with the articulated government position of support for greater involvement of patients in determining their care pathways23 and that of shared decision-making endorsed by the National Institute for Health and Care Excellence (NICE).24 The accumulating body of evidence makes a powerful case for establishing the use of mifepristone at home with medical abortion via telemedicine as a permanent option in the repertoire of abortion provision.

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Collaborators SACHA Study: Annette Aronsson, Paula Baraitser, Caroline Free, Louise Keogh, Clare Murphy, Wendy Norman, Jill Shawe, Sally Sheldon and Geoffrey Wong. www.lshtm.ac.uk/sacha.

Contributors RSF, PAL and KW conceptualised the study. All authors contributed to the study design and protocol. ML coordinated the ethical approvals. ML organised participant recruitment. PAL and SC facilitated fieldwork. ML, NS and RSF conducted recruitment. ML, RM, JR, NS, RHS and KW conducted the interviews. All authors participated in the data analysis and coding. PAL and KW wrote the first draft. All authors contributed to the final manuscript. This article reports on data collected as part of the SACHA Study: Shaping Abortion for Change, funded by the National Institute of Health Research (www.lshtm.ac.uk/sacha). Collaborators of the SACHA Study provided feedback on all stages of the study.

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Patient consent for publication Consent was obtained directly from patient(s).

Ethics approval This study involved human participants and ethical approval was obtained from the Research Ethics Committees of the British Pregnancy Advisory Service (Ref. 2021/02/WEL), the London School of Hygiene & Tropical Medicine (Ref. 22761) and the National Health Service (NHS) (Ref. 21/LO/0236). Participants gave informed consent to participate in the study before taking part.

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REFERENCES
Original research


