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REVIEW

The decision to opt for abortion

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Key message points

- Most women reach a decision to have an abortion rapidly
- Most women have reached their decision before the consultation with the abortion provider
- Certain women who have risk factors for post-abortion psychological reactions should be targeted and offered counselling
- Pregnancy options counselling should not be mandatory
- 'Cooling-off' periods lead to abortions at later gestations

Introduction

More than 200,000 women go through with an abortion each year in Great Britain^{1,2}. There is extensive experience of providing abortion care; with this are associated some widely-held but inaccurate views on how to assist (or in some cases obstruct) women at the decision-making stage. The so-called 'post-abortion traumatic stress syndrome' is not recognised by national or international bodies of psychiatrists³. This review will demonstrate the wealth of evidence relating to abortion decision-making and will show how some common policies and service delivery practices are out of step with that evidence.

This review starts by examining why women choose abortion and then looks at how this decision is reached. Finally, evidence is presented regarding the need for counselling.

The review does not cover peri-abortion contraceptive use or men's experiences of abortion. Nor does it consider research on the practicalities of the referral process, administrative reasons for delay and attitudes of professionals consulted. Consideration of psychological consequences of abortion is limited to predictors of poor outcome. Abortion for fetal abnormality is not included. There are reviews, guidance or recent studies covering all these topics⁴⁻⁹.

Only studies from developed countries are cited because of major differences in health systems. Only studies from settings with well-established legal abortion are cited because of the distorting impact on decision-making of restrictive legal systems,

illegality or emphasis on psychiatric grounds. In this context, studies from the early years of legalised abortion are not given undue weight as professional opinion, not to mention societal values, change and in time less emphasis is placed on psychiatric assessment.

Scientifically rigorous studies on the emotions, psychology and psychiatry are hard enough. But in the field of abortion there are particular difficulties. Women who choose abortion cannot ethically be subjected to endless questions on how they feel; baseline assessments before pregnancy are impossible and these women tend to be resistant to follow up. Nevertheless, attempts at such studies are present in the literature.

A literature search was conducted for the years 1967 (the year of the passage of the Abortion Act) to the present using the terms “pregnancy” or “abortion” and “decision” or “counsel” as textwords in MEDLINE, POPLINE, CINAHL and PsycINFO.

Readers will see from the reference list that many studies identified are from the 1970s and 1980s. In the author’s opinion there are still applicable general principles in these studies even if methods of service delivery have moved on. If anything, the degree of psychological disturbance experienced by women nowadays is likely to be less as society has generally become more accepting of abortion.

The decision-making process

The decision-making process can be divided into five stages¹⁰:

- acknowledgement of the pregnancy
- formulation of options: to continue the pregnancy and keep the baby, to continue the pregnancy and offer the baby for adoption or to undergo abortion
- selection of abortion or continuation of the pregnancy by a balancing exercise
- commitment to the chosen outcome
- adherence to the decision

The subject of adoption is beyond the scope of this review; readers are referred to the British Association for Adoption & Fostering (Saffron House, 6-10 Kirby Street, London EC1N 8TS <http://www.baaf.org.uk>).

A small study of Californian women having a pregnancy test showed that 78% had already decided on the outcome of a pregnancy, if this were to be confirmed¹¹; of those women who had decided in advance of hearing the test result, 88% were highly certain of their decision. The same phenomenon was seen in a small Swedish study¹². Deciding upon a course of action in principle before a pregnancy happens may facilitate adjustment because coping efforts are initiated upon learning of the pregnancy rather than after the period of time needed to reach a decision *de novo*.

More than 40% of women who eventually go through with an abortion experience a degree of shock when they learn they are pregnant¹³. Other reactions are anger and disbelief, especially in those for whom it is a first pregnancy¹⁴. Women describe feelings of suspension of normality, lack of control, isolation and disempowerment. Some women experience a sense of having been irresponsible expressed as feelings of shame, stupidity and guilt. Correlates of high levels of distress before an abortion are fear of negative effects on the relationship, unsatisfactory relationship and not having had a child¹⁵.

For some, the decision seems obvious and there is no internal struggle. However, for everyone making a decision around a major life-event, it is a normal part of the decision-making process to experience ambivalence (the simultaneous existence of two opposed and conflicting attitudes or emotions)^{16;17}.

The decision to opt for abortion is made rapidly on hearing that they are pregnant by more than half (56 – 72%) of Scandinavian women who ultimately decide on abortion¹⁸⁻²⁰. Among 231 British women opting for abortion, 48% said they had never considered continuing the pregnancy and 58% said they had made up their minds before they first saw a doctor¹³. Among women who had considered continuing, 19% of the total said they had only considered it right at the beginning and a further 13% of the total said they considered it from time to time. Three per cent of the total said they considered it right up to the night before the abortion. More than 85% of Norwegian women seeking abortion were sure about their decision before being seen at the hospital²¹.

Reasons for opting for abortion

In general, the reasons given by women for opting for abortion have outweighed any opposing reasons for continuation of the pregnancy²². The options have been

weighed in a 'balance sheet' approach. The more factors that are taken into account, the more likely the decision will be a satisfactory one¹⁰. The more effort put into considering the various influential factors, the less likelihood there is of post-decisional regret.

The decision to opt for abortion by those faced with an unintended pregnancy is typically motivated by diverse and often interrelated reasons based on individual circumstances at that particular moment in time²³. Most women give concern for or responsibility to other individuals as a factor in their decision. It should be borne in mind that in England & Wales, 47% of women undergoing abortion have one or more children¹. Women feel responsible to children and other dependants, as well as considering children they may have in the future²⁴.

The main groups of reasons given by those opting for abortion are^{13;23;25-28}:

- Conflicts with job, education or existing children/dependants
- Financial and housing constraints
- Poor partner relationship, with the contemplation of single motherhood
- Family complete
- Not ready
- Lack of maturity

In a US study comparing women seeking abortion with those having antenatal care, whether the partner wanted a baby with them was a powerful influence on the likelihood of them seeking abortion²⁸. Reasons for having an abortion vary considerably by age²⁹. Younger women who have not begun their child-bearing often report that they are unprepared for the transition to motherhood²³. Older women tend to express responsibilities toward existing children or other dependants as the key reason behind their decision to opt for abortion.

Involvement of partner, significant others and professionals

The first thing most women do when they suspect they are pregnant is to talk to somebody¹³. These informal discussions are highly influential in the decision-making process^{13;30}. Those who speak to no-one apart from health professionals are more likely to be those who are separated, divorced or widowed¹³.

In an interview survey of women in southern England who had already decided on abortion, their pregnancy had been discussed with an average of 5.6 others³⁰. In this study, the people most frequently involved in those discussions were gynaecologists, general practitioners, pregnancy counsellors, boyfriends, girlfriends, mothers and husbands. Of those people nominated by the women as their key discussants, pregnancy counsellors and girlfriends were most frequently reported to be able to ensure full discussion, followed by husbands, boyfriends and mothers. In 39% of key discussions, the woman had a clearer idea of her course of action. A decision to opt for abortion was present in 72% of cases after the first discussion, rising to 86% and 89% after the second and third discussions respectively. Fewer than 10% of women feel that they have been influenced by someone else in the decision to opt for abortion²⁰.

Ambivalence and fantasy

Most studies are designed to record either/or thinking and linear logic which makes it impossible for respondents to express both positive and painful feelings¹². As has already been stated, ambivalence is defined as the presence of simultaneous conflicting emotions. Although ambivalence has been shown to be a predictor of poor outcome after abortion (see below), feelings of loss and guilt do not necessarily indicate that women later regret their decision or regard it as wrong³¹. Abortion can be experienced as a relief and simultaneously as a loss coupled with feelings of grief. Feelings of ambivalence are an indication that abortion has a price, which implies that it is a more or less painful solution to an unwanted pregnancy. More than half of women experience conflicts of conscience in connection with the abortion¹². Sometimes ambivalence is florid enough to hamper the decision.

Other research has reinforced the importance of non-rational processes in the abortion decision³². Women facing a pregnancy options decision have been shown to experience a wide range of fantasy processes. The majority of women entertained positive fantasies about ending the pregnancy, and fantasies of maternal detachment and pregnancy aversion. Despite the presence of a diverse range of fantasies virtually all women endorsed the statement 'I think I should make my decision purely on the basis of practicalities'.

About one quarter of women who undergo abortion have experienced some degree of ambivalence during the decision-making process¹⁹. By the time Scandinavian women are seen by specialist services, the extent of ambivalence has subsided to around 10%^{17;18;20}. In a British study from the early 1980s, 20% of women still showed significant ambivalence when seen at the hospital³³. Ambivalent women are at higher risk of poor psychological outcome than non-ambivalent women³⁴⁻³⁶. Serious self-reproach following abortion is more frequent when women have been pressured in their decision by others³¹.

In a Danish survey of women carried out two days before their abortions, ambivalence was associated with opposition to abortion before becoming pregnant and with influence on the decision by financial/housing considerations¹⁹. In this study, 16% of ambivalent women stated that their partner had made the decision to opt for abortion, whereas this figure was only 1% for non-ambivalent women. Ambivalent women were also significantly more likely than non-ambivalent women to say their decision might have been different under other personal circumstances (mainly if their partner had wanted continuation of the pregnancy or if their financial situation had been better¹⁹).

Change of mind

It is well known that women requesting abortion do change their mind. Change of mind is correlated with the degree of ambivalence. All abortion providers see occasional cases of women backing out at the last moment, even in the anaesthetic room. In a Swedish study of 1,419 women who requested abortion, 1,285 (88%) subsequently went through with an abortion³⁷. The remaining 134 chose to continue the pregnancy. Of those who had an abortion, 7% were in the second trimester whereas of those who continued the pregnancy 25% were in the second trimester. There were no striking socioeconomic differences between the groups.

Delay and late presentation

Delay can be attributed to blocks at one or more of the various stages of the decision-making process^{10;38}. What has been termed the 'recognition threshold' for a pregnancy varies from person to person¹⁰; a high threshold may be associated with denial or other defence mechanisms³⁹. Second trimester abortion is correlated with pre-existing social chaos, psychiatric illness, poverty, lack of access to medical

information and care, extreme youth and other factors independently associated with psychosocial risk⁴⁰. Ambivalent women present later in pregnancy^{41;42} and with more likelihood of psychological disturbance⁴². Subtle and complex psychodynamic factors probably operate in some women presenting late for abortion⁴³. Very little is understood about denial of pregnancy⁴⁴ and whether or not this ultimate form of delay could be related to an extreme form of ambivalence. Emotional factors such as being in denial have been shown to be associated with a longer interval between missed period and obtaining a pregnancy test⁴⁵.

Young people

For some young women, the decision to have an abortion is the first important decision of any type they have had to make. Young women make their decisions on abortion later than older women¹⁸. This is reflected in the abortion statistics: 14% of under 20 year olds have second trimester abortions, whereas the figure for those aged 20 and over is 10%¹.

Delays in pregnancy diagnosis often result in young women having to make their decision quickly⁴⁶. In the British survey of women who had decided on abortion, the vulnerable position of younger women stands out³⁰. Younger women discussed their pregnancies with a larger number of people and were more likely to perceive key discussants as being opposed to abortion. These factors tend to militate against early and stable decision-making.

Young women have complex conflicts including denial, fantasies of the boyfriend marrying and rescuing them and fear of the boyfriend's and parents' response⁴⁷. Some young women conceal their pregnancy to avoid facing up to making a decision^{48;49}.

Who needs pregnancy options and pre-abortion counselling?

The term counselling is widely used in a loose sense to include provision of basic information. The techniques and materials used in such information provision are not examined here. It is best practice that all women receive objective, evidence-guided information to support them make their choice around their unintended pregnancy and that health professionals will check that this information has been received and understood. Such information is produced by the fpa and RCOG.

Pregnancy options (decision) counselling provides women with time to look at their pregnancy and situation, explore all possible options and to make an informed choice when they feel ready to do so in as non-threatening environment as possible^{16;50-52}. Pre-abortion counselling should make women feel supported and confident in the choice they have made. The literature focuses on the former.

In this review the term counselling is used in its purer sense. Despite the fact that hard evidence of the benefits of abortion counselling is rare¹⁶, most would agree that such counselling should be available⁵³. The emphasis should be on what meaning in psychodynamic terms the pregnancy and abortion has for a particular woman at this time in her life⁵⁴. The abortion and its antecedents can be viewed as a crisis in her life and the opportunity seized to take stock of her life. Women may be more accessible to help than at a later stage when they have consolidated their defence mechanisms³⁹.

A definite answer may not be immediately forthcoming following pregnancy options counselling. Nevertheless, time is of the essence in relation to abortion, so those doing the counselling may need to be more focused and direct than in other types of counselling work. Counselling should be confidential, non-directive, non-judgemental, supportive and understood by the woman to be independent of any assessment for legal approval for abortion^{50;51}. Women sometimes feel they have to 'make a case' for their abortion as they feel judged and stigmatised by the health professionals they are seeing. Women 'making a case' in this way tend to suppress their doubts and anxieties. An integrated care pathway for discussing pregnancy options has been developed⁵⁵. Greater use of such integrated care pathways would improve both the coordination and the consistency of abortion care.

In a New Zealand study of 287 consecutive women undergoing abortion, 94% said that they had already made their decision prior to counselling and 4% reached their decision during the counselling session⁵⁶. In a study conducted in 1979, 162 English women requesting abortion were interviewed by a medical social worker; after counselling, 15 women (9%) had decided to continue with their pregnancies³³.

The following factors have been identified by experienced counsellors as predictors of poor psychological outcome following abortion⁵⁷. The first two of these factors are supported by hard evidence:

- a history of mental health problems^{34-36;58-62}
- poor practical or emotional support from family and friends^{26;63;64}
- possibility of being coerced by parents, family members, partners or others³⁴
- emotionally, physically or sexually abused or subjected to neglect
- adopted
- children of teenage and/or single mothers
- a history of previous abortion, stillbirth, miscarriage or other gynaecological problems
- adolescents, particularly under-16s
- experience of other losses in life
- pregnancy initially wanted but circumstances changed
- emotional responses seem extreme e.g. very upset, calm, distant or jovial
- a religious, cultural or societal background with anti-abortion or strongly held moral views⁵⁹
- late gestation

In Sweden, counselling has been shown to be used more often for women who have not already made a decision in principle before becoming pregnant¹⁸. Women who should be targeted as potentially in need of counselling are the minority who have been identified as overtly ambivalent or who belong to one of the above groups. Of these the most important are probably a history of mental health problems, lack of support and suspected coercion⁶⁵. However, it must always be borne in mind that counselling is, by definition, something that is freely entered into and it should not be imposed⁶⁶. Even when counselling is taken up and carried out by professionals, satisfactory outcomes are only possible when the woman expresses her feelings openly. There are occasional cases of subsequent regret in which pertinent feelings and facts have been deliberately or unintentionally concealed by the woman during counselling.

As to who should do the counselling, counsellors themselves recommend only those who are trained to diploma level on a course recognised by the British Association for Counselling and Psychotherapy (15 St John's Business Park, Lutterworth, Leicestershire LE17 4HB <http://www.bacp.co.uk>)⁵⁷. Primary care professionals found in an audit that only two of about 300 consecutive women requesting abortion needed referral; the others were counselled by general practitioners or practice

nurses⁶⁷. Most community-based NHS abortion assessment services are now nurse-led; nurses are well able to provide counselling^{52;68}.

When the women themselves were asked whether they thought they needed to talk to a doctor about the decision to have an abortion or not, two thirds thought it unnecessary¹³. A qualitative study in London showed that most women do not expect health professionals to get involved in the decision-making process⁶⁹. Health professionals are often not responsive to women's needs. Being required to discuss the decision on more than occasion with different health professionals is particularly inept on the part of service providers. However, those who do not discuss their decision with friends or family may welcome the opportunity to do so with professionals. Those who are targeted for counselling should be given a clear explanation that the purpose is not to change their mind or to question their decisions.

Discussion

The fact that a majority of women have already made up their mind about an unintended pregnancy before it is confirmed is something that is not widely recognised. What is perhaps more widely established is that many women make their decision rapidly and that they are sure about their decision. Any lingering doubts tend to be dispelled by discussions with family, friends or primary care professionals; these discussions largely occur before contact with secondary health services. Therefore, for a large majority of women requesting abortion, the concept of providing an optimal environment for them in which to reach their decision is redundant and options counselling is superfluous.

Nevertheless, for the significant minority who in contrast are undecided, suitable services need to be available. Women themselves are clear that they do not want mandatory options counselling and the evidence cited in this review supports this position. Nevertheless, all women should be asked if they are sure about their decision and if they have been subjected to pressure or coercion from any quarter in making that decision. Anyone identified as unsure or under pressure should be offered options counselling. The concept of mandatory counselling, as in 32 of the 50 States in the USA, is unscientific. In this context counselling is more information provision than true counselling, but the content of the mandatory information to be

provided is inaccurate in many cases, for example a purported association between abortion and breast cancer⁷⁰.

Women requesting abortion should be screened for indecision, coercion and for predicting factors for poor outcome. Making women who have reached their decision wait for their procedure creates further unwarranted anxiety for the woman and increases the risk of morbidity⁷¹ and mortality⁷² from abortion. Same-day ('lunchtime') abortions, where women have their treatment initiated or completed on the day they are assessed by the abortion provider, have been in existence for some years. Such a service has not been formally evaluated; such studies would be useful. Nevertheless, there is no suggestion that same-day abortions are unsafe from a psychological perspective. A compulsory waiting or 'cooling off' period is enshrined in abortion law in countries such as Belgium, France, Germany, Italy and the Netherlands and in 24 of the US States; this is nonsensical for women who have made their decisions by the time they present to health professionals. Cooling off periods start from the time the woman is seen by a professional and vary from 24 hours to seven days. There is no evidence that such a cooling off period protects women's mental health. In addition, such laws have been shown to lead to a shift towards the performance of abortions at later gestations⁷³. Attempts in this country through Ten Minute Rule Bills in October 2006⁷⁴ and June 2007⁷⁵ to introduce cooling off periods together with mandatory counselling were rejected on both occasions.

In the UK, the Department of Health requires that providers outside the National Health Service who may refer women directly to clinics and hospitals, are registered as Pregnancy Advisory Bureaux by the Secretary of State⁷⁶. The House of Commons Committee on Science and Technology recommended that, to ensure that no patients are misled, the Government should consider ways of ensuring that all those claiming to offer pregnancy counselling services make the information recommended in the Royal College of Obstetricians and Gynaecologists guideline⁷¹ available, or indicate clearly in their advertising if they do not support referral for abortion⁷⁷. The Government has undertaken to work with the Committee of Advertising Practice to consider whether an advertising code applicable to pregnancy counselling would be appropriate⁷⁸. The need for the recent tightening of General Medical Council guidance on conscientious objection⁷⁹ indicates that all is not well with the way that pregnancy counselling is being conducted in the NHS either.

For women who display a pathological degree of ambivalence or who have predicting factors for poor outcome, individualised care should be offered. Professional counselling should be on hand for those who request it. Women may need more than one counselling session. In very rare cases a psychiatric opinion may be indicated. Inevitably there will be tensions between time needed for the decision-making process and advanced gestation. But it can never be right for a woman who is clearly undecided to be forced into an abortion. That is not to say that it is in any way wrong to reserve appointments for individuals that can be cancelled if they are not needed⁷⁶.

It appears that many women make decisions about an unintended pregnancy in principle as an abstract concept before they are in this position. This may explain why most women make rapid decisions when they face an unintended pregnancy. A majority of women have had full discussions with those they trust before reaching abortion providers.

All women need evidence-guided information in order to make a fully-informed decision. All women need a sympathetic and supportive milieu but few need formal counselling. Pregnancy options counselling should not be made mandatory as government policy or national law.

It would appear that bringing all women requesting abortion back for further discussions after they have made initial contact with primary care services is both unnecessary and harmful. Similarly, building time into abortion services for all women to reflect on their options is also unnecessary and harmful. Attempts to introduce mandatory counselling into the law should be resisted on scientific grounds.

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