

Impact of erectile dysfunction and its subsequent treatment with sildenafil: qualitative study

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Abstract

Objectives To determine the effects of erectile dysfunction and to explore the impact of treatment with sildenafil (Viagra).

Design An exploratory qualitative study with semistructured interviews.

Setting Men's health clinic in NHS hospital.

Participants 40 men who had had erectile dysfunction and had attended the clinic during the year before interview.

Main outcome measures Impact of erectile dysfunction on men, their expectations of sildenafil, and impact of treatment on men and their relationships. Issues explored with exploratory qualitative approach.

Results Erectile dysfunction caused serious distress to all those men who experienced it, with marked effects on their self esteem and their relationships. Sildenafil, when it worked, caused a great improvement in wellbeing. The expectations raised by media hyperbole with the launch of sildenafil had an adverse effect on the morale of those who found it did not work. When, according to the patient, treatment did not work, the distress was severe and for many confirmed their lack of self worth.

Conclusions Further study is needed to explore the feelings of men affected by erectile dysfunction and their perception of treatment. Health professionals should be aware of the extreme distress erectile dysfunction can cause.

Introduction

Research has identified a high prevalence of erectile dysfunction in men.¹⁻³ Despite the awareness of the importance of psychogenic factors as a cause of erectile dysfunction, comparatively little attention has been given to the psychological and social impact of erectile dysfunction and its subsequent treatment.⁴⁻⁶ Some studies suggest this impact is considerable.⁶⁻⁷

In 1998, the first oral treatment for erectile dysfunction, a phosphodiesterase inhibitor called sildenafil (Viagra), became available. The assumption that sildenafil was a "cure" for erectile dysfunction raised high expectations for the treatment, sustained by high levels of media interest through television, mainstream press, and the internet.⁸⁻¹¹ However, not all

men find that the tablets work successfully,¹² potentially generating further psychosocial concerns.

We carried out a qualitative study to determine the impact that erectile dysfunction had on participants' self esteem, relationships, and welfare, as well as exploring their expectations of sildenafil as a treatment and the impact its success or failure had on their morale. We did not include partners because our focus was specifically on the patient as an individual rather than on the relationship dynamics between the patient and his partner.

Methods

We undertook an exploratory qualitative study of the experiences of a random sample of 40 men prescribed sildenafil who had attended a men's health clinic in the 12 months before the study.

All participants had first been prescribed sildenafil at the men's health clinic by JT, who discussed the treatment in a neutral manner, ensuring that any expectations of sildenafil were not altered as a result of the consultation. We divided the 302 new referrals to the clinic that year into two categories: those for whom sildenafil was successful and those for whom it was not. The definition of success was the patient's, which was always defined as achieving successful penetrative intercourse. Failure was not being able to get an erection firm enough to penetrate. Within each category, respondents were selected randomly and potential participants were then contacted by telephone. Those who were interested were sent an information sheet about the project and a consent form, until 20 in each group had agreed to participate. Only one man refused.

The age range of respondents was 22-72 years with a median age of 51.8 years. We used semistructured interviews to identify and explore the men's experience of taking sildenafil. Given the sensitivity of erectile dysfunction, we considered that all participants should be interviewed by JT, who had seen them in the clinic, and not by an outside researcher. In accordance with a semistructured approach, the interviews were conducted with an interview guide constructed on the

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Number of participants* who raised main themes regarding sildenafil in treatment of erectile dysfunction

Theme	No of participants
Impact of erectile dysfunction:	
Emasculation	12
Depression	5
Fall in self confidence	6
Disbelief that it affects men below retirement age	3
Belief they were letting down partners	9
Anxiety that their partner would go elsewhere	6
Inability to discuss problem with partner	15
First heard about sildenafil via media	28
Expectations of sildenafil:	
Very high	11
Instant erection	4
Cure problem	15
Impact of sildenafil when successful:	
Return to manhood	6/20
Happy	10/20
Impact of sildenafil when not successful:	
Severe disappointment	19/20
Complaints of lack of spontaneity	10

*Total is 40 unless stated otherwise.

basis of issues defined in what little literature that does exist and JT's professional experience within the clinic. However, the guide was flexible to allow us to include new issues raised by the participant and was amended to reflect recurring themes.¹³

All interviews were audiotaped and subjected to a thematic analysis.¹⁴ We analysed the first six transcripts independently and met to agree a coding strategy. This coding was used for the remaining transcripts and amended as new themes emerged.

We carried out a process of progressive focusing and clustered the topics identified into a set of emerging themes after reading the interview transcripts.¹⁵ After this, we identified responses relating to individual themes and then organised them into sub-themes (table).

Results

Initial reaction to erectile dysfunction

The most common initial reaction to erectile dysfunction was a sense of emasculation. For many men, the ability to perform sexually and to satisfy their partner was an important marker of their masculinity:

I suppose in the most simplistic terms, I associate getting an erection with being a man.

I've got to the point now where ... if I was to walk out of here and meet a drop dead gorgeous woman ... [I'd] think "Well, it's pointless chatting her up, because I can't do anything" ... You are not a man if you can't get an erection ... nobody's going to have any respect for you if you can't get a hard-on.

A decline in confidence did not just affect sexual relationships but also had an impact on day-to-day relationships with friends and work colleagues:

Oh it was knocking [my morale] terrible ... I work with other men and I think it [my impotence] knocked my confidence in certain ways. Not outwardly. Outwardly, it always seemed that I was one of the lads and that I was okay ... but inside ... I didn't feel that I was matching up to them ... I just felt that I wasn't as good as them basically.

Participants often felt isolated and were despondent because of their belief that erectile dysfunction affects only older men, so that they were "old before their time." This despondency was exacerbated by the feeling that the condition was irreversible and meant giving up sex for the rest of their lives.

I'd got to a point where I thought it's no good, I can't live like this. I was only 46 ... I could see myself going for however much longer I've got, without ever making love again ... You feel as though you're the only one ... You're the only one in the world.

Erectile dysfunction raised further concerns about the impact on the participants' relationships with their partners. Almost a quarter of them thought that they were "letting down their partners" by not being able to satisfy them sexually. Six were so concerned about the consequences of erectile dysfunction on their relationship that they were worried their partners would go elsewhere or, as one put it, "if I can't keep an erection, I'm not going to keep a woman." Fifteen were unable to discuss erectile dysfunction with their partners, principally because of a sense of avoidance or because they felt "belittled" by the condition.

Expectations of sildenafil before treatment

Most respondents (n = 28) first heard about sildenafil on television or in newspaper articles. In most cases, participants had high expectations of sildenafil before taking it, often because of media reporting. Many expected to gain an instant erection easily and immediately before sexual intercourse. Other expectations ranged from having a "full" and even "uncontrollable" erection to having a 100% success rate with sildenafil:

I was expecting [sildenafil] to cure my problem instantly, to take this pill, to have an erection almost within five minutes of taking it, then perform wonderfully.

Respondents described the media coverage as giving the impression of creating an abnormally large erection or a very long lasting one:

All the media that surrounds it [sildenafil] gives you the impression that men are walking around with massive erections all the time.

I had very high expectations but then that, I suppose, is down to the media and the old stories about people taking one [sildenafil] and can't get rid of a hard-on for God knows how many hours.

Reactions to successful treatment

Most men for whom sildenafil had been successful felt happy and elated at being able to attain an erection: "I could have thrown open the window, shouted 'Eureka' ... and beat my chest like an apeman." This "return to manhood" generated a sense of wellbeing and confidence:

[Erectile dysfunction] does get you down. It ... stunts your confidence because you just feel inadequate, and now I just feel more confident ... it just generally makes you feel more confident and believe more in yourself.

This confidence did not just centre around being able to perform but was also important in being able to satisfy the sexual needs of his partner.

Reactions to unsuccessful treatment

Patients' perception of failure was related to their high expectations. There was an assumption they had to take only one pill for all to be well. When this did not

happen, hopes fell. Most tried again, but a second failure confirmed their negative feelings. "If I could tell you how empty I feel ... it's almost like a bereavement when you've lost something." Many believed they would never have sex again:

I thought, "Well this is my last chance, and [then] they don't work ... they are supposed to work on 80 year olds and they're not even working on me"—and I felt my last chance had gone.

All respondents who thought that the treatment had been unsuccessful expressed a considerable degree of disappointment. Often respondents attributed this to media hyperbole:

There was a big hype in the press—"This is the be-all and end-all, the wonder drug." And I thought "Great, this is the way to go." And then when you try it and nothing happened—massive disappointment.

It was evident that respondents who felt devastated or who believed that there were no other possible treatments had usually had very high initial expectations of the drug and gave numerous reasons why they thought that sildenafil had been unsuccessful. Many thought the treatment was a failure because of a lack of spontaneity in having sex or because their sex life depended on therapeutic treatment:

It's not spontaneous, it's planned. I wish I didn't have to take it, obviously.

It's clinical now ... sex has become medical as opposed to spontaneous.

Discussion

Impotence has a considerable impact on men, with most more deeply shocked than generally realised, their masculinity and self esteem being particularly affected. Whether the cause is psychogenic, physical, or mixed, the effect is the same. Their sense of masculinity is battered, with profound effects on their feeling of worth to their partner and in the workplace.

The launch of sildenafil generated high, sometimes unrealistic, expectations. Where it was successful, a renewed self confidence occurred, particularly in existing relationships or in forging new ones. For some, sildenafil did not work the first time and the blow was severe. Some men were so disappointed that they did not try again. Many thought they had failed yet again in their life, adding to their already existing feeling of worthlessness.

Erectile dysfunction has a major psychosocial impact on men, and health professionals might also anticipate an impact on personal relationships. The media have had a major effect on expectations of the effects of sildenafil, and less sensational reporting would have lowered those expectations to the patients' benefit.

We have shown that more sensitive and reliable measures need to be developed to detect the results of treatment and especially the effects of failure on the men with erectile dysfunction.

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Ethical approval: North and Mid Hampshire Local Research Ethics Committee (LREC) 257/B.

What is already known on this topic

Impotence carries a social stigma and is a source for jokes

Sildenafil is the first oral treatment to be effective, and, as a result, there has been an enormous amount of media attention

What this study adds

Men are more shocked by impotence than has generally been realised, with their self esteem and sense of masculinity being severely traumatised

Personal relationships can be badly affected, embarrassment is acute, and misery is generally suffered alone as many feel unable to talk about it to their partners, friends or colleagues, but worry about the consequences

Expectations of sildenafil are high, led by the media, and the higher the initial expectations of sildenafil, the more extreme the disappointment with failure

Patients define success or failure of treatment in their own way and if they feel sildenafil failed, they are even more devastated.

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Endpiece

Growing old

Growing old—it's not nice, but it's interesting.

August Strindberg (1849-1912),
Swedish playwright and novelist

Fred Charatan, retired geriatric physician, Florida