

The Experience of Infertility Treatment: The Male Perspective

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Complete List of Authors:	Arya, Shafali Talisa; Brunel University, Psychology Dibb, Bridget; Brunel University, Psychology
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1 2	1	<u>The Experience of Infertility Treatment: The Male Perspective</u>
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4 5	2	
6 7	3	Abstract:
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10 11	5	Current research surrounding infertility is focused primarily on women alone, thus removing
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13 14	6	men from the fertility equation. However, alternative research has indicated that although
15 16	7	men also experience infertility, there is a paucity of research on men. Therefore, very little is
17 18	8	understood about the experiences of infertility from the male perspective. This study adopted
19 20 21	9	a qualitative approach in an attempt to explore the infertility experience from the perspective
22 23	10	of men. Fifteen men who had experienced infertility were interviewed to explore their
24 25	11	experiences. Interpretative Phenomenological Analysis was used to analyse the data. Five
26 27 28	12	superordinate themes were developed, these included: the influence of society on infertility,
29 30	13	feeling unacknowledged, natural conception verses assisted conception, emotional reactions
31 32	14	and improving the infertility experience. The findings of this research indicated that men
33 34 25	15	experience infertility as a mentally, physically and socially demanding condition. Comparisons
35 36 37	16	to previous research have been made and future research is proposed.
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40 41	18	
42 43	19	Introduction:
44 45	20	
46 47 48	21	Infertility impacts widely with an estimated 1 in 7 heterosexual couples in the UK
49 50	22	experiencing infertility (NICE Guidelines, 2014). Extended literature reviews have indicated
51 52	23	that research has focused primarily on women; this may be due to the fact that women are
53 54 55	24	generally believed to be at the center of infertility treatments and causes. However, it is
56 57	25	important to acknowledge that infertility is a condition, which impacts both men and women.
58 59 60	26	The World Health Organisation (Zegers-Hochsclid et al, 2009) defined infertility as an

27 inability of a sexually active, non-contracepting couple to achieve pregnancy after one year

28 indicating that infertility involves more than one person and not just the female.

Men are generally understudies in this topic area. Most research discussed in Greil and colleagues (2010) literature review used females as its focus, thus leaving the males perspective of infertility understudied in comparison. A long-standing belief has been that infertility causes women higher levels of stress in comparison to their partners (Jordan & Revenson, 1999). Another study showing that infertility is stressful for women was conducted by Ozkan & Baysal (2006) who used a mixed method design to explore the emotional stress in infertile women and found that depression and anxiety was high. These studies show that infertility has a negative impact on women however; there is little research on men. This focus on women is surprising as the Infertility Network UK (2014) found that approximately half of the couples experiencing infertility have issues, which are associated with the male party.

It is difficult to gain an insight into how men experience infertility, due to the minimal amount of research surrounding male factor infertility. A study by Dooley and colleagues (2011) shows that another reason that little is known about men's feelings is that male factor infertility is perceived as stigmatizing by men, thus they very rarely disclosed their diagnosis to or discuss their feelings with others. However, the little research that is available has indicated that infertile men have reported feeling a sense of shock and perceptions of

47 abnormality in regard to their infertility diagnosis (Dooley et al., 2011).

49 Societal attitudes have also been found to be an influential factor for those experiencing
50 infertility. For example, perceptions of masculinity can influence infertility treatment for men
51 as being viewed as masculine includes not just feeling like a man but also experiencing
52 fatherhood (Hinton & Miller, 2013). Social norms can also influence the acceptance of using

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alternative reproduction solutions such as adoption and sperm donations (Turner &
Nachtigall, 2010; Inhorn, 2006). There are also reports that the perceptions of men are that
male factor infertility is considerably more stigmatizing in comparison to female factor
infertility (Wischmann & Thorn, 2013), where men experience shame when faced with
infertility. However, these repercussions were considerably stronger for those residing in
countries were the uses of assisted reproductive technologies are deemed as taboo for
example, in Pakistan (Khalid & Qureshi, 2012).

Social support has been found to be beneficial when adjusting to an infertility diagnosis (Martins et al., 2011). Although social support may be a benefactor for women, there is no evidence to show the effects for men. This may be due to the social stereotype that men do not wish to discuss their problems however; this is yet to be addressed. Support from medical professionals is equally important. The relationship between infertility related medical professionals and patients has also been shown to have issues. Both men and women have reported finding the interaction with their medical professional to lack respect, support, comfort and information. They have also reported wanting to feel like 'human beings' when receiving fertility care (Dancet et al., 2010). Another study conducted by Mikkelsen and colleagues (2012) found that men felt as though the medical professionals solely communicated with their partners, highlighting a potential inequality between men and women experiencing fertility treatment.

These studies mostly show the experience of infertility from the women's perspective and the
majority of this research has failed to consider the impact infertility has on men. However,
those that do tend to lack depth and potential for improvement. This has resulted in a lack of
knowledge of the experience of male factor infertility. This study aimed to address this issue.
A qualitative approach was taken to explore this area of the infertility experience. It is hoped

that this piece of research will increase understanding of the experiences of males whilst

managing this issue.

1 2	105	Method:
3 4 5	106	
6 7	107	Design: A qualitative design using an interpretative and phenomenological approach was used
8 9	108	in this study to gain an in-depth insight into the experiences of infertility for men. The data
10 11	109	was analyzed using Interpretative Phenomenological Analysis (IPA).
12 13 14	110	
15 16	111	Participants: Fifteen men who had either received treatment themselves or were acting as
17 18	112	support for their partners were recruited for this study. The types of treatments engaged in
19 20	113	varied between participants. Participants were recruited through the use of adverts in both
21 22 23	114	international and national online Infertility support forums; additionally a snowballing
24 25	115	technique was used where participants mentioned the study to friends and family who then
26 27	116	contacted the researcher in an attempt to participate. Interviews were the chosen method of
28 29	117	data collection as they allow for in-depth information regarding experiences and perspectives
30 31 32	118	over a specific topic to be collected (Turner, 2010).
33 34	119	
35 36	120	<u>Data Collection and Interview Schedule:</u> Due to the sensitive nature of the topic, interviews
37 38 39	121	were deemed beneficial in comparison to other methods such as focus groups, this was due
40 41	122	the fact that interviews allowed for a rapport to be developed between the researcher and
42 43	123	participant, and as a result made discussing a sensitive subject less daunting. The interview
44 45	124	schedule consisted of twenty-four items and followed an open structure, to allow for a deeper
46 47 48	125	insight to be gained. Examples of the items used included 'talk me though your journey
49 50	126	though infertility'. The questions used within the study were based on the gaps found in the
51 52	127	literature. They addressed various stages of the treatment process, such as the support
53 54	128	offered and the interactions between the participants and their health care professionals.
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130	<u>Procedure and Analysis:</u> Each int	terview was recorded and lasted just over an hour; the data	
131	was then transcribed verbatim. The data was analyzed using IPA as it aims to explore the		
132	process though which participants attempt to make sense of and understand their		
133	experiences (Smith et al, 1997).	The analysis followed the steps for the IPA proposed by Smith	
134	and colleagues, which involved	coding and the grouping of themes after in-depth	
135	familiarization with the data thus, allowing the researcher to further understand the		
136	experience of infertility from th	e participants' perspective.	
137			
138	<u>Ethics:</u> The study was granted e	thical approval by the Brunel University, London ethics	
139	committee.		
140			
141	<u>Results:</u>		
142			
143	Interpretative Phenomenologic	al Analysis revealed five superordinate themes followed by	
144	multiple subthemes.		
145	Themes	Subthemes	
145 146	Themes 1. Influence of society	Subthemes 1.1 - Masculinity	
146	1. Influence of society	1.1 – Masculinity	
146 147	1. Influence of society on Infertility	1.1 - Masculinity 1.2 - Perceived stigma	
146 147 148	 Influence of society on Infertility Feeling 	1.1 - Masculinity 1.2 - Perceived stigma 2.1 - Relationships with medical professionals	
146 147 148 149	 Influence of society on Infertility Feeling Unacknowledged 	1.1 - Masculinity 1.2 - Perceived stigma 2.1 - Relationships with medical professionals 2.2 - Unsupportive family	
146 147 148 149 150	 Influence of society on Infertility Feeling Unacknowledged Natural Conception 	1.1 - Masculinity1.2 - Perceived stigma2.1 - Relationships with medical professionals2.2 - Unsupportive family3.1 - Genetics	
146 147 148 149 150 151	 Influence of society on Infertility Feeling Unacknowledged Natural Conception versus Assisted 	1.1 - Masculinity1.2 - Perceived stigma2.1 - Relationships with medical professionals2.2 - Unsupportive family3.1 - Genetics	
146 147 148 149 150 151 152	 Influence of society on Infertility Feeling Unacknowledged Natural Conception versus Assisted Conception Emotional reactions 	1.1 - Masculinity1.2 - Perceived stigma2.1 - Relationships with medical professionals2.2 - Unsupportive family3.1 - Genetics	

1 2	155	1. Influence of society on Infertility
3 4 5	156	
5 6 7	157	Participants frequently discussed their perceptions of societal norms and attitudes and also
8 9	158	commented on how they felt these attitudes influenced their own experiences. Two
10 11	159	subthemes were developed under the influence of society; masculinity and perceived stigma.
12 13 14	160	
15 16	161	1.1 – <u>Masculinity</u>
17 18	162	
19 20 21	163	When discussing masculine identity, participants frequently referred to the perception of
21 22 23	164	needing to be compliant with the label of masculine. These beliefs included feeling less of a
24 25	165	man for not being able to impregnate his partner.
26 27	166	
28 29 30	167	"I'd say mentally it was certainly something you know that was taking its toll on me,
31 32	168	something that was making me feelyou know when you can't impregnate your wife, it
33 34	169	makes me feel like less of a man. It makes me kind of feel like less of a person and that's
35 36	170	something, which is core to your humanityit's something that's kind of being a goal to
37 38 39	171	your existence" (4).
40 41	172	
42 43	173	In this quote alone, it is apparent that the participant had internalized multiple social and
44 45	174	masculine norms. This participant makes it clear that his inability to impregnate his wife left
46 47 48	175	him feeling 'less of a man' which is a clear social belief which he had internalized. From the
49 50	176	perspective of the participant, it is evident that the internalization of the social belief has had
51 52	177	a negative impact on his perceived masculine identity. This was common amongst a vast
53 54 55	178	majority of the participants. In addition, the participant describes the ability to conceive as a
55 56 57 58 59 60	179	goal to existence, thus indicating further his perception of his role as a male. It also highlights

2 3	180	how life-encompassing infertility actually is. This quote, similarly to others also highlights the
3 4 5	181	participant's strong desire to want to be able to conceive their own children.
6 7	182	
8 9	183	The quote from participant three below highlights the embarrassment males experience
10 11 12	184	when faced with infertility. This sense of embarrassment was evident across all the
13 14	185	participants.
15 16	186	
17 18	187	"Imagine if a guy in an office was saying – oh my sperm won't fire- he'd be the butt of
19 20 21	188	every joke possible! That sort of thing does hurt male egos, it does and can scar them
22 23	189	emotionally" (3).
24 25	190	
26 27	191	The fact that the individual uses the word 'scar' can be seen to imply something of a traumatic
28 29 30	192	nature. It may also be symbolic of a long lasting imprint of the negative feelings and emotions
31 32	193	that accompany infertility. This quote also hints towards a sense of stigma however, the fact
33 34	194	that the participant attempts to incorporate humour could also further indicate that a male
35 36 37	195	unable to fulfill the perceived societal role of a man could be seen as a joke in itself. The
37 38 39	196	following quote extends the traumatic nature of infertility, as the inability to conceive is being
40 41	197	depicted as a 'dirty secret', with the participant challenging it.
42 43	198	
44 45	199	"I think it's not a dirty secret. I think that's the first thing that men have to realize is that
46 47 48	200	it's not a dirty secret to not be able to conceive" (10).
49 50	201	
51 52	202	This quote shows an emotional reaction, but in the sense of embarrassment. The participant's
53 54 55	203	choice of words to describe the inability to conceive as a dirty secret could be an indication
56 57	204	that his personal experience was coined with elements of embarrassment and shame.
58 59 60	205	Alternatively, it can also be viewed as an extension of social and stigmatic norms.

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1 2	206	
3 4 5	2071	.2 – <u>Perceived stigma</u>
6 7	208	
8 9	209	Some participants also reported feeling a sense of stigma whilst engaging in treatments. This
10 11 12	210	sense of stigma overlaps masculine norms as it was evident that individuals began to
12 13 14	211	internalize certain norms and as a result ended up stigmatizing themselves.
15 16	212	
17 18	213	"The reason I wouldn't want to tell someone was this weird stigma in our culture that, if a
19 20 21	214	man doesn't produce sperm, he's less of a man…you never want to be less of a man…I
22 23	215	didn't want them to think less of me for not being able to produce sperm" (8).
24 25	216	
26 27	217	This quote encompasses the participants perceived stigma as well as the recurring perception
28 29 30	218	of being less of a man. It also hints towards a strong aversion to disclosing their fertility
31 32	219	struggle.
33 34	220	
35 36 37	221	
38 39	222	2. <u>Feeling unacknowledged</u>
40 41	223	Participants expressed that they felt excluded when embarking on the journey of infertility
42 43	224	treatments. In addition, they reported feeling dismissed from the process. Two subthemes
44 45 46	225	were developed as part of this theme: relationships with medical professionals and
47 48	226	unsupportive family.
49 50	227	
51 52	228	2.1 – <u>Relationships with medical professionals.</u>
53 54 55	229	
56 57	230	The participants frequently reported feeling that their relationship with the medical
58 59 60	231	professionals involved in their care was weak. The participants reported feeling dismissed
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1 2	232	from the treatment process and some even reported feeling a sense of blame they felt from
3 4 5	233	their medical professionals as told by participants six, eight and ten.
6 7	234	
8 9	235	"The first time we met with the urologist, he asked if I had done steroids and then he
10 11 12	236	asked again in the same room with my wifeand when it was just him and myself. So he
13 14	237	was like 'seriously have you done steroids?' I mean it was a very weird conversation,
15 16	238	almost as if it was like he was asking me 'well how did you screw this up?'. You know
17 18	239	there was no sort of support or consoling" (6).
19 20	240	
21 22 23	241	"He asked me if I smoked weed like 20 times, "do you smoke marijuana?" no, and I
24 25	242	actually don't. No I don't – "Are you sure you don't?" – Yes! I'm positive – "not even once?"
26 27	243	– No! Not even once! (8).
28 29	244	
30 31 32	245	These two quotes illustrate a sense of blame, which was felt by the participants. This sense of
33 34	246	blame was further highlighted by the fact that the medical professionals asked the same
35 36	247	questions repeatedly, almost as if they didn't believe the participants answers. This repetition
37 38 20	248	of questions clearly made the participants feel uneasy. A lack of support is also emerging.
39 40 41	249	
42 43	250	"When I was having a conversation with her (urologist) about the decisions that we were
44 45	251	making about like this is it after this we're not going to try, I think we're going to go for
46 47 48	252	adoption or something like that and she (urologist) interrupted, she wasn't looking at me,
49 50	253	so she interrupted and responded to a question my wife asked in the appointment
51 52	254	earliershe (urologist) would never look at me" (10).
53 54	255	
55 56 57	256	This quote gives an example of where these feelings of dissatisfaction originate. The
58 59	257	dismissive nature can be seen through the urologist clearly ignoring the participant's
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1 2	258	contribution. However, the fact that the urologist refers back to a question previously asked
3 4	259	by the participant's wife also provides support for literature which states that women are at
5 6 7	260	the center of all fertility treatment. The fact that the participant also commented on the
7 8 9	261	urologist's body language shows they felt dismissed in multiple ways. Many of the
10 11	262	participants reported that conversations held between the medical professional and the
12 13 14	263	couple was all directed to the wife. This was the same with medical correspondence as
15 16	264	participant ten mentions below.
17 18	265	
19 20 21	266	"Letters are not addressed for the two of us, so everything is Miss (wife's name) and not
21 22 23	267	(wife name and husband name). Even the bills aren't addressed to me. When you make
24 25	268	appointments, even if it's for both of us, even if I have to give my sample it was my wife's
26 27 28	269	appointment. Its like you are the plus one but you're not really considered" (10).
29 30	270	
31 32	271	Participant ten explains he felt like a plus one, indicating that the participant felt like an
33 34	272	optional extra. The fact that his appointment to give his sample is addressed to his wife shows
35 36 37	273	the lack of acknowledgement of his role in the treatment.
38 39	274	
40 41	275	2.2 – <u>Unsupportive family</u>
42 43 44	276	
45 46	277	Family support was found to have a protective effect on women experiencing infertility
47 48	278	(Martins et al., 2011). The results of this study may indicate that this is so for men too.
49 50 51	279	Participants five and six below give an account of their interactions with their family and how
52 53	280	they were left feeling unsupported. It is important to consider that the idea of support is
54 55	281	indeed subjective and personal for each participant. However, an example would include
56 57	282	simply having the opportunity to talk to someone who the participant trusts.
58 59 60	283	
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1 2	284	"Most people did seem like they were uncomfortable about you know. Especially our
3 4 5	285	parents. So both sets of parents, mine especially didn't particularly want to talk about it"
6 7	286	(6).
8 9	287	
10 11 12	288	"You would think that my sisters and my mum and dad would have a little bit more
12 13 14	289	interest and ask some questionsIt's weird that nobody really seems to care what our
15 16	290	situation is and how difficult is really is" (5).
17 18	291	
19 20 21	292	Both these quotes show families failed to offer support. This lack of support from family
22 23	293	members may be due to the reluctance to discuss a personal issue and shows the stigmatized
24 25	294	beliefs and perhaps a lack of education around the topic of infertility. Overall, the quotes
26 27	295	indicate that men do wish to discuss their struggles but find it hard to find someone with
28 29 30	296	whom to talk.
31 32	297	
33 34	298	3. <u>Natural conception versus Assisted conception</u>
35 36 37	299	
37 38 39	300	This theme shows how participants had a mixed reaction to the use of alternative
40 41	301	reproduction methods. This theme also showed the motivation for engaging in the painful and
42 43	302	alienating process.
44 45 46	303	
47 48	304	3.1 – <u>Genetics</u>
49 50	305	
51 52	306	For many individuals the concept of passing down genetic make-up and reproducing their
53 54 55	307	own child was imperative. This led to mixed emotions towards the use of donor sperm.
56 57 58 59 60	308	

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2 3 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 2 2 2 3 4 5 6 2 7 2 8 9 3 1 3 1 3 2 3 3 4 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	309	"There was this thing that I just wanted it to be my child, I didn't want to raise a
	310	strangers child, I didn't want to think about having to use donated sperm…everyday
	311	you're sort of reminded aboutyou know you're raising the child but its still not your
	312	genes, it's still not a part of you" (6).
	313	
	314	This quote highlights many of the opinions expressed by the participants. It is clear that the
	315	participant not only wants a child, but is also haunted by his infertility struggle. The fact that
	316	he feels as though the use of sperm donation would serve as a constant reminder of his
	317	struggle may even indicate that the using sperm donation would make him feel like less of a
	318	man.
	319	
	320	3.2 – <u>Beliefs towards adoption</u>
	321	
	322	In line with the beliefs towards sperm donation, adoption as common as it may be was not a
	323	popular method.
	324	
37 38	325	"What's difficult is that I've noticed that a lot of people will say at least you can always do
39 40 41	326	adoption and yeah you can, but it's not the same thing as having your own
42 43	327	child!Adoption, we're super scared of it, there's a lot of things that make us nervous.
44 45	328	Will the parents want the baby back? Will the child when it grows up, will it was to
46 47	329	abandon us and go back to its birth parents?" (3).
48 49 50	330	This participant mentions something, which has been universal across the participants; the
50 51 52	331	idea where adoption is always an option. For many of the participants, hearing others'
53 54	332	comments about adoption was received as a rather insensitive comment. Once again, one of
55 56	333	the underlying themes in this quote was the idea that adopting a child is not the same as
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59 60		
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1 2	334	having your own. The participant also addressed some of the anxieties he has about adopting,
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 20 21 22 23 24 25	335	in particular the fear of being abandoned by the child later on in life.
	336	
	337	4. <u>Emotional Reaction</u>
	338	
	339	This theme highlights the reported emotional repercussions infertility had on these
	340	participants. Contrary to the common belief that men do not like to discuss painful
	341	experiences they have gone through, many of them opened up to how infertility impacted
	342	them emotionally. The following quote shows how close to the surface the emotions can be.
	343	
	344	"It's really tough, I'd walk past a children's playground and get tears, I get quite
26 27	345	depressedEven when you're watching TV and someone gets pregnant you get upset and
28 29 30 31 32 33 34 35 36	346	you have to turn it off" (9).
	347	
	348	This participant voiced how much of an impact infertility has had on his life. This quote also
	349	portrays how life encompassing infertility struggles are. The fact that the participant reported
37 38 39	350	feeling a sense of depression indicated that the emotions felt by the individual were strong.
40 41	351	This idea of depression was a common theme found within the responses of the participants.
42 43	352	The following quote shows how a participant felt suicidal during his infertility experience.
44 45	353	This may well be an extension of the depression experienced.
46 47 48	354	
49 50 51 52 53 54 55 56 57	355	"From a purely biological standpoint the purpose of life is to reproduce and pass on your
	356	genetics and so here I am finding out that I am unable to pass on my genetics and the
	357	biologist in me says 'you are worthless, you have no purpose of living'. I was on the verge
	358	of suicide for a while" (8).
58 59 60	359	

1 2 3 4 5 6 7 8 9 10 11 23 14 15 16 17 18 9 20 21	360	5. Improving the fertility experience – the males perspective
	361	
	362	This theme identifies suggestions made by the participants to improve the infertility
	363	experience. Participant eleven shows an awareness of social awkwardness that may be
	364	experienced by men when discussing their issues. A potential solution was also provided.
	365	
	366	"I think males, they should give males an opportunity to speak to the doctor without
	367	anyone else present, because I bet you most males would be too proud to say something
	368	they are afraid of or concerned about during this process" (11).
22 23	369	
24 25	370	Participant nine speaks of being warned of the emotional roller coaster that awaits the
26 27	371	infertile man and some preparation for this would have been beneficial.
28 29 30	372	
31 32	373	"If someone sat down and said you're going to go to a doctors office and one minute
33 34	374	you're going to feel really depressed, the next minute you're going to feel a bit of hope"
35 36 37	375	(9)
37 38 39	376	
40 41	377	An underlying theme in both quotes is that men do wish to talk! Both of the quotes also
42 43	378	deviate from the societal belief that men don't wish to discuss their problems. Perhaps giving
44 45 46	379	men an opportunity to speak to their fertility specialist independent from their partner may
40 47 48	380	help bridge the perceived weak relationship between males and their medical professionals. It
48 49 50 51 52 53 54 55 56 57 58 59	381	may also provide men with the opportunity to be heard and as a result can be seen to improve
	382	their fertility experience.
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Discussion:

 This study aimed to gain an in-depth understanding of this under researched area. The results show that the infertility experience for men was a predominantly negative experience, where males reported feeling ignored, stigmatized and isolated. This study also challenged the social norm that surrounds the idea of men not wanting to discuss their issues and found it to be incorrect for some men. Previous research hinted towards the idea that infertility is difficult to deal with for men however, what differentiates this study to others is the depth of the findings which have emerged from them.

The first theme demonstrated how the existence of social norms such as masculinity and stigmatic beliefs were perceived to influence the experiences and perceptions held by the participants. A majority of the participants disclosed how the presence of infertility caused them to feel like less of a man. This was also found in a study conducted by Hilton & Miller (2003) and Wischmann & Thorn's (2013) study, which found a diagnosis of male factor infertility, was experienced as more stigmatizing in comparison to any other fertility diagnoses. This idea of feeling like less of a man can be seen to extend and overlap into the third theme of Natural conception versus Assisted conception showing that using alternative reproductive methods was not popular due to the perception that the child would not biologically belong to the participant. This also supports Hinton and Miller (2003) who concluded that masculinity involved feeling like a man and also being a father. It is also important to acknowledge that the participants did indicate their avoidance towards alternative methods, but also provided insight into why they were avoidant of these methods. This may be beneficial for healthcare professionals to consider when suggesting alternative methods. Overall, previous research indicated that infertility is stigmatizing experience and difficult to deal with both socially and personally. However, the findings of this research show

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how all of these influences appear to interact with one another highlighting how difficult dealing with infertility really is.

Another predominant finding was the lack of acknowledgement that males felt from both the medical professionals and also members of their family during the infertility process. This theme occurred with the majority of the participants as they reported the numerous ways in which they felt ignored. Thus, supporting Dancet and colleagues' (2010) study, which identified similar factors, which patients would like to see being implemented into fertility care. One of the factors being support, as seen in the results above men also wanted to be supported when experiencing infertility and another factor being the involvement of the partner within the fertility process, as the results of this study explicitly show how men feel they were dismissed from the treatment process, therefore agreeing and extending previous research. The findings highlight and also offer support for Mikkelsen and colleagues (2012) who found that men felt as though the medical professionals only communicated with their partners. The findings also provided support for Martins and colleagues (2011) who concluded that

social support could be seen as beneficial to adjusting to the infertility diagnosis. However, this would need to be researched further, as the participants in this study reported a lack of social support, but suggested they would have liked social support. Once again, this study provides new evidence on how men experiencing infertility would like to be supported by healthcare professionals.

 The third theme explored the debate between scientific assisted reproduction and alternative reproductive methods. Many participants were against the use of adoption and sperm donations due to a sense of kinship and the belief that with the use of these solutions the child

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will not be, in their opinion, their own child. The findings of the current study run parallel to
those of Turner & Nachtigall (2010) and Inhorn (2006) who also found that individuals may
avoid adoption and sperm donation due to stigma and also the perception that the child is not
their own. This perception appeared to be dominant.

A vast majority of the current literature has focused on the psychological repercussions infertility has been on females, thus the findings of this current study indicate that this area requires further investigation, as men have reported experiencing a range of psychological difficulties during their fertility journey. The themes discussed above show the psychological factors of infertility for men, where feelings of depression, isolation due to the lack of support and shame due to the threat of the participants masculinity. Participants in this study report feeling depressed and in some cases suicidal over their situation, as well as illustrating how life-encompassing conception really is. A simple thing such as walking through the park or watching a television program can be seen as difficult when facing infertility due to the emotional cues they may initiate. Depression can be experienced in infertility and is shown in the findings of Ozkan & Baysal (2006) who suggested that depression and anxiety was high among infertile women. These negative experiences associated with infertility are factors that should be considered by health professionals for interventions.

The fifth and final theme shows how not only do these results highlight the difficulties
infertility presents, they also offers potential suggestions and solutions that can be utilized to
improve this issue. For example, making healthcare professionals aware of the attitudes
towards alternative reproduction methods and ensuring they acknowledge both members of
the couple during discussion. The participants in this study also requested equal methods of
support in the form of independent meetings with consultants.

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1 2	464	Although the study successfully recruited fifteen participants, the limitations of this study
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4 5	465	include, the variation in the cause of the infertility. Different etiologies are likely to influence
6 7	466	the degree of acceptance and attitude towards infertility and future research could investigate
8 9	467	these differences. Ethnicity was also not measured in this study and so different cultural
10 11 12	468	beliefs are not accounted for. This study also only recruited heterosexual men and although
13 14	469	generalizability is not the aim of qualitative studies these results give an account of the
15 16	470	experiences of a group if men which are indicative of what other men feel.
17 18 19	471	
20 21	472	Overall, the results of this study are important as they give voice to men experiencing
22 23	473	infertility and the perceived impact of living with infertility. These findings shed light on an
24 25 26	474	under-researched area and allow an understanding of the experience of men.
20 27 28	475	The findings also provide foundations for future interventions especially with regard to
29 30	476	making this experience more acceptable for men.
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