

Men and Miscarriage: a Systematic Review and Thematic Synthesis

Supplementary Table S2: Study Characteristics

Study	Location	Setting	Design and Data Collection	Sampling	Male-Female	Males
1 ^{1,2}	Australia	Primary care, or outside the care establishment	In-depth semi-structured or unstructured interviews performed with individuals face-to-face	Snowball	Mixed	6
2 ³	United States	Primary care	Unstructured and semi-structured interviews, performed with individuals face-to-face, supplemented by investigator observations	Purposive	Male	4
3 ⁴	United Kingdom	Social care	In-depth interviews performed face-to-face (individually or with others unspecified)	Purposive and snowball	Mixed	1
4 ⁵	United States	Outside the care establishment	Semi-structured in-depth interviews, performed face-to-face or via telephone, with partners together	Convenience and snowball	Mixed	20
5 ⁶	Australia	Primary and secondary care	Questionnaires completed individually	Purposive	Mixed	32
6 ^{7,8}	Ireland	Secondary care	Semi-structured interviews performed face-to-face (individually except in one case)	Purposive	Mixed	5
7 ⁹	United States	Outside the care establishment	Questionnaires completed individually	Convenience	Mixed	21
8 ¹⁰	Australia	Regional, rural and remote emergency departments	Semi-structured interviews performed with individuals face-to-face on two occasions, and via telephone on nine occasions	Purposive and theoretical	Mixed	2
9 ¹¹	Sweden	Secondary care	Interviews performed face-to-face with partners together	Purposive and theoretical	Mixed	6
10 ¹²	Israel	Outside the care establishment	Interviews performed with individuals face-to-face	Snowball	Mixed	5
11 ¹³	United States	Unspecified	Interviews performed face-to-face with partners together	Unspecified	Mixed	16
12 ^{14,15}	United States	Unspecified	Unstructured interviews performed with individuals face-to-face	Convenience	Mixed	6
13 ^{16,17}	United Kingdom	Secondary care	Semi-structured interviews performed with individuals face-to-face	Convenience	Male	10 ¹⁶ 20 ¹⁷
14 ¹⁸	Qatar	Secondary care	Semi-structured interviews performed face-to-face with individuals	Convenience	Mixed	7
15 ¹⁹	United Kingdom	Unspecified	Semi-structured interviews performed with individuals face-to-face	Unspecified	Mixed	1
16 ²⁰	Ireland	Secondary care	Semi-structured interviews performed with individuals face-to-face except on once via telephone by participant request	Convenience and snowball	Mixed	6
17 ²¹	Canada	Secondary care, or outside the care establishment	Unstructured interviews performed with individuals face-to-face on two occasions, and via telephone once	Convenience, diversity and snowball	Male	8
18 ^{22,23}	United Kingdom	Outside the care establishment	Unstructured in-depth interviews performed with individuals face-to-face	Snowball	Male	5
19 ²⁴	Australia	Outside the care establishment	Unstructured interviews performed face-to-face with partners together	Convenience	Mixed	5
20 ²⁵	United States	Mixed	Focused interviews performed face-to-face with partners together	Convenience	Mixed	40
21 ²⁶	United Kingdom	Secondary care	Semi-structured interviews performed face-to-face (individually or with others unspecified)	Snowball	Mixed	4
22 ²⁷	United States	Outside the care establishment	Semi-structured interviews performed face-to-face with individuals	Convenience and snowball	Male	11

¹Abboud-2002, ²Abboud-2005, ³Armstrong, ⁴Brady, ⁵Bute, ⁶Conway, ⁷Cullen-2017, ⁸Cullen-2018, ⁹Defrain, ¹⁰Edwards, ¹¹Ekelin, ¹²Hamama-Raz, ¹³Harris, ¹⁴Hutti-1988, ¹⁵Hutti-1992, ¹⁶Johnson, ¹⁷Puddifoot, ¹⁸Kilshaw, ¹⁹Letherby, ²⁰Meaney, ²¹Miron, ²²Murphy-1997, ²³Murphy-1998, ²⁴Peters, ²⁵Radwan-Speraw, ²⁶Shedev,

²⁷Wagner.

Study	Gestational Range	Multiple Loss or Infertility	Living Child(ren)	Focus (Author Descriptions)
1 ^{1,2}	ND* 20 weeks, otherwise unspecified	Some multiple loss	In some cases	<i>the interpretations and meanings of the miscarriage the woman and her partner place on their experience of a miscarriage¹</i> <i>[how] a group of women and their partners cope with the miscarriage... [and] participants' experience of, and satisfaction with, health care²</i>
2 ³	Between 12 and 20 weeks	Unspecified	In some cases	<i>the experience of perinatal loss for fathers, and how the experience influences a father's feelings during future pregnancies³</i>
3 ⁴	ND* 24 weeks, otherwise unspecified	None	In all cases	<i>the young person's perspective: the insider account of teenage pregnancy and young parenthood⁴</i>
4 ⁵	Up to 20 weeks	Some multiple loss	Unspecified	<i>the nature of co-ownership in the miscarriage context... [and] the privacy rules that couples develop to manage this information⁵</i>
5 ⁶	Between 5 and 16 weeks	Some multiple loss	In some cases	<i>the grief response of both the woman and her partner to miscarriage... [and] if support received was adequate and appropriate to their needs⁶</i>
6 ^{7,8}	Between 15 and 19 weeks	Some multiple loss	In some cases	<i>women's and their partners' experiences of hospital care during second trimester miscarriage⁷</i> <i>mothers' and fathers' views on the clinical care received in the hospital from the time of diagnosis of the second trimester miscarriage through to follow-up care⁸</i>
7 ⁹	ND* 20 weeks, otherwise unspecified	Some multiple loss	In some or all cases	<i>the emotional, social, and physical effects of miscarriage on family members... [and] the ways in which family members coped with the loss⁹</i>
8 ¹⁰	ND* 20 weeks, otherwise unspecified	Unspecified	Unspecified	<i>the needs of women, their partners and nursing staff... [and] care of women who present to non-metropolitan EDs with first trimester bleeding¹⁰</i>
9 ¹¹	Up to 20 weeks	Some multiple loss	In some cases	<i>women's and their partners' experiences and ways of handling this diagnosis [unexpected non-viability] in the second trimester of pregnancy¹¹</i>
10 ¹²	Between 10 and 18 weeks	Unspecified	In all cases	<i>the meaning ascribed to spontaneous abortion by each member of the [religious Jewish] couple, and how this meaning was expressed in the couple relationship¹²</i>
11 ¹³	Unspecified	Infertility, and some multiple loss	Unspecified	<i>the transition to parenthood of infertile couples, in which 16 couples describe their experiences with miscarriage¹³</i>
12 ^{14,15}	6, 10 or 16 weeks	None	In 4 out of 6 cases	<i>reactions to a miscarriage... [and how these reactions] may be related to... the attachment couples feel toward their unborn infant¹⁴</i> <i>the relation between mothers' and fathers' cognitive representations of miscarriage and their subsequent decisions and actions¹⁵</i>
13 ^{16,17}	Up to 24 weeks	Some multiple loss	In some cases	<i>feelings evoked by the pregnancy, the experience of the development of the pregnancy, the ultrasound scan, the actual miscarriage, perceptions of the treatment of their partners and themselves during and after the miscarriage, and the aftermath period¹⁶</i> <i>a complex set of thoughts, feelings and considerable confusion about appropriate behaviour [among men who experience miscarriage] ... to the extent that such males might feel it necessary to deny their own feelings of grief¹⁷</i>
14 ¹⁸	Up to 20 weeks	Some multiple loss	In some cases	<i>notions of miscarriage causality and risk amongst Qataris¹⁸</i>
15 ¹⁹	ND* 24 weeks, otherwise unspecified	Unspecified	In all cases	<i>the need for a change in focus if we are to understand the experience of miscarriage fully¹⁹</i>
16 ²⁰	Between 6 and 16 weeks	All multiple loss	In some cases	<i>men's and women's accounts of miscarriage... to gain detailed insight into their expectations of pregnancy as well as their experience of miscarriage diagnosis and management²⁰</i>
17 ²¹	Between 4 and 16 weeks	Some multiple loss	Unspecified	<i>men's experiences with the event of their partner's miscarriage²¹</i>
18 ^{22,23}	Up to 16 weeks	Unspecified	Unspecified	<i>men experiencing new depths of disappointment when pregnancy fails... men's feelings... ways in which some men come to terms with their feelings as they try to support their partners... [and] what would have helped²²</i> <i>the experience of early miscarriage from a male perspective²³</i>
19 ²⁴	ND* 20 weeks, otherwise unspecified	Infertility, and some multiple loss	None	<i>experiences of childlessness despite treatment for infertility... [including] the conflicting constructions of success²⁴</i>
20 ²⁵	Between 6 and 15 weeks	Some multiple loss	Unspecified	<i>parents' recollections of the chronologic progression of the miscarriage... things that were most helpful... things that were detrimental to effective coping... [and] what would they change and how would they change it²⁵</i>
21 ²⁶	ND* 24 weeks, otherwise unspecified	Unspecified	Unspecified	<i>views of women and male partners on health care received during the experience of miscarriage²⁶</i>
22 ²⁷	ND* 20 weeks: authors suggest up to 24 weeks	Some multiple loss	In some cases	<i>the lived experiences of fathers who have experienced miscarriage²⁷</i>

¹Abhoud-2002, ²Abhoud-2005, ³Armstrong, ⁴Brady, ⁵Bute, ⁶Conway, ⁷Cullen-2017, ⁸Cullen-2018, ⁹Defrain, ¹⁰Edwards, ¹¹Ekelin, ¹²Hamama-Raz, ¹³Harris, ¹⁴Hutti-1988, ¹⁵Hutti-1992, ¹⁶Johnson, ¹⁷Puddifoot, ¹⁸Kilshaw, ¹⁹Letherby, ²⁰Meaney, ²¹Miron, ²²Murphy-1997, ²³Murphy-1998, ²⁴Peters, ²⁵Radwan-Speraw, ²⁶Sehdev,

²⁷Wagner.

[*ND: national definition]