

This is a repository copy of *Experiences of Support for Sexual Dysfunction in Men With Prostate Cancer: Findings From a U.K.-Wide Mixed Methods Study.*

White Rose Research Online URL for this paper: <u>https://eprints.whiterose.ac.uk/172173/</u>

Version: Accepted Version

Article:

Watson, E, Wilding, S orcid.org/0000-0002-7977-7132, Matheson, L et al. (10 more authors) (2021) Experiences of Support for Sexual Dysfunction in Men With Prostate Cancer: Findings From a U.K.-Wide Mixed Methods Study. Journal of Sexual Medicine, 18 (3). pp. 515-525. ISSN 1743-6095

https://doi.org/10.1016/j.jsxm.2020.12.017

© 2021 International Society for Sexual Medicine. Published by Elsevier Inc. This manuscript version is made available under the CC-BY-NC-ND 4.0 license http://creativecommons.org/licenses/by-nc-nd/4.0/.

Reuse

This article is distributed under the terms of the Creative Commons Attribution-NonCommercial-NoDerivs (CC BY-NC-ND) licence. This licence only allows you to download this work and share it with others as long as you credit the authors, but you can't change the article in any way or use it commercially. More information and the full terms of the licence here: https://creativecommons.org/licenses/

Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



eprints@whiterose.ac.uk https://eprints.whiterose.ac.uk/ Table 1. Sociodemographic and clinical characteristics of men with poor sexual function and moderate/big sexual bother.

		Ν	%	Missing (%)
Total		13,978		
	<55 years	273	2.0	4 (.3)
	55-64 years	2,326	16.7	
Age group	65-74 years	6,816	48.8	
	75-84 years	4,058	29.0	
	85+ years	501	3.6	
	0	3,596	25.7	0
	1	4,756	34.0	
Other long-term conditions	2	2,924	20.9	
conditions	3	1,496	10.7	
	4+	1,206	8.6	
	Monitoring	1353	11.6	2,296 (16.4)
	Surgery alone	3,233	27.7	
	EBRT alone	993	8.5	
	Brachytherapy alone	377	3.2	
Treatment type	ADT alone	1,069	9.2	
Treatment type	EBRT & ADT	3,152	27.0	
	Surgery & EBRT/ADT	1,090	9.3	
	Systemic & ADT	227	1.9	
	Systemic & EBRT	188	1.6	
	Married/Civil Partner	11,144	80.8	182 (1.3)
	Separated/Divorced	1,121	8.1	
Marital status	Widowed	916	6.6	
	Single	412	3.0	
	Other	203	1.5	
Ethniaity	White	13,027	96.3	449 (3.2%)
Ethnicity	Non-White	502	3.7	
	Heterosexual	12,921	96.9	648 (4.6)
	Homosexual	105	0.8	
Sexuality	Bisexual	47	0.4	
	Don't know	48	0.4	
	Prefer not to say	209	1.6	
	England	11,677	83.5	0
	Wales	1,118	8.0	
Nation	Scotland	788	5.6	
	Northern Ireland	395	2.8	

EBRT: External Beam Radiotherapy; ADT: Androgen Deprivation Therapy.

Monitoring includes active surveillance and watchful waiting; Systemic includes chemotherapy, Abiraterone and Enzlutamide

		Not	offered	d Offered			Tried bu	t didn't help			
		Ν	%	Ν	%	р	Ν	%	Ν	%	р
Total		7,027	51.7	6,562	48.3		2,421	51.3	2,296	48.7	
	<55 years	35	13.2	231	86.8		81	38.0	132	62.0	
	55-64 years	602	26.5	1,670	73.5		638	46.7	728	53.3	
Age group	65-74 years	3,065	46.1	3,582	53.9	<0.01	1,357	53.2	1,196	46.8	<0.01
	75-84 years	2,905	74.0	1,022	26.0		330	58.8	231	41.2	
	85+ years	417	88.2	56	11.8		15	62.5	9	37.5	
	0	1,471	42.2	2,013	57.8		723	47.1	813	52.9	
	1	2,313	49.8	2,330	50.2		850	51.2	811	48.8	
Other long-term conditions	2	1,584	55.8	1,256	44.2	<0.01	493	55.4	397	44.6	<0.01
conditions	3	899	62.0	551	38.0		208	59.8	140	40.2	
	4+	760	64.8	412	35.2		147	52.1	135	47.9	
	Monitoring	923	70.0	396	30.0		121	41.0	174	59.0	
	Surgery alone	581	18.6	2,542	81.4		1041	48.6	1,100	51.4	
	EBRT alone	628	65.1	337	34.9		115	54.8	95	45.2	
	Brachytherapy alone	128	34.9	239	65.1		73	42.7	98	57.3	
Treatment type	ADT alone	802	77.6	232	22.4	<0.01	78	65.0	42	35.0	<0.01
	EBRT & ADT	1,872	60.5	1,220	39.5		396	58.8	277	41.2	
	Surgery & EBRT/ADT	407	38.4	653	61.6		271	53.8	233	46.2	
	Systemic & ADT	177	79.7	45	20.3		15	55.6	12	44.4	
	Systemic & EBRT	133	70.7	55	29.3		11	42.3	15	57.7	
	Married/Civil Partner	5,526	50.9	5,323	49.1		1,973	51.6	1,847	48.4	
	Separated/Divorced	521	47.6	573	52.4		199	46.3	231	53.7	0.05
Marital status	Widowed	585	66.4	296	33.6	<0.01	117	58.2	84	41.8	
	Single	215	53.9	184	46.1		64	48.9	67	51.1	
	Other	80	40.4	118	59.6		40	46.5	46	53.5	
Ethnicity	White	6,599	52.0	6,087	48.0	<0.01	2,197	50.7	2,140	49.3	0.02

Table 2. Characteristics of men offered vs. not offered any of the three sexual interventions and who reported finding them helpful vs. not helpful.

	Non-White	166	34.6	314	65.4		154	58.3	110	41.7	
	Heterosexual	6,403	50.8	6,200	49.2		2,293	51.4	2,171	48.6	
	Homosexual	49	47.6	54	52.4	<0.01	17	38.6	27	61.4	
Sexuality	Bisexual	20	42.6	27	57.4		10	47.6	11	52.4	0.54
•	Don't know	29	64.4	16	35.6		6	54.5	5	45.5	
	Prefer not to say	122	63.2	71	36.8		23	51.1	22	48.9	
	England	5,788	50.9	5,573	49.1		2,038	50.6	1,986	49.4	0.12
Nation	Wales	587	54.2	497	45.8	.0.01	205	55.7	163	44.3	
	Scotland	414	54.4	347	45.6	<0.01	131	56.2	102	43.8	
	Northern Ireland	238	62.1	145	37.9		47	51.1	45	48.9	

EBRT: External Beam Radiotherapy; ADT: Androgen Deprivation Therapy. Monitoring includes active surveillance and watchful waiting; Systemic includes chemotherapy, Abiraterone and Enzlutamide

Table 3. Experience of interventions for sexual dysfunction by treatment modality

			Medica	ations		Devices			Specialist services				Any intervention				
		Offe	red*	Help	ed*	Offe	red*	Help	ed*	Offe	red*	Help	bed	Offe	red*	Help	ed*
	Total	Ν	%	N	%	Ν	%	N	%	Ν	%	Ν	%	Ν	%	N	%
Monitoring	1319	377	28.6	166	57.4	91	6.9	16	50.0	58	4.4	12	66.7	396	30.0	174	59.0
Surgery alone	3,123	2,453	78.5	746	37.2	1,926	61.7	714	55.3	872	27.9	244	53.3	2,542	81.4	1,100	51.4
EBRT alone	965	321	33.3	85	42.9	127	13.2	16	33.3	98	10.2	12	40.0	337	34.9	95	45.2
Brachytherapy alone	367	233	63.5	92	54.1	75	20.4	14	58.3	53	14.4	15	68.2	239	65.1	98	57.3
ADT alone	1,034	209	20.2	36	31.3	84	8.1	5	23.8	76	7.4	6	42.9	232	22.4	42	35.0
EBRT & ADT	3,092	1,155	37.4	235	37.2	455	14.7	45	33.1	353	11.4	55	55.6	1,220	39.5	277	41.2
Surgery & EBRT/ADT	1,060	603	56.9	160	34.7	462	43.6	149	50.3	253	23.9	67	51.9	653	61.6	233	46.2
Systemic & ADT	222	43	19.4	8	33.3	16	7.2			11	5.0			45	20.3	12	44.4
Systemic & EBRT	188	50	26.6	8	34.8	20	10.6			24	12.8			55	29.3	15	57.7

EBRT: External Beam Radiotherapy; ADT: Androgen Deprivation Therapy.

Monitoring includes active surveillance and watchful waiting; Systemic includes chemotherapy, Abiraterone and Enzlutamide

Blank cells have been suppressed to maintain confidentiality (n<5)

Helped' percentages calculated using the number of men who tried the intervention as the denominator

*Significant variation across the treatment groups (p<0.01)