

## SUPPLEMENTAL TABLE 1

Mean ( $\pm$ SD) and group comparisons for demographic and sexual function variables, normal women and women with hypoactive sexual desire disorder (HSDD).

	Normal	HSDD	T value
Years of age	29 (4.43)	37.1 (7.37)	2.42 <sup>a</sup>
Level of education	4.17 (0.98)	4.89 (0.93)	1.44
Subjective arousal	15.17 (2.86)	9.33 (3.39)	3.46 <sup>b</sup>
Physiologic arousal	8.83 (2.68)	6.22 (1.47)	2.16 <sup>a</sup>
Desire	21.17 (2.40)	12.6 (2.76)	6.30 <sup>c</sup>
FSQ total	132.17 (6.80)	103.25 (22.05)	2.54
Distress	3 (5.61)	25.3 (7.66)	5.74 <sup>c</sup>

Note: Level of education is consistent with "some college." For FSQ total, unequal variances.

<sup>a</sup>  $P \leq .05$ .

<sup>b</sup>  $P \leq .01$ .

<sup>c</sup>  $P \leq .001$ .

Woodard. Brain activation and sexual function. *Fertil Steril* 2013.

## SUPPLEMENTAL TABLE 2

## Areas of significant activation in women with normal sexual function during viewing of sexually explicit videos.

Hemi	x	y	z	SPM (Z)	Nvox	Location	BA
Right	14	-70	-8	4.23	160	Lingual gyrus	18
	34	1	-2	3.66	234	Clastrum	
	38	-1	10	3.27	234	Insula	13
	48	-33	34	3.51	42	Inferior parietal lobule	40
	17	-11	5	3.31	10	Thalamus (VLN)	
	49	-31	17	3.24	42	Superior temporal gyrus	41
Left	43	-8	8	3.14	8	Insula	13
	-3	-64	2	3.75	160	Culmen of vermis	
	1	-67	-4	3.62	160	Culmen of vermis	
	-12	-37	-5	3.54	66	Parahippocampal gyrus	30
	-36	-1	0	3.43	117	Clastrum	
	-34	-29	-8	3.25	13	Hippocampus	
	-55	-37	21	3.05	73	Insula	13
	-48	-3	41	3.01	85	Precentral gyrus	6

Note: SPM = Statistical Parametric Mapping.

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## SUPPLEMENTAL TABLE 3

Areas of significant activation in women with hypoactive sexual desire disorder (HSDD) during viewing of sexually explicit videos.

Hemi	x	y	z	SPM (Z)	Nvox	Location	BA
Right	10	-23	9	4.07	1576	Thalamus (P)	
	10	46	12	3.24	587	Medial frontal gyrus	10
	27	-61	-24	3.66	397	Culmen	
	51	-60	1	3.45	228	Middle temporal gyrus	37
	45	-64	-14	3.28		Fusiform gyrus	37
Left	1	-19	6	4.73	1576	Thalamus (MDN)	
	-18	-13	21	4.48		Caudate body	
	-23	-71	-23	4.44	946	Declive	
	1	-81	-12	3.42		Declive	
	-25	-53	-25	3.41		Culmen	
	0	-75	44	4.06	264	Precuneus	7
	0	-60	42	3.13		Precuneus	7
	-42	-52	-23	4.02	40	Culmen	
	-1	21	24	3.93	587	Anterior cingulate	24
	-3	44	17	3.52		Medial frontal gyrus	9
	-27	2	-10	3.46	22	Amygdala	
	-37	-85	6	3.45	53	Middle occipital gyrus	19

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## SUPPLEMENTAL TABLE 4

Areas of greater activation in women with normal sexual function compared with women with hypoactive sexual desire disorder (HSDD) during viewing of sexually explicit videos (controlled for age).

Hemi	x	y	z	SPM (Z)	Nvox	Location	BA
Right	14	-11	2	3.36	71	Thalamus	
Left	-57	-33	22	3.43	56	Insula	13
	-36	-69	-1	3.37	65	Middle occipital gyrus	37
	-50	-5	37	3.29	602	Precentral gyrus	6
	-53	9	26	3.18		Inferior frontal gyrus	9
	-49	4	20	3.13		Inferior frontal gyrus	44
	-15	-46	37	3.21	45	Precuneus	31
	-14	-39	-3	3.00	33	Parahippocampal gyrus	30
	-48	-72	8	2.97	18	Middle occipital gyrus	19
	-44	-42	34	2.97	32	Supramarginal gyrus	40

Woodard. Brain activation and sexual function. *Fertil Steril* 2013.

## SUPPLEMENTAL TABLE 5

Areas of greater activation in women with hypoactive sexual desire disorder (HSDD) compared with women with normal sexual function during viewing of sexually explicit videos (controlled for age).

Hemi	x	y	z	SPM (Z)	Nvox	Location	BA
Right	6	45	28	3.72	116	Medial frontal gyrus	9
Left	-18	-71	39	3.30	50	Precuneus	7

Woodard. Brain activation and sexual function. *Fertil Steril* 2013.