Functioning

- 20. a. Sometimes I care more about my boyfriend's feelings than my own.*
 - b. It is important to me that I am as satisfied with a relationship as my partner is.
- 21. a. Most women need a man in their lives.*
- b. I believe some women lead happy lives without male partners.
- 22. a. When a man I'm with gets really sexually excited, it's no use trying to stop him from getting what he wants.*
- b. Men should be able to control their sexual excitement.
- 23. a. I like to have a man "wrapped around my finger."*
 - b. I like relationships in which both partners are equal.
- 24. a. I try to avoid jealousy in a relationship.

b. Sometimes women need to make men feel jealous so they will be more appreciative.*

- 25. a. I sometimes promise to have sex with a man to make sure he stays interested in me.*
- b. I usually state my sexual intentions honestly and openly.
- 26. a. I like to feel tipsy so I have an excuse to do anything with a man.*
 - b. I don't like getting too drunk around a man I don't know very well.

Source. This scale was originally published in "Hyperfemininity: Measurement and Initial Validation of the Construct," by S. K. Murnen and D. Byrne, 1991, *The Journal of Sex Research*, 28, 479-489. Reprinted with permission. "Indicates the hyperfeminine choice.

Global Sexual Functioning: A Single Summary Score for Nowinski and LoPiccolo's Sexual History Form (SHF)

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The Sexual History Form (SHF; Nowinski & LoPiccolo, 1979; Schover & Jensen, 1988) is a widely used multiplechoice questionnaire evaluating the frequency of sexual activity; sexual function relating to desire, arousal, orgasm, and pain; and overall sexual satisfaction for men and women. Originally developed for clinical use and to provide standardized data for diagnosis and research (Schover, Friedman, Weiler, Heiman, & LoPiccolo, 1982), the SHF has been widely used in sex therapy clinics, in clinical studies of sex therapy outcome (Fichten, Libman, Takefman, & Brender, 1988; Schover & LoPiccolo, 1982; Trudel, Ravart, & Matte, 1993), and in longitudinal assessments of the impact of chronic illness on sexuality (Schover, Fife,

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& Gershenson, 1989; Schover, Novick, Steinmuller, & Goormastic, 1990; Schover et al., 1995).

In its present format, the SHF provides a very detailed self-report assessment of sexual behavior and function. It has been used in an item-by-item fashion to describe sexual problems in a particular population or to compare sexual function before and after a medical intervention. A limitation of the SHF for research has been the lack of a reliable and valid global score that could measure differences in overall sexual function between groups or across time.

To enhance the utility of the SHF, we developed a new scoring system that generates a single summary score: global sexual functioning (Creti, Fichten, Libman, Amsel, & Brender, 1988; Creti, Fichten, Libman, Kalogeropoulos, & Brender, 1987). The global sexual functioning score is easy to calculate, and concisely and accurately reflects overall level of sexual functioning. The single score also permits results from different investigations to be more readily compared.

Description

The SHF is a self-report sexual history measure. The original version consisted of 28 items; the latest version has 46. The format of the measure is multiple choice; items have variable numbers of response options and different response scales (e.g., Item 1 has nine options, with 1 =more than once a day and 9 = not at all; Item 18 has six options, with 1 = never and 6 = nearly always [over 90%] of the time]). Response options are numbered from 1 to 4, 1 to 5, 1 to 6, or 1 to 9 and have a verbal descriptor corresponding to each number. The measure is typically scored on an item-by-item basis, resulting in 46 variables. Normative data for most items are presented in Schover and Jensen (1988); these are based on 92 couples in stable relationships who responded to an advertisement in New York in 1980. The mean age of the sample was in the early 30s, and they were predominantly Caucasian and middle class. Comparative item data from other samples can be found in Libman, Fichten, Creti, Amsel, and Brender (1986), LoPiccolo (1981), Nowinski and LoPiccolo (1979), and Weinstein et al. (1989).

Response Mode and Timing

Respondents circle the number that corresponds to the single most appropriate response for each question. The measure requires approximately 15 minutes to complete.

Scoring

The global sexual functioning score is calculated using 12 of the original 28 items (items have been renumbered in the current 46-item version). Because certain items are relevant only for males, whereas others are relevant only for females, the items used to calculate the male and female global sexual functioning score are somewhat different. The 12 items were selected as representative of various domains of sexual functioning: frequency of sexual activities, sexual desire, arousal, orgasmic, and erectile abilities. To arrive at the single summary score, SHF items are grouped into a 12-item scale; this reflects either male or female global sexual functioning. The single summary score is derived by (a) converting the scores on each of the 12 items to a proportion of the maximum possible value, for example, if on Item 1, where response options are numbered 1 to 9, the respondent answers "(4) twice a week," this is converted to 4/9 = .44; (b) summing the 12 proportions; and (c) calculating the mean by dividing the total by the number of items which the respondent is deemed to have answered (usually 12). The resulting mean value, which is the global sexual functioning score, will be greater than 0 and less than 1. The calculation can be easily carried out using a calculator.

Specified in Table 1 are the items included in the calculation of the global sexual functioning score. For items with an asterisk, responses equaling 6 are considered missing because this response option is *have never tried*; in this case, the summed proportions are divided not by 12 but by the number of items that are deemed to have been answered (i.e., not missing). The scoring system is summarized in Table 1. Lower scores indicate better functioning.

 Table 1 Calculating the Global Sexual Functioning

 Score

Male		Female			
Item no.	Divide by	Item no.	Divide by		
1	9	1	9		
2	9	2	9		
6	9	6	9		
7	9	7	9		
10	6	16	5		
16	5	23*	5		
18	6	24*	5		
19	6	2.5 *	5		
22	6	26*	5		
23*	5	27*	5		
24*	5	29	6		
2.5*	5	37*	5		

Note. Score as follows: (a) convert scores to proportions, (b) sum proportions, and (c) divide by number of items. Although all items included in the global sexual functioning score are present in the original 28-item version, items have been renumbered in the current 46-item version.

*Responses equaling 6 are considered missing.

Reliability

The global sexual functioning scores have excellent temporal stability. For example, in a sample of 27 older married women (mean age = 59), 2-week test-retest reliability was .92 (Creti et al., 1988). Temporal stability of the male global sexual functioning score, based on a sample of older married men described by Libman et al. (1989) (n = 45, mean age = 65), was .98.

Evaluation of internal consistency also shows acceptable psychometric properties for the global sexual functioning scores. For example, Cronbach's alpha for the male global sexual functioning was .65. Good internal consistency is

Functioning

reported for the female global sexual functioning score; item-total correlation coefficients presented by Creti et al. (1988) show r values ranging from .18 to .85, with the majority of values between .50 and .70.

Validity

Male global sexual functioning. Data indicate that, first, the global sexual functioning score can differentiate sexually well-functioning from poorly functioning men, and it is responsive to changes with therapy: Creti et al. (1987) reported that men with diagnosed sexual dysfunction had significantly (p < .05) worse scores (M = .66, SD = .14) than well-functioning men (M = .37, SD = .08), and Kalogeropoulos (1991) found scores to significantly improve in a sample of 53 males who had undergone vasoactive intracavernous pharmacotherapy for erectile dysfunction. Second, the global sexual functioning score is significantly related to other sexual functioning measures: Creti et al. (1987) found that men with higher sexual self-efficacy scored significantly better (M = .48, SD = .07) than men with lower sexual self-efficacy (M = .59, SD = .10), and global sexual functioning scores were found to be logically and significantly related to scores on measures of sexual satisfaction, sexual repertoire, sexual self-efficacy and sexual drive (Creti et al., 1987; Creti & Libman, 1989). Third, the global sexual functioning score is sensitive to age differences in sexual functioning: Libman et al. (1989) and Libman et al. (1991) showed that older married men (age (65+) had significantly worse scores (M = .50) than middle-aged married men (age = 50-64, M = .46), and Creti et al. (1987) and Creti and Libman (1989) found the score to be logically and significantly correlated with age. In addition, Libman et al. (1989) and Libman et al. (1991) showed that there is a small but significant deterioration in middle-aged and older men who have undergone surgery for benign prostatic enlargement (change from presurgery M = .43, SD = .08, to postsurgery M = .48, SD = .11).

Female global sexual functioning. Data reported by Creti et al. (1988) indicate that (a) women with diagnosed sexual dysfunction had worse scores (M = .68, SD = .17) than women who were functioning well (M = .49, SD = .14); (b) female global sexual functioning scores were logically and significantly correlated with sexual harmony, sexual satisfaction, diversity of sexual repertoire, and sexual drive; and (c) younger women (age 21-46) had better scores (M = .46, SD = .03) than older women (age greater than 64) (M = .62, SD = .16). Global sexual functioning scores were also found to be related to the females' sexual efficacy expectations for her male partner (Creti & Libman, 1989).

Other Information

The 28-item version of the SHF is also available in French (*Formulaire d'Histoire Sexuelle*).

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Exhibit

Sexual History Form

Please circle the most appropriate response to each question.

rieas	e circle the most appropriate response to each question.					
1.	1. How frequently do you and your mate have sexual intercourse or activity?					
	1) More than once a day		Once every 2 weeks			
	2) Once a day		Once a month			
	3) 3 or 4 times a week		Less than once a month			
		/				
	4) Twice a week	9)	Not at all			
2	5) Once a week					
2.	How frequently would you like to have sexual intercour					
	1) More than once a day		Once every 2 weeks			
	2) Once a day		Once a month			
	3) 3 or 4 times a week		Less than once a month			
	4) Twice a week	9)	Not at all			
2	5) Once a week					
3.	Who usually initiates sexual intercourse or activity?					
	1) I always do		My mate usually does			
	2) I usually do	5)	My mate always does			
	3) My mate and I initiate about equally often					
4.	Who would you ideally like to initiate sexual intercourse	e or	activity?			
	1) Myself, always	4)	My mate, usually			
	2) Myself, usually	5)	My mate always			
	3) My mate and I equally often					
5.	When your mate makes sexual advances, how do you us	uall	y respond?			
	1) I usually accept with pleasure	3)	Often refuse			
	2) Accept reluctantly	4)	Usually refuse			
6.	How often do you experience sexual desire (this may ind					
	frustrated due to lack of sex, etc.)?		· · · ·			
	1) More than once a day	6)	Once every 2 weeks			
	2) Once a day	7)	Once a month			
	3) 3 or 4 times a week		Less than once a month			
	4) Twice a week		Not at all			
	5) Once a week					
7.	How often do you masturbate (bring yourself to orgasm	in	private)?			
	1) More than once a day		Once every 2 weeks			
	2) Once a day		Once a month			
	3) 3 or 4 times a week		Less than once a month			
	4) Twice a week		Not at all			
	5) Once a week	-1				
8	For how long do you and your mate usually engage in s	exu	al foreplay (kissing, petting, etc.) before having			
01	intercourse?					
	1) Less than 1 minute	5)	11 to 15 minutes			
	2) 1 to 3 minutes	'	16 to 30 minutes			
	3) 4 to 6 minutes		30 minutes to one hour			
	4) 7 to 10 minutes	')	so minutes to one nom			
9	How long does intercourse usually last, from entry of the	ie n	enis to the male's orgasm/climax?			
× .	1) Less than 1 minute		7 to 10 minutes			
	2) 1 to 2 minutes		11 to 15 minutes			
	3) 2 to 4 minutes		15 to 20 minutes			
	4) 4 to 7 minutes		More than 30 minutes			
10	Does the male ever reach orgasm while he is trying to e					
10.	1) Never		Sometimes (50% of the time)			
	2) Rarely (less than 10% of the time)		Usually (75% of the time)			
	3) Seldom (less than 25% of the time)		Nearly always (over 90% of the time)			
11	Do you feel that premature ejaculation (rapid climax) is					
11.						
	1) Yes	2)	No			

	of kissing and caressing with a partner, different posit				
	 Extremely satisfied Moderately satisfied 		Slightl		ansatisfied
	3) Slightly satisfied				ansatisfied
12	Would you like your lovemaking to include <i>more:</i>	0)	Extre	nery ur	rsatistied
15.	Breast caressing	1)	Yes	21	No
	Hand caressing of your genital area				
			Yes		No
	Oral caressing (kissing) of your genital area		Yes		No
1.4	Different positions for intercourse	/	Yes	,	No
14.	If you would like a certain kind of sexual caress or ac				you typically let your partner know?
	 I wait to see if my partner will do what I like without my asking I show my partner what I would like by moving their hand or changing my own position 				n nu our position
		nen na		nangn	ig my own position
15	3) I tell my partner exactly what I would like		lil.a.a.a	امناء المس	il and
15,	 How have you <i>typically</i> learned about your partner's sexual likes and dislikes? 1) From my partner telling me exactly what they want 2) From my partner moving my hand or changing their position to signal what they would like me to do 				
			ition to	o signa	I what they would like me to do
	3) From watching my partner's reactions during sex				
11	4) From intuition	11	1/	6	1
16.	When you have sex with your mate do you feel sexua				
	1) Nearly always (over 90% of the time)				ut 25% of the time)
	2) Usually (about 75% of the time)	2)	Never		
17	3) Sometimes (about 50% of the time)				
17.	When you have sex with your mate, do you have neg				
	1) Never				50% of the time)
	2) Rarely (less than 10% of the time)				6 of the time)
10	3) Seldom (less than 25% of the time)				ys (over 90% of the time)
18.	Does the male have any trouble getting an erection be				
	1) Never				50% of the time)
	2) Rarely (less than 10% of the time)				% of the time)
10	3) Seldom (less than 25% of the time				ys (over 90% of the time)
19.	Does the male have any trouble keeping an erection of				
	1) Never				50% of the time)
	2) Rarely (less than 10% of the time)				6 of the time)
20	3) Seldom (less than 25% of the time			y alway	ys (over 90% of the time)
20.	If the male loses an erection, when does that usually				dia di tanàna dia dia 4000 mila mila dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia
	1) Before penetrating to start intercourse				ation, during the thrusting of intercourse
2.1	2) While trying to penetrate				ole, losing erections is not a problem
21.	What is the male's <i>typical</i> degree of erection during s				
	1) 0% to 20% of a full erection				o of a full erection
	2) 20% to 40% of a full erection	5)	80% t	to 100	% of a full erection
22	3) 40% to 60% of a full erection	<u>п. 1</u> . 3		5	
22.	Does the male ejaculate (climax) without having a fu				COO(-(1-i))
	1) Never				50% of the time)
	2) Rarely (less than 10% of the time)				% of the time)
2.2	3) Seldom (less than 25% of the time				ys (over 90% of the time)
23.	If you try, is it possible to reach orgasm (sensation of				
	1) Nearly always (over 90% of the time)				out 25% of the time)
	2) Usually (about 75% of the time)	/	Neve		
	3) Sometimes (about 50% of the time)				tried to
24.	If you try, is it possible for you to reach orgasm (sens	ation o	of clima	ix) thro	ough having your genitals caressed by your
	mate?				
	1) Nearly always (over 90% of the time)			-	out 25% of the time)
	2) Usually (about 75% of the time)		Neve		
12.4-	3) Sometimes (about 50% of the time)				tried to
25.	If you try, is it possible for you to reach orgasm (sens				
	1) Nearly always (over 90% of the time)				out 25% of the time)
	2) Usually (about 75% of the time)		Neve		
	3) Sometimes (about 50% of the time)	()	Have	nover	tried to

26. Can you reach orgasm (sensation of climax) through stimulation of your genitals by an electric vibrator or any other means (i.e., running water, rubbing with some object, etc.)? 1) Nearly always (over 90% of the time) 4) Seldom (about 25% of the time) 2) Usually (about 75% of the time) 5) Never 3) Sometimes (about 50% of the time) 6) Have never tried to 27. (Women only) Can you reach orgasm during sexual intercourse if, at the same time, your genitals are being caressed (by yourself or your mate with a vibrator, etc.)? 1) Nearly always (over 90% of the time) 4) Seldom (about 25% of the time) 2) Usually (about 75% of the time) 5) Never 3) Sometimes (about 50% of the time) 6) Have never tried to 28. Have you noticed a change in the intensity and pleasure of your orgasm? 1) Much more intense and pleasurable than in the past 4) Somewhat less intense and pleasurable than in the past 2) Somewhat more intense and pleasurable 5) Much less intense and pleasurable than in the past than in the past 3) The same as in the past 29. Is the female's vagina so "dry" or "tight" that intercourse cannot occur? 1) Never 4) Sometimes (50% of the time) 2) Rarely (less than 10% of the time) 5) Usually (75% of the time) 3) Seldom (less than 25% of the time 6) Nearly always (over 90% of the time) 30. Do you feel pain in your genitals (sexual parts) during intercourse? 1) Never 4) Sometimes (50% of the time) 2) Rarely (less than 10% of the time) 5) Usually (75% of the time) 3) Seldom (less than 25% of the time 6) Nearly always (over 90% of the time) 31. How often does pain (genital or nongenital) interfere with your ability to feel sexual pleasure? 1) Never 4) Sometimes (50% of the time) 2) Rarely (less than 10% of the time) 5) Usually (75% of the time) 6) Nearly always (over 90% of the time) 3) Seldom (less than 25% of the time 32. Have you noticed a change in the sensitivity to touch of your genitals? 1) Much more sensitive than in the past 4) Somewhat less sensitive than in the past 5) Much less sensitive than in the past 2) Somewhat more sensitive than in the past 3) About as sensitive as in the past 33. Overall, how satisfactory to you is your sexual relationship with your mate? 1) Extremely *un*satisfactory 4) Slightly satisfactory 2) Moderately *un*satisfactory 5) Moderately satisfactory 6) Extremely satisfactory 3) Slightly unsatisfactory 34. Overall, how satisfactory do you think your sexual relationship is to your mate? 1) Extremely *un*satisfactory 4) Slightly satisfactory 2) Moderately unsatisfactory 5) Moderately satisfactory 6) Extremely satisfactory

- 3) Slightly unsatisfactory
- 35. Do you feel that your partner plays a part in causing a problem in your sex life? 1) Yes 2) No
- 36. If your lovemaking does not go well, how does your partner usually react?
 - 1) Accepting and understanding
 - 2) Frustrated or annoyed

37. (Women only, men go on to Question 38) When you have sex with your mate (including foreplay and intercourse) do you notice some of these things happening: your breathing and pulse speed up, wetness in your vagina, pleasurable sensations in your breasts and genitals?

- 1) Nearly always (over 90% of the time)
- 2) Usually (about 75% of the time)
- 3) Sometimes (about 50% of the time)

38. (Men only) How often do you wake from sleep with a firm erection (including times when you wake up needing to urinate)?

- 1) Daily
- 2) 3-4 times a week
- 3) 1-2 times a week
- 4) Once every 2 weeks

39. (Men only) How often do you wake from sleep with a partial (semisoft) erection? 5) Once a month

- 1) Daily
- 2) 3-4 times a week
- 3) 1-2 times a week
- 4) Once every 2 weeks

- 4) Seldom (about 25% of the time)
- - 6) Have never tried to

- 4) Neutral or uncaring

3) Anxious and blaming self

HANDBOOK OF SEXUALITY-RELATED MEASURES

- 7) Never
- 5) Once a month

6) Less than once a month

- 6) Less than once a month
- 7) Never
- 5) Never

1) Nearly always, over 90% of the time 5) Rarely, less than 10% of the time 2) Usually, 75% of the time 6) Never 3) Sometimes, 50% of the time 7) Have not tried masturbation in the past 6 months 4) Seldom, less than 25% of the time 7) Have not tried masturbation in the past 6 months 41. (Men only) What is your typical degree of erection during masturbation (self-touch in private)? 1) 0% to 20% of a full erection 2) 20% to 40% of a full erection 5) 80% to 100% of a full erection 3) A0% to 60% of a full erection 5) 80% to 100% of a full erection 42. (Men only) Do you feel your erect penis has an abnormal curve to it, or have you noticed a lump or "knot" on your penis? 1) Yes 2) No 43. (Men only) How does the amount of ejaculate (liquid or semen) now compare to the amount you ejaculated in the past? 1) Much greater than in the past 5) Much less than in the past 2) Somewhat greater than in the past 6) I do not know 45. (Men only) Do you ever have the sensation of orgam (climax) without any ejaculation of fluid? 1) Never 4) Sometimes, about 75% of the time 3) About the same as in the past 6) I do not know 45. (Men only) Do you ever have the sensation of orgam (climax) without any ejaculation of fluid? 1) Never 4) Sometimes, about 75% of the time	40.	(Men only) How often are you able to get and keep a firm erection in your own masturbation (self-touch in private)?			
 3) Sometimes, 50% of the time 3) Sometimes, 50% of the time 4) Seldom, less than 25% of the time 41. (Men only) What is your typical degree of erection during masturbation (self-touch in private)? 1) 0% to 20% of a full erection 2) 20% to 40% of a full erection 3) 40% to 60% of a full erection 3) 40% to 60% of a full erection 3) 40% to 60% of a full erection 40% to 60% of a full erection 3) 40% to 60% of a full erection 3) 40% to 60% of a full erection 41. (Men only) Do you feel your erect penis has an abnormal curve to it, or have you noticed a lump or "knot" on your penis? 1) Yes 2) No 43. (Men only) Do you believe your penis is abnormally small? 1) Yes 2) No 44. (Men only) How does the amount of ejaculate (liquid or semen) now compare to the amount you ejaculated in the past? 1) Much greater than in the past 3) About the same as in the past 3) About the same as in the past 4) Sometimes, about 50% of the time 3) Seldom, less than 25% of the time 4) Seldom, less than 25% of the time 4) Never 4) Seldom, less than 25% of the time 3) Seldom, less than 25% of the time 4) Never 4) Seldom, less than 25% of the time 4) Never 4) Seldom, less than 25% of the time 4) Never 4) Seldom, less than 25% of the time 4) Never 4) Seldom, less than 25% of the time 4) Never 4) Usually, about 75% of the time 4) Seldom, less than 25% of the time 4) Seldom, less than 25% of the time 4) Senetimes, about 50% of the time 4) Senetimes, about 50% of the time 4) Sometimes, about 50%					
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Note. Items 1, 2, 6, 7, 10, 16, 18, 19, 22, 23, 24, 25, 26, 27, 29, and 37 are used to compute the global sexual functioning score.					

The Derogatis Interview for Sexual Functioning

Leonard R. Derogatis,¹ *Clinical Psychometric Research, Inc.*

Description

The Derogatis Interview for Sexual Functioning (DISF) is a brief semistructured interview designed to provide an estimate of the quality of an individual's current sexual

functioning in quantitative terms. The DISF represents quality of current sexual functioning in a multidomain format, which to some degree parallels the phases of the sexual response cycle (Masters & Johnson, 1966). The 26 interview items of the DISF are arranged into five domains of sexual functioning: I. Sexual Cognition/Fantasy, II. Sexual Arousal, III. Sexual Behavior/Experience, IV. Orgasm, and V. Sexual Drive/Relationship. In addition, the DISF total score is computed, summarizing quality of sexual functioning

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