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The Psychiatric Problem of Male infertility Patients by Symptom Check List-90(SCL-90)

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Abstract

It has been well known that infertile women experience not only emotional disturbance but also stress. But there is no concern about male infertility patients.

So psychiatric symptoms were studied with SCL-90(Symptom Check List-90) in 30 infertile men who was operated testicular sperm extraction(TESE) in Samsung Cheil Hospital and in age matched 31 fertile men from Jan. 1998 to Aug. 1998.

In 5 symptom dimension(Obcessive-Compulsive, In interpersonal Sensitivity, Depression, phobic anxiety, Psychoticism) scores, The Infertile group scored significantly higher than the control group. The result revealed that infertile men also experienced substantially more psychiatric symptoms than fertile men. Considering this results, psychiatric evaluation and tender care by infertility specialist are necessary for infertile men during and after evaluation and treatment.

Key words;

SCL-90, Psychiatric problem

가 가 ,
(Domar & Seibel, 1997).
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(Hornstein & Schust, 1996) 가 15%
(Domar & Seibel, 1997; Hornstein & Schust, 1996).
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(Menning, 1980;
Koropanick et al., 1993).
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(Kraft et al., 1980).
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(Freeman et al., 1985).
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(Collins et al., 1992).
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(TESE; Testicular Sperm Extraction)
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(Symptom Check List-90,
SCL-90) , 90
“(0)”, “ ”1)”, “ ”(2)”, “ ”(3)”, “

Table 1. Demographic Characteristics

	(N=30)	(N=31)
(mean ± SP)	39.2 ± 5.6	37.7 ± 11.2
*		
	2	0
	6	2
	16	10
	4	14
	2	5
	12	8
	10	7
	8	16
	2	0
	6	4
	12	17
	14	15
	10	7
	4	3
	2	6
가		
가	0	0
	6	2
가	22	21
(,)		
50- 100	0	1
100- 200	16	14
200- 300	10	12
300- 500	2	4
500	2	0
	p>0.05	*p=0.047

Table 2. Mean of Symptom dimensions of SCL-90 in Patients' group (N=30)

Dimensions	Mean
Somatization()	0.708
Obsessive- Compulsive()	0.833
Interpersonal Sensitivity()	0.644
Depression()	0.967
Anxiety()	0.752
Hostility()	0.643
Phobic Anxiety()	0.490
Paranoid Ideation()	0.685
Psychoticism()	0.704

Table 3 Comparison of symptom dimension of SCL-90 between patients' and control group

Dimensions	Subtotal scores \pm SD		p- value
	Patients (N=30)	control(N=31)	
Somatization	8.50 \pm 7.84	5.71 \pm 6.25	0.131
Obsessive- Compulsive	7.50 \pm 5.98	6.77 \pm 4.26	0.049*
Interpersonal Sensitivity	8.80 \pm 5.72	4.55 \pm 4.48	0.002**
Depression	12.57 \pm 4.54	6.00 \pm 5.83	0.002**
Anxiety	7.52 \pm 7.69	4.26 \pm 4.65	0.062
Hostility	3.86 \pm 3.41	3.00 \pm 3.94	0.378
Phobic Anxiety	3.43 \pm 4.20	0.94 \pm 2.11	0.006**
Paranoid Ideation	4.11 \pm 2.69	2.65 \pm 0.44	0.051
Psychoticism	7.04 \pm 7.19	3.13 \pm 4.70	0.019*
others	5.93 \pm 4.13	3.50 \pm 3.67	0.021
total	60.35 \pm 46.28	38.15 \pm 35.23	0.059

*p<0.05

**p<0.01

15%가 (Domar & Seibel, 1995),
1/3 20% 가
(MacLead, 1971; Dubin & Amelar, 1971).

121 18% 1948 1985
1960 (Bents, 1995). 1970

(Pantesco, 1986).

(, 1990: , 1991).

가 가
(Spencer, 1987).

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(Mahlstedt, 1985).

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“ 가 가 가 ” (Lalos et al., 1985).

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(Connolly et al., 1992).

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