

정신분열병 환자의 병식, 우울증, 충동성 및 자살시도경험이 자살행동에 미치는 영향

연세대학교 의과대학 정신과학교실,¹ 포천중문 의과대학 정신과학교실,² 연세대학교 의과대학 신경과학교실³
남윤영¹ · 김찬형¹ · 이기환¹ · 서호석² · 신의진¹ · 손영호³ · 이홍식¹

The Effects of Insight, Depression, Impulsivity, and Past Suicidal Attempts on Suicidality in Schizophrenia

Yoon Young Nam, MD¹, Chan-Hyung Kim, MD¹, Ki Hwan Lee, MD¹, Ho Suk Suh, MD²,
Yee Jin Shin, MD¹, Young Ho Sohn, MD³ and Hong Shick Lee, MD¹

Department of Psychiatry,¹ Yonsei University College of Medicine, Seoul,

Department of Psychiatry,² Pochon CHA University College of Medicine, Seongnam, Korea

Department of Neurology,³ Yonsei University College of Medicine, Seoul, Korea

Objectives : Schizophrenia is a mental disorder that has a high risk of suicide, mainly occurring in unpredictable conditions. The purpose of this study was to identify clinical characteristics for predicting the current suicidality in patients with schizophrenia.

Methods : In 71 schizophrenic patients, we explored clinical characteristics of subjects with the current suicidality which is defined as the suicidality of the last one month. Clinical characteristics of subjects were assessed by the Positive and Negative Syndrome Scale (PANSS), three general awareness items in the Scale to assess Unawareness of Mental Disorder, the Global Assessment of Functioning (GAF) scale, the Beck's Hopelessness Scale and the Barratt Impulsivity Scale. Depression was assessed using the depression item of the PANSS. We analysed which factors among these characteristics could predict the current suicidality in subjects.

Results : Subjects having the current suicidality were 36. They showed earlier onsets and more suicidal attempts. And they had higher depression, positive and negative symptom scores and lower GAF score, and were more impulsive than subjects without the current suicidality. Insight, hopelessness were not significantly different between two groups. The regression model predicting the current suicidality included depression, number of past suicide attempts and motor impulsivity.

Conclusions : These findings indicated that depression, previous history of suicidal attempts and impulsivity may be the predictors of the current suicidality in schizophrenic patients. Also these findings indicated the difficulty in predicting the suicide in schizophrenic patients may be due to the impulsivity. Further study will be needed to clarify the relationship between depression, previous suicide attempts, impulsivity and suicide. (Schizophrenia Clinics 2003;6:158-164)

KEY WORDS : Depression · Hopelessness · Impulsivity · Insight · Suicidality · Suicide · Suicidal attempts · Schizophrenia.

서 론

10% , 25~50%
1,2)

Address for correspondence : Chan-Hyung Kim, Department of Psychiatry,
Yongdong Severance Hospital, 146-92 Dogok-dong, Gangnam-gu, Seoul
135-270, Korea

Tel : 02-3497-3340, Fax : 02-3462-4304

E-mail : spr88@yumc.yonsei.ac.kr

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연구방법

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연구대상 및 방법

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SCID(Structured Clinical Interview for DSM) -

Global Assessment of Functioning(GAF) 가

정신분열병 환자의 병식, 우울증, 충동성 및 자살시도경험이 자살행동에 미치는 영향

independent sample *T*-test , p - value < 0.05 가
 chi - square test Win 11.0 SPSS -
 가
 Spearman correlation test (VIF) (26.8%), 15 (21.1%), 17 (23.9%)

결 과

연구대상의 일반적 특성

71 48 (67.6%), 23(32.4%)
 29.99 ± 8.12 ,
 37 (52.1%), 19
 (26.8%), 15 (21.1%)
 17 (23.9%)

Table 1. Comparison of demographic and clinical characteristics of patients with and without current suicidality (N=71)

	With current suicidality (N=36)		Without current suicidality (N=35)	
	Mean ± SD		Mean ± SD	
Age	28.47 ± 7.36		31.54 ± 8.67	df=69 t=1.61
Gender ^a				
Male	21 (60.0%)		27 (75.0%)	χ ² =1.82
Female	14 (40.0%)		9 (25.0%)	
Age at onset (years)	21.11 ± 5.05		23.88 ± 6.02	df=68 t=2.09*
Age at treatment (years)	22.17 ± 5.34		25.35 ± 7.82	df=68 t=2.00*
Duration of illness (years)	8.34 ± 6.01		8.65 ± 7.46	df=67 t=0.19
Number of admission	2.58 ± 3.07		3.71 ± 5.32	df=69 t=1.10
Number of SA	1.25 ± 1.32		0.43 ± 0.74	df=69 t= - 3.23**
Diagnosis subtype ^a				
Paranoid	25 (69.4%)		12 (34.3%)	χ ² =12.68**
Catatonic	0 (0.0%)		0 (0.0%)	
Disorganized	0 (0.0%)		0 (0.0%)	
Undifferentiate	9 (25.0%)		10 (28.6%)	
Residual	2 (5.6%)		13 (37.1%)	
Smoking ^a non-smoker	20 (55.6%)		21 (60.0%)	χ ² =0.14
smoker	16 (44.4%)		14 (40.0%)	
PANSS-P	17.81 ± 5.16		13.14 ± 4.49	df=69 t= - 4.06**
PANSS-N	22.69 ± 4.82		16.80 ± 5.53	df=69 t= - 4.79**
Depression	3.64 ± 1.29		2.06 ± 1.24	df=69 t= - 5.27**
Hoplessness	10.14 ± 2.75		11.07 ± 2.45	df=64 t=1.43
Impulsivity				
Total BIS	40.83 ± 12.16		34.57 ± 9.58	df=64 t= - 2.29*
Imp NP	16.69 ± 4.12		16.23 ± 4.88	df=64 t= - 0.42
Imp M	11.06 ± 6.87		6.77 ± 3.85	df=64 t= - 3.04**
Imp C	13.08 ± 4.48		11.57 ± 3.88	df=64 t= - 1.45
Insight				
SUMD 1	3.55 ± 1.11		3.40 ± 1.12	df=69 t= - 0.59
SUMD 2	3.03 ± 1.13		2.94 ± 1.28	df=69 t= - 0.30
SUMD 3	3.42 ± 1.32		3.49 ± 1.15	df=69 t=0.24
GAF	39.09 ± 11.19		46.77 ± 11.60	df=69 t=2.84**

SA : suicidal attempt, PANSS : Positive And Negative Syndrome Scale, P : positive scale, N : negative scale, BIS : Barratt Impulsivity Scale, Imp NP : nonplanning impulsivity, Imp M : motor impulsivity, Imp C : cognitive impulsivity, SUMD : Scale to assess Unawareness of Mental Disorder, 1 : having a mental disorders, 2 : the efficacy of pharmacotherapy, 3 : the social consequences of mental disorders, ^aSignificance levels based on Chi-square test, significance levels for all other variables based on t-test, * : p<0.05, ** : p<0.01

43 (60.6%), 11 (15.5%), 12.68, p=0.001).
 가 34 (3.64 ± 1.29 vs 2.06 ± 1.24, t= - 5.27, p=0.000)
 (47.9%), 60, (17.81 ± 5.16 vs 13.14 ± 4.49, t= -
 1.70 ± 1.05, 4.06, p=0.000) (22.69 ± 4.82 vs 16.80 ±
 15 (25%), 5.53, t= - 4.79, p=0.000) 가 .
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 (6.6%), 9 (15%), 6 (10%), , 40.83 ± 12.16 vs 34.57 ± 9.58, t= - 2.29,
 3 (5%), 2 (3.3%) . p=0.025 ; , 11.06 ± 6.87 vs 6.77 ± 3.85,
 가 49 (81.7%), t= - 3.04, p=0.003),
 가 10 (16.7%), (GAF, 39.09 ± 11.19 vs 46.77 ± 11.60, t=2.84, p=
 가 1 (1.6%) . 0.006).

현재 자살행동 유무에 따른 자살행동군과 비자살행동군 간의 인구학적, 임상적 변인 비교

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 (1.25 ± 1.32 vs .
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Table 2. Correlation between current suicidality and clinical variables in patients with schizophrenia

Variable	1	2	3	4	5	6	7	8	9	10	11	12
Current suicidality	0.41**	0.54**	-0.22	0.44**	0.44**	0.36**	0.09	0.40**	0.20	0.03	0.10	0.00
1. Number of SA	-	0.19	-0.13	0.28*	0.14	0.34**	0.15	0.26*	0.28*	-0.09	-0.05	-0.05
2. Depression		-	-0.08	0.19	0.47**	0.24*	0.05	0.23	0.18	0.09	0.16	0.04
3. Hopelessness			-	0.02	-0.07	-0.01	0.03	-0.12	0.13	0.09	0.04	0.02
4. PANSS-P				-	0.62**	0.23	0.11	0.24*	0.05	0.26*	0.16	0.36**
5. PANSS-N					-	0.15	0.06	0.14	0.03	0.20	0.15	0.27*
6. Total BIS						-	0.81**	0.82**	0.64**	-0.22	-0.06	-0.10
7. Imp NP							-	0.49**	0.42**	-0.25*	-0.04	-0.15
8. Imp M								-	-0.32**	-0.21	-0.09	-0.09
9. Imp C									-	-0.14	-0.09	-0.10
10. SUMD 1										-	0.44**	0.09
11. SUMD 2											-	0.46**
12. SUMD 3												-

SA : suicidal attempt, PANSS : Positive And Negative Syndrome Scale, P : positive scale, N : negative scale, BIS : Barratt Impulsivity Scale, Imp NP : nonplanning impulsivity, Imp M : motor impulsivity, Imp C : cognitive impulsivity, SUMD : Scale to assess Unawareness of Mental Disorder, 1 : having a mental disorders, 2 : the efficacy of pharmacotherapy, 3 : the social consequences of mental disorders, * : p<0.05, ** : p<0.01

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결론

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() 가 Positive And Negative Syndrome Scale(PANSS), PANSS Scale to assess Unawareness of Mental Disorder, Global Assessment of Functioning, Beck, Barratt 가

결과

가 36

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결론

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중심 단어 :

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