

WHAT CLINICAL AND SOCIAL FACTORS DETERMINE WHETHER PATIENTS WITH SCHIZOPHRENIA WORK OR NOT?

T. Hasegawa¹, T. Hashimoto¹, H. Kimura¹, M. Iyo¹

¹Psychiatry, Chiba University, Chiba, Japan

The purpose of this study is finding out clinical and social factors which determine whether patients with schizophrenia work or not.

Subjects are two-hundred sixty outpatients with schizophrenia or schizoaffective disorder from 3 hospital in this study. Clinical symptom and social function were measured with PANSS(Positive And Negative Syndrome Scale), GAPS(Global Assessment of Psychopathology Scale), SOFAS(Social and Occupational Functioning Assessment Scale), SDS(Self-rating Depression Scale), CDRS(Connor-Davidson Resilience Scale),SAI-J(Schedule for Assessment of Insight-Japanese edition), DAI-10(Drug Attitude Inventory-10), JCDSS(Japanese Calgary Depression Scale for Schizophrenics),SFS(Social Functioning Scale), JSQLS(Japanese Schizophrenia Quality of Life Scale), DUP(Duration of Untreated Period) and we researched the social situation of the patients about life history, familial history, type and dose of antipsychotics, age of onset, history of hospitalization, years of schooling, whether to use social welfare services or not.

At this time, this study is still in progress. The research of only patients with schizophrenia who is working has finished. Although it is deferent from main purpose, we classified the patients who is working into two groups(remission/non-remission) based on a definition of the remission of Andreasen and compared two groups(Table1,2,3).

We'll be able to report on the results including patients with schizophrenia who is not working. And we expect finding out the factors which determine whether they work or not.

Table 1	Working patients total (N=111)	Remission (n=65)	Non remission (n=46)	P value (※<0.05)
Age	39.15(8.69)	38.14(8.65)	40.73(8.61)	0.14
Sex (male/female)	58/52	26/38	32/14	<0.001※
Age of onset	25.07(7.06)	25.68(6.81)	24.23(7.40)	0.32
DUP	15.73(30.05)	12.55(27.98)	20.26(32.60)	0.22
Years of schooling	13.81(2.10)	13.83(1.92)	13.79(2.32)	0.92
History of hospitalization (yes/no)	55/42	26/29	29/13	0.03※
Social welfare services (yes/no)	7/89	3/52	4/37	-
PANSS(total)	51.68(15.35)	41.54(7.67)	65.57(11.99)	<0.001※
PANSS(P)	12.00(4.42)	9.29(2.40)	15.83(3.74)	<0.001※
PANSS(N)	13.92(5.47)	10.97(3.17)	18.09(5.34)	<0.001※
PANSS(G)	25.60(7.23)	21.17(4.02)	31.65(6.20)	<0.001※
JCDSS	3.87(4.32)	2.35(2.80)	6.02(5.15)	<0.001※
SAI-J	12.83(4.33)	13.02(4.41)	12.56(4.25)	0.60
DAI-10	6.36(3.43)	6.87(3.20)	5.60(3.63)	0.06
CDRS	59.30(17.23)	62.23(15.23)	55.24(19.34)	0.04※
Table 2	Working patients total (N=111)	Remission (n=65)	Non remission (n=46)	P value (※<0.05)
SFS (total)	131.40(25.12)	134.42(26.64)	126.76(22.50)	0.11
withdrawal	11.75(2.10)	11.78(2.19)	11.69(2.02)	0.82
interpersonal behavior	7.77(2.88)	8.23(2.62)	7.13(3.17)	0.06
pro-social activities	30.82(5.21)	31.87(4.79)	29.38(5.52)	0.02※
recreation	20.92(6.68)	22.16(6.82)	19.04(6.12)	0.01※
independence : competence	33.62(9.67)	32.63(11.74)	34.93(5.56)	0.22
independence : performance	19.32(11.18)	20.48(11.56)	17.51(10.59)	0.17
employment	7.64(2.76)	7.75(2.97)	7.45(2.46)	0.58
JSQLS (total)	40.29(20.48)	32.80(16.30)	51.11(21.20)	<0.001※
psychosocial	22.69(12.23)	18.45(9.62)	28.82(13.07)	<0.001※
motivation/energy	10.00(4.75)	8.91(4.88)	11.58(4.12)	<0.001※
symptoms/side effects	7.61(5.85)	5.42(3.96)	10.71(6.69)	<0.001※

Table 3	Working patients total (N=111)	Remission (n=65)	Non remission (n=46)	P value (※<0.05)
GAPS(onset)	27.84(10.68)	28.21(10.76)	27.33(10.69)	0.70
(6-months later)	47.86(16.32)	53.93(16.08)	40.30(13.33)	<0.001※
(1-year later)	51.90(18.39)	58.44(18.77)	43.95(14.53)	<0.001※
(present)	59.39(18.77)	69.39(16.22)	46.95(13.66)	<0.001※
SOFAS(onset)	31.56(12.72)	31.58(13.69)	31.54(11.46)	0.99
(6-months later)	49.40(16.71)	54.43(17.44)	43.03(13.44)	<0.001※
(1-year later)	55.72(16.88)	60.46(18.00)	49.84(13.40)	<0.001※
(present)	70.08(12.39)	76.08(10.59)	62.76(10.41)	<0.001※