



SNAPSI for Measurement-based care in Schizophrenia



Pavithra Jayasankar, Logesh K, Debanjan Bhattacharjee, Suhas Satish, Vanteemar S Sreeraj#, Rujuta Parlikar, Sowmya Selvaraj, Damodaran Dinakaran, Venkataram Shivakumar, Vijay Kumar, Naren P Rao, Shivarama Varambally, Ganesan Venkatasubramanian

InSTAR Program, Schizophrenia Clinic, Department of Psychiatry, National Institute of Mental health and Neurosciences(NIMHANS), Bengaluru

#Correspondence – vs8sreeraj@yahoo.com

1 INTRODUCTION

- The Simplified Negative and Positive Symptoms Interview (SNAPSI) is a structured interview guide which aid in rating various brief rating scales in schizophrenia[1].
- SNAPSI has been validated for various brief rating scales in western population [2].
- This study aims to assess the external validity and reliability of SNAPSI in patients with schizophrenia.

2 METHODOLOGY

Sample	23 In-patients with schizophrenia
SNAPSI translation process	Translation, back & retranslation of SNAPSI in Kannada, Hindi & Tamil by psychiatrists with expertise in respective languages
Procedure	Assessment by 2 trained raters (IRR>0.9) one using SNAPSI, other using comprehensive assessment on BPRS,SAPS & SANS. Repeat SNAPSI after 1 week by comprehensive rater.
Outcome measures	External validity, Test-retest reliability
Statistics	Cohen's kappa, Intra-class coefficient

3 RESULTS

- Of 23 patients, males-19,females-4.
- Mean age at presentation – 37+/- 10

TABLE 1

SCORE	MEAN	S.D
BPRS	47.5	10.3
SAPS	26	16.6
SANS	46	23.1

Mean scores of BPRS, SAPS, SANS

TABLE 2

%CHANGE	MEAN	S.D
BPRS	9.62	10.75
SAPS	32.49	38.1
SANS	-21.79	126.8

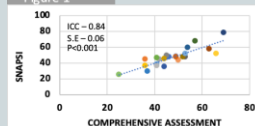
%change after 1- week

TABLE 3

SCORE	ICC	S.E	p
BPRS	0.72	0.14	0.001
SAPS	0.61	0.18	0.008
SANS	0.76	0.13	<0.001

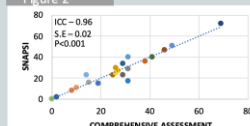
Comprehensive vs SNAPSI(Repeat)

Figure 1



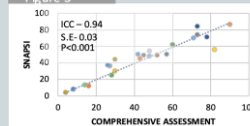
BPRS single point Inter-rater agreement - comprehensive vs SNAPSI

Figure 2



SAPS single point Inter-rater agreement - comprehensive vs SNAPSI

Figure 3



SANS single point Inter-rater agreement - comprehensive vs SNAPSI

TABLE 4

SCORE	ICC	S.E	p
BPRS	0.52	0.2	0.02
SAPS	0.58	0.18	0.01
SANS	0.77	0.13	0.001

SNAPSI vs Repeat SNAPSI

4 CONCLUSIONS

- The evidence supports good external validity and reliability of SNAPSI.
- It has shown excellent and good concordance at single point and different points of assessment, respectively.
- Hence, SNAPSI can be used as a quick and structured interview guide for assessment of patients using SAPS, SANS and BPRS.

5 REFERENCES

1. Østergaard S et al.,Simplified Negative and Positive Symptoms Interview (SNAPSI)
2. Østergaard SD, Opler MG et al.,Bridging the measurement gap between research and clinical care in schizophrenia

6 ACKNOWLEDGEMENT

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