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## Assessment of sexual dysfunction and associated factors among patients with schizophrenia in Ethiopia, 2017

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**Background & Aim:** Sexual dysfunction is remarkably prevalent amongst psychiatric patients than general population. This might be due to either the nature of the illness itself or the unwanted effect of the medication they are taking for the illness which limits the capability of forming interpersonal and sexual relationships. This issue is rarely raised in developing countries, and the aim of this study was to assess magnitude and factors contributing to sexual dysfunction among patients with schizophrenia.

**Method:** Hospital based cross sectional study was conducted at Amanuel Mental Specialized Hospital from January to June 2017. The sample required for this study was determined by using single population proportion formula and the final sample size was 423; and systematic random sampling was used to select participants. We used change in sexual functioning questionnaire to measure sexual dysfunction. The collected data was cleaned, interred in to Epi data and transferred to SPSS version 20 for farther analysis. The OR with 95% CI was used to measure association and P-value <0.05 was used as statistically significant.

**Results:** A total of 422 patients with schizophrenia were involved in the study. The prevalence of global sexual dysfunction was 82.7%; and in male and female patients the prevalence was 84.5% and 78.6% respectively. Marital status (Unmarried [AOR=4.19, 95% CI (2.30, 7.64)], Divorced and widowed [AOR=2.86, 95% CI (1.03, 7.90)]), history of relapse [AOR=2.21, 95% CI (1.25, 3.91)] and poor quality of life [AOR=5.57, 95% CI (2.79, 11.09)] were associated significantly to global sexual dysfunction.

**Conclusion:** The magnitude of sexual dysfunction was found to be high among patients with schizophrenia and it is associated with different factors. Treating physicians should be conscious about sexual dysfunction during evaluation and treatment of patients with schizophrenia.

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