Association of acute psychosocial stress with oxidative stress: Evidence from serum analysis.

Growing evidence implicates an association between psychosocial stress and oxidative stress (OxSt) although there are not many studies that have provided robust evidence for this association. The current study aimed to investigate the relationship between acute psychosocial stress and OxSt using serum analysis.

The study was conducted on two groups: patients with schizophrenia (SCZ) and healthy controls (HC). Both groups were exposed to an acute psychosocial stressor. The results showed significant increases in OxSt for both the SCZ and HC groups 90 min after the imposed acute psychosocial stress.

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