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Columns: REVIEW

Olfactory function in psychotic disorders: Insights from neuroimaging studies

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Abstract

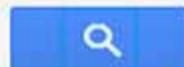
Olfactory deficits on measures of identification, familiarity, and memory are consistently noted in patients with psychotic disorders relative to age-matched controls. Olfactory intensity ratings, however, appear to remain intact while the data on hedonics and detection threshold are inconsistent. Despite the behavioral abnormalities noted, no specific regional brain hypoactivity has been identified in psychosis patients, for any of the olfactory domains. However, an intriguing finding emerged from this review in that the amygdala and piriform cortices were not noted to be abnormal in hedonic processing (nor was the

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