

## KARTAGENER'S SYNDROME AND PSYCHOTIC DISORDER: A CASE PRESENTATION

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**Objective:** Kartagener's Syndrome is a rare congenital malformation and characterized by the triad of bronchiectasis, sinusitis, and situs inversus. We presented a case diagnosed as Kartagener's syndrome and psychotic disorder not elsewhere specified.

**Method and results:** The case was a male patient, 32 years old, high school educated, married, with two children. He had a history with increasing psychotic symptoms and two times of suicide attempts for the last two months needed hospitalisation. In the psychiatric examination affect was blunted, there were anxiety, fear due to auditive hallucinations and referance delusions, anhedonia, suicidal thoughts and attempts, secondary depression. Psychiatric disorder predominantly with auditive hallucinations and social withdrawal had a duration of three years. He was diagnosed as Kartagener's Syndrome when he was nine years old. The patient was treated with haloperidol 20 mg/day, biperiden 5 mg/day, klorpromazin 100 mg/day during hospitalisation. The psychotic symptoms were reduced within third day. On radiography his heart was seen at the right side of his body, there was bronchial dilatation in the medial and inferior lobes of left lung, thickness of walls of bronches and increased peribronchial density.

**Conclusion:** We assume that the biochemical disorder that is the cause of the development of Kartegener Syndrome is related with the genetic location which facilitates the development of psychosis or risk of psychosis.