

psychiatric and neurological manifestations. Unlike typical associations of personality changes with frontal lobe tumors, our case challenges this by implicating a thalamic tumor, highlighting the complexity of symptom correlation with precise brain lesion locations. Psychiatric symptoms, though not exclusive, may indicate underlying brain tumors. New-onset psychosis, mood or memory symptoms, atypical occurrences, personality changes, and anorexia in individuals over 40 warrant a thorough diagnostic workup, including neuroimaging, to investigate potential intracranial lesions.

**Conclusion.** This case emphasizes the significance of identifying psychiatric symptoms as potential indicators of underlying brain tumors. The diverse manifestations, such as sudden psychosis, mood or memory changes, or unusual symptoms, should prompt further investigation, including neuroimaging. Early detection is crucial for improving overall quality of life, and understanding these psychiatric signs aids in unraveling the broader narrative of potential brain tumor involvement.

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## PANDAS Among the Lake District

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doi: 10.1192/bjo.2024.669

**Aims.** Paediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infection (PANDAS) is an inflammatory brain disorder characterised by a new onset of obsessive-compulsive disorder, triggered by streptococcal infection likely inducing molecular mimicry of antistreptococcal antibody action within brain tissue. PANDAS is perhaps considered controversial in the field of psychiatry due to debates over the validity of the diagnosis, controversy surrounding aggressive antibiotic and immunomodulatory treatment and limited well-controlled case studies.

**Methods.** A 13-year-old boy, X, presented with new onset worsening confusion, on a background of autism, to a child psychiatric clinic in the Lake District. During the summer, he developed a fixation with Harry Potter and began to act on confabulating beliefs that his mother is (and always has been) Lord Voldemort. X's behaviour became increasingly violent and aggressive and he now only spoke in 'parseltongue', refusing to communicate with anyone in any other way. A new personality change was identified as his usual routine behaviours and fixations had dissipated, such as a decrease in his ritualistic behaviours, a loss of his usual inquisitive nature, and an increased fascination with wearing sunglasses due to beliefs that the sun was poisoned by his mother, 'Lord Voldemort'. Additionally, X's eating habits had markedly changed and now refused all forms of food. Clinically, X also developed a new and sustained tic and was tremulous in clinics, despite no evidence of focal neurological signs. Due to the relatively acute onset of symptoms, an organic cause was queried, which eventually led to the presumed diagnosis of PANDAS.

**Results.** Extensive investigations, such as an MRI of the brain, autoantibody testing for anti-AQP4, MOG-Ab, and other serological testing, showed no specific cause could be identified other than evident inflammatory changes in the brain. A 'three-pronged' treatment approach was adopted: increased

psychotherapeutic intervention, antibiotic treatment and IV immunoglobulin therapy.

**Conclusion.** This case illustrates the importance of recognition of PANDAS and, more pertinently, an appreciation of the biological aspect of the biopsychosocial approach to psychiatry. From the minimal evidence available, there is a suggestion of a relatively good prognosis for patients with suspected PANDAS when intervened timely; however, repeated infections or a chronic course of illness is more difficult to treat. PANDAS remains a diagnostic challenge and perhaps a mystery, with complicated impacts on not only the patient and their families but also the psychiatrist and wider teams involved in the management of care.

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## Hypothyroidism Presenting as Acute Mania

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doi: 10.1192/bjo.2024.670

**Aims.** In patients presenting with acute mania & psychosis, it is important to rule out organic cause of their symptoms. Neuropsychiatric problems include affective disorders, disturbances in cognition and psychosis. Mania is commonly associated with hyperthyroidism, But hypothyroidism is a medical condition commonly encountered in a variety of the clinical settings. Patients with severe hypothyroidism may present with psychosis and less commonly with symptoms of mania. We report a case of 37 year old male presenting with acute mania & psychosis, in context of severe hypothyroidism.

Thyroid dysfunction is known to have a significant impact on mental health. Hypothyroidism, in particular, has been linked to mood disorders and acute psychosis. Though most commonly associated with depression, hypothyroidism has been linked to psychosis since the late 1800s, in reports of delusions and hallucinations in patients with myxedema. More recent literature highlights the incidence and coexistence of hypothyroidism and psychiatric disorders, describing possible mechanisms contributing to the pathophysiology of these disorders. The link between hypothyroidism and mania, however, is less clear, with few reports in the literature. We present a case report of a 37 year old male presenting with acute onset mania with psychosis and previously undiagnosed severe hypothyroidism.

**Methods.** AB, a 37-year-old married male from a Telugu-speaking rural background, was brought to the psychiatric outpatient department with his family. The patient's attendants reported concerns about inappropriate talk, bizarre behavior, hyperactivity, sleeplessness, decreased appetite, and suspiciousness lasting for 10 days, indicative of acute psychosis. AB, with no previous psychiatric history, attributed his symptoms to stress related to business and property issues. Family members described him screaming in his apartment, displaying grandiose delusions of a divine presence within him, and exhibiting restlessness and aggression.

Further exploration revealed a history of sleepless nights preceding these symptoms, during which AB initiated a fast, abstaining from eating or drinking to establish himself as a 'spiritual advisor.' He expressed paranoia, believing neighbors and family members were conspiring against him due to