

episodes and family history are important in differentiating from a schizoaffective pattern of disease.

**Conclusion.** Unremitting mania of this duration is unique in its psychiatric morbidity and devastating in its impact on the individual in terms of psychosocial functioning, quality of life, physical health and safety. It also brings unprecedented stress on the family and other support systems.

### Chronic Misuse of Paracetamol in OCD Without Hepatic Injury: A Case Report and Literature Review

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**Aims.** Paracetamol is a commonly used antipyretic and analgesic over the counter medication. In acute or chronic overuse it is associated with dose-dependent hepatic injury. There is a narrow therapeutic margin and that consistent use of as little as 7.5 g/day may be hazardous. Unintentional overdose with paracetamol is the most common cause of acute liver failure in the United Kingdom. Here we present an unusual case of a 60-year-old lady with a reported chronic history of self-medicating with an above daily recommended dose of paracetamol without evidence of hepatic injury.

**Methods.** A 60-year-old Caucasian lady known to psychiatric services for 20 years with Recurrent Depressive disorder, Obsessive Compulsive Disorder (OCD), Dependent Personality Disorder with Borderline personality traits. She reported consuming 32 tablets of paracetamol (16gm per day) every day for the past 11 years. She experienced obsessions of fear that if she did not take a particular number of paracetamols in a day then her friends will come to harm and her anxiety was relieved by the compulsion of consuming suprathreshold doses of paracetamol. There was no evidence of misuse of any other medications other than paracetamol. Her blood investigations revealed liver function tests within normal limits and ultrasound of the liver was unremarkable.

**Results.** A literature search of “paracetamol or acetaminophen” and “no liver or hepatic” and “damage or injury” found only one case report. The case reported that studies of paracetamol metabolism were performed in a 58-year-old female with rheumatoid arthritis who had consumed 15–20 g paracetamol daily for 5 years without developing liver damage and data were compared with results in seven normal volunteers. The report concluded that a combination of slow paracetamol absorption, enhanced detoxification of paracetamol (by sulphation) and reduced metabolism to potentially cytotoxic metabolites may have reduced the risk of liver damage in this patient.

**Conclusion.** In OCD, misusing medications can be an uncommon presentation of compulsive acts to relieve anxiety. The diagnostic dilemma of factitious illness is probable, however suprathreshold use of paracetamol without physical harm is rare but possible.

### Association of ADHD With Congenital Conditions – Case Reviews in General Adult Clinic

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**Aims.** The association of ADHD with mental health and medical conditions is commonly encountered in clinical practice. Interestingly there are patients with congenital conditions who present with features of ADHD and little is known about their association and neurological basis. There is no strong literature but anecdotal reports that indicate children with congenital heart disease are more likely to suffer from mental health conditions including ADHD. The clinic however is unable to analyze such hypothesis and instead decided to evaluate cases related to Neurofibromatosis (NF1), Arnold Chiari Malformation, Transposition of great arteries, Di George syndrome to understand the longitudinal history, symptom persistence and functional impact of ADHD.

#### Methods.

- Index patient aged 45 years referred for possible association of ADHD and Neurofibromatosis with issues related to long-standing trouble with sleep and movement disorder.
- Index patient aged 41 years received a surgical repair for a Chiari malformation hoping it would improve the cognitive functioning but still suffers lot of symptoms that are consistent with clinical picture of ADHD.
- Index patient aged 19 years referred for ADHD assessment reported history of transposition of great arteries and VSD that warranted emergency operative procedure before age 3. The behavioural symptoms that were suspected as related to physical illness and frequent attendance to hospital however did not resolve and were noted to be in line with possible ADHD.
- Index patient aged 40 years admitted to general psychiatry following episode of psychosis and during examination presented history of Di George syndrome with brief input from Cardiology. It was apparent that patient struggled with poor understanding, lack of consistency, disorganization, distractibility, learning difficulties and the features suggested a pattern of Attention deficit disorder.

#### Results. Focused on

- The qualitative analysis of developmental history, childhood rating scale, symptom comorbidity and functional impairment of such cases.
- It studied the family history of physical and mental illness including predisposition to ADHD or neurodevelopmental conditions.
- It also evaluated the treatment response to stimulant/non-stimulant therapy.

**Conclusion.** Clinically there was no typical co-relation of increased mental illness or genetic predisposition for ADHD in the family history and qualitatively the presentation did not differ from other ADHD patients and the treatment response was not variable, however it still draws attention towards the need for regular screening of all nervous and cardiac origin congenital conditions for an early intervention.

### Beyond “Evidence-Based Medicine” in “Detained Patients”

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