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# <u>Case Study</u> a self-incriminating case of mythomania

3 **Abstract:** A lie is changing the truth deliberately to reach an objective. This is frequently 4 encountered in childhood period, as much adult individuals could sometimes use innocent lies 5 in their lives. This condition that could be encountered often with children, could also be observed among healthy adults in the form of innocent lies. Mythomania, known as lying 6 pathologically, is an individual lying about almost anything in various environments and 7 8 believing in these lies himself. In literature, there have been case reports on mythomania and pseudologia fantastica. However, none of these studies mentioned a case, where the patient 9 consistently self-incriminated. This article aims to analyze within the context of literature, the 10 11 clinical findings about a patient suffering from mythomania, that continuously selfincriminates, and being tried for the crime of perpetration. 12

13 Keywords: Mythomania, perpetration, pseudologia fantastica.

# 14 **INTRODUCTION**

15 A lie is defined as changing the truth knowingly and willfully to serve a purpose<sup>1</sup>. This occurrence, which we could observe frequently with children, could be witnessed with 16 17 healthy adult individuals in the form of innocent lies from time to time. However, the cases 18 where lying continues chronically and repetitively, at a level that might cause social, 19 domestic, and professional problems, fell into the category of pathological lying, which is a 20 psychiatric concept. The concepts of pseudologica fantastica (PF) and mythomania could be 21 used to define the cases like these. Due to their similarities these concepts could be used 22 interchangeably, although in reality there are differences between them. PF is defined as 23 creating constant and persistent stories based on a truth that was skewed, exaggerated or 24 enhanced with additions. The subject matter of the stories change, while the individual

remains as the protagonist or the victim of the story<sup>2</sup>. On the other hand, mythomania differs 25 26 from PF for in mythomania the individual could tell different stories in different environments<sup>3</sup>. Although there is no classified DSM diagnosis for mythomania, it is 27 28 considered as a symptom that could accompany a psychiatric disease. There are case reports in the literature on both mythomania and PF<sup>4, 5, 6</sup>. However, none of these cases mentioned a 29 30 mythomania patient who charges himself with a crime continuously. An examination of 31 criminal justice cases on fabrication of crimes demonstrated that these perpetrators always 32 charged others for the crimes. Thus, it was considered that the subject matter of this study 33 would contribute to the literature since it was a criminal justice case of mythomania where the 34 individual accused himself for the crime.

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# 36 CASE REPORT

37 38 years old, married with 3 children, primary school graduate male patient was brought to 38 our clinic by the police. His physical examination results were considered normal. The 39 patient, who looked older than his age and mentally retarded, had poor self-care, and was 40 cooperative and with a good level of willingness to form relationship. The patient was 41 distracted, but had no symptoms of perception disorder. There were no hallucinations or 42 obsessions in his intellectual structure. A slight impairment was observed in his social 43 adaptation. He stated that he was not ill and brought to the hospital by force by the police. He 44 claimed that he had 3 cases in the court against him, but he was innocent in all of these, 45 however he claimed that he stayed in the jail for 16 years as a result of these cases. In the first 46 case he stated, he shot by mistake his wife and two children from this woman while he 47 cleaned his weapon, and the children died on the spot and his wife was wounded and died 48 while he was in prison. He claimed that after completing his 8 years long jail term, he married 49 for the second time, but again convicted for carrying illegal substances for 4 years during the

50 fist year of his second marriage. He finally stated that he was convicted again for another 4 51 years for fighting with an individual, who called him on the telephone and claimed falsely that his wife died in a traffic accident. The review of his history did not reveal any organic 52 53 diseases. There were no stories of alcohol or substance use with the exception of smoking. He 54 had no relatives under psychiatric care. The anamnesis taken from the relatives demonstrated 55 that he was married twice, was married to his first wife only for two months, and the first wife 56 filed for a divorce because he was lying. He never received inpatient or outpatient psychiatric 57 care and was never subject to a judicial process in his life and completed his military service 58 in time. His relatives stated that the patient constantly lied, based his life on lies, and even divorced from his wife because of these lies. They claimed that he came up with different lies 59 60 everyday, and finally a case was brought against him for fabricating crimes since he claimed everywhere that he had killed his children. 61

#### 62 Clinical Observation

63 As a result of the polyclinic examination during the application of the patient, the decision to 64 monitor the patient was taken. The statements of the patient continued, and a desire to attract 65 attention, variable and shallow emotions, suggestibility and an inclination to exaggerate were 66 indicated in the patient. The patient, whose outlook displayed borderline intellectual activity, 67 scored 79-80 on the IQ test. Minnesota Multiphasic Personality Inventory was requested from 68 the patient whose histrionic personality characteristics were prominent, however he could not 69 finish the test. The short psychiatric evaluation scale that was conducted indicated 5 points 70 (no symptoms). To exclude a possible neurological disease, a neurological consultation was 71 requested. The patient had normal abstraction, reality testing and reasoning skills. MR (Magnetic Resonance Imaging) was requested for the patient, for whom confabulation 72 73 diagnosis was excluded in the neurological examination performed, to exclude other possible 74 organic factors. MR results did not demonstrate a pathologic symptom. All routine blood and 75 urine tests including EEG and toxicology panel were considered normal. At the end of the 76 initial one month period without medication, since the statements of the patient did not alter, and since it was considered that the existing claims could be formed on psychotic grounds, the 77 78 patient was put on an Olanzapine 5 mg/day treatment. Patient had a few unsuccessful escape 79 attempts from the service due to his denied requests of discharge. The patient commenced to 80 harm himself and the environment because of the increase in his agitation and aggression, and 81 his antipsychotic dose was gradually increased up to 20 mg/day. Despite a month long drug 82 treatment, no changes were observed in patient's discourse or in the clinical picture. At the 83 end of the two months long observation, drug treatment was ceased since the existing 84 condition of the patient was evaluated as borderline mental capacity and mythomania. It was 85 concluded that he had full criminal capacity for the wrongdoing he committed. A supportive 86 approach was initiated and his self-esteem was attempted to be promoted by highlighting his 87 positive traits. When he was discharged, there were minor improvements in the patient's discourse; the thought that perhaps a little portion of his statement could be a false 88 89 representation of the truth became prominent. A follow-up appointment was planned for a 90 month later, but the patient never showed up for the appointments, and his last status could 91 not be evaluated.

# 92 **DISCUSSION**

This case is significant since it was a case of mythomania where the patient, different from other cases of the crime of falsification a crime, only charged himself, not others, for the crime he claimed to commit, whose discourse was not evaluated as hallucinations, and was never defined in the literature before. The case did not meet the conditions of diagnosis for pseudologia fantastica. Because, the story is constant and persistent in pseudologia fantastica. Furthermore, the story is related to the facts<sup>7</sup>. However in our patient, the stories were presented in different forms in different social environments by the individual, and had no 100 relations whatsoever with the reality. Since the patient accepted the facts when he was 101 exposed to reality, it was determined that his discourse was not delusional. The provisional 102 diagnosis of simulation was also discarded since there was no significant secondary benefit 103 for the patient. Parallel to the anamnesis taken from the patient and his relatives, since no 104 active psychiatric symptoms were observed with the patient except for lying, and since there 105 were no periodic complaints and symptoms particular to bipolar disorder, a differential 106 diagnosis was conducted for bipolar disorder. It is observed more in individuals with 107 pathological lying, antisocial personality disorder, borderline personality disorder and 108 histrionic personality disorder. Histrionic personality traits such as desire to attract attention, 109 variable and shallow emotions, suggestibility, and exaggeration tendencies helped shape the 110 clinical picture in our patient. The patient, whose neurologic examination and all tests 111 conducted were considered normal, was diagnosed with mythomania and borderline mental capacity based on DSM 4-TR<sup>8</sup> diagnostic criteria. A story of a judicial patient where artifact 112 113 psychosis symptoms accompanied a borderline personality organization was presented in this 114 article.

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