A case of Shared Psychotic Disorder with Deadly Outcome

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Abstract
Shared psychotic disorder also known as folie a deux is thought to occur in persons who live close together, so that delusions of the primarily ill patient are transferred to the partner. A case of shared paranoid psychotic disorder, with primary diagnosis of persecutory delusional disorder in the husband is described. The delusion and its consequent safety behaviors were so strong that led to the family complete isolation, ceasing their relationship with the external world, gradual starvation and death of the daughter. This case showed how one's mind can act so badly against itself to the extend of starvation and dying. We think it is the most tragedy case report of shared psychotic disorder.


Keywords ● Paranoid ● delusion ● shared psychotic disorder

Introduction

Delusional Disorder (DD) is diagnosed when nonbizarre delusion is present for at least one month's duration and other psychiatric disorders are excluded.1 Persecutory delusion is the most common type. Shared psychotic disorder (SPD) also known as induced psychotic disorder, folie a deus, folie impose and double insanity was first described by Lasegue and Falret.2 The disorder is characterized by transferring the delusion from one person to the other who are closely associated for a long time or live together in a relatively social isolation. The individual who first has the delusion is the influential member while the secondary one is frequently less intelligent and more passive,3 and if the pair separates, the other may abandon the delusion.2,3

SPD may occur in relatives for example parent-offspring, sibling-sibling so a genetic predisposition is assumed.4,5 There are also case reports of SPD in non-relative partnerships like wife and husband that represent the role of environment in inducing psychosis.6,7 Here we describe a case of SPD with the delusion of the primarily ill patient, the husband, adopted by the second partner, the wife. The couple did not have any biological relationship. This case highlights the importance of environmental and social factors in causing psychosis and how one’s thoughts can be dangerous and self-destructing to the extend of starvation and miserable dying.

Case Report

The husband was a 33-yr-old man college graduate in law. His problem started about 1.5 years before the time of becoming suspicious to his colleagues by thinking that they were linked
husband and twenty days after that her problems disappeared. She found insight about their disease. She developed depressed mood became regret and guilty of what had happened to their daughter.

Their older daughter was also significantly ill. She barely talked and examining her mental status was impossible. If she had been included in the psychotic association of her parents, then we could consider folie a famile for them. The girl was admitted in pediatric ward and nutritional therapy was started for her.

In six month follow-up, the father still had some residual persecutory delusions with partial insight the mother was free of persecutory delusions but somewhat depressed, and the little daughter improved physically but seemed withdrawn and irritable and was under psychotherapy.

**Discussion**

Shared Psychotic Disorder is a rare condition seen in the psychiatric fields and its exact incidence is not precisely known. Here a case of shared paranoid delusion is described. The intensity of the resentment and negative emotion accompanying the persecutory delusion was so high that made them in complete social isolation.

Silveira analyzing published case reports from 1942 to 1993 that met DSM-IV criteria for SPD found that: 1) males and females were affected with equal frequency; 2) there was equal prevalence in younger and older patients; 3) the majority of shared psychoses were equally distributed among married couples, siblings, and parent-child dyads; 4) co-morbid dementia, depression, and mental retardation were common; 5) hallucinations were common; and finally 6) the majority of dyads were socially isolated.11

Environmental factors are associated with later risk for schizophrenia and other psychotic disorders.11-13 When SPD was found in husband-wife constellation, the role of environment in causing psychosis could be demonstrated. Dipple and colleagues described a case of folie a six in which the persecutory delusions of the central figure spread to the husband, the two sons, sister-in-law and their nephews.14 This report indicated that the delusion can be transferred to other people regardless of being biologically relative or not.

SPD is a rare psychiatric condition that might cause diagnostic problems especially if the partners are consanguineous.15 The question is that "whether the supposed secondary patient suffers from a transmitted delusional belief or from an independent endogenous psychosis." Leonhard and colleagues defined a group of unsystematic schizophrenia showing predominantly delusional
symptoms that is called affect-laden paraphrenia (AP). Reif supposed that a substantial portion of reported SPD cases in relatives actually represent AP in both patients. This is an important point that should be kept in mind while describing SPD cases.

Shimizu and colleagues in an analysis of delusional statements from 15 Japanese Cases of Folie a Deux concluded that in SPD “We typed” statements are used to describe the delusion like “We are persecuted”. The couple in our case also believed that they were persecuted and used “We typed” statements.

On the basis of theoretical considerations, interventions that aim at separation in psychological terms are necessary to achieve favorable long-term treatment results. There was a dramatic response in the wife, in our case, after being separated from her husband. For preventing such tragedy cases to happen again, to the author’s idea there should be better psychoeducations for the families, more social supervisions from the government and easily in touch psychiatric services. In conclusion we think that this case report is the most tragedy SPD that has ever been described in literature. It shows how human’s delusion could be so destructive and catastrophic to the extent of starvation and dying. This case report emphasis on the role of surrounding environment in developing and waning of delusions in the secondary partner with shared psychotic disorders.

References

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