

Aims The aim is to provide useful information regarding this frequent, often disregarded, comorbidity.

Methods Our results proceed from the Andalusian delusional disorder case-register (DelirAnda). We reviewed 1927 clinical histories of patients diagnosed of delusional disorder. Upon having verified the diagnosis following DSM-V criteria, we recollected data on the prevalence of blindness and hearing loss, which were defined based on clinical diagnosis.

Results One thousand four hundred and fifty-two patients matched DSM-5 delusional disorder criteria. Among them, 49.8% of our sample were women. The overall prevalence of sensory deficits was 7.4%, 3.5% of the patients with delusional disorder were blind, while 3.9% of them suffered from hearing loss.

Conclusions Our results are consistent with previous studies, such as the Deliremp study, which found a 5.7% prevalence of sensory deficit among delusional disorder patients. These results show a higher prevalence of sensory deficit among delusional disorder patients compared with the general population. However, causality could not be established. Further study should be undertaken regarding the relationship between these two conditions.

Disclosure of interest The authors have not supplied their declaration of competing interest.

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EW132

Comorbidity between delusional disorder and chronic physical conditions. Results from the Deliranda case register

A. Porras Segovia^{1,*}, C. Carrillo de Albornoz Calahorra², M. Guerrero Jiménez², J. Cervilla Ballesteros^{1,3}

¹ University Hospital San Cecilio, Mental Health Services, Granada, Spain

² Santa Ana Hospital, Mental Health Services, Motril, Spain

³ University of Granada, Psychiatry Department, Granada, Spain

* Corresponding author.

Introduction Mental disorders are often comorbid with chronic physical conditions. This relationship has been looked into in some mental disorders, such as depression or schizophrenia. However, very few studies have explored this comorbidity in the delusional disorder.

Objectives The objective of this study is to establish the prevalence of common chronic medical conditions across delusional disorder.

Aims The aim is to provide useful information regarding this frequent, often disregarded, comorbidity.

Methods Our results proceed from the Andalusian delusional disorder case-register (DelirAnda). We reviewed 1927 clinical histories of patients diagnosed of delusional disorder. Upon having verified the diagnosis following DSM-5 criteria, we recollected data on the prevalence of 10 different medical conditions, which were defined based on clinical diagnosis.

Results One thousand four hundred and fifty-two patients matched DSM-5 delusional disorder criteria. Among them, 49.8% of our sample were women. The overall prevalence of medical conditions was 66%. Thirty-one percent of the patients with delusional disorder had only one comorbid physical condition, 20% of them suffered from two conditions, and 15% of them had three or more chronic conditions. The most prevalent physical condition among delusional disorder patients was diabetes, affecting 16% of these patients.

Conclusions Chronic physical conditions are highly prevalent among patients with delusional disorder. Comorbid physical conditions may have an important impact on the course of delusional disorder. A correct diagnosis and treatment of this comorbidity should be made to help improve the prognosis and life quality of these patients.

Disclosure of interest The authors have not supplied their declaration of competing interest.

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EW133

Punding in Parkinson's disease: To a better understanding of a common phenomenon between Parkinson's disease and addictions

A. Tremey*, I. de Chazeron, G. Brousse, P.M. Llorca
CHU Clermont-Ferrand, psychiatry, Clermont-Ferrand, France

* Corresponding author.

Introduction Punding is a stereotypical motor behaviour characterized by a repetitive, excessive and non-goal oriented activity that causes an important loss of time. Since its first description in psychostimulant addicts, data on punding has only derived from studies on Parkinsonian patients treated with dopaminergic drugs. Little is known in the literature about Parkinsonian patient's characteristics who suffer from punding.

Objective We propose to study characteristics of Parkinsonian "punders" in order to investigate the pathophysiology of this phenomenon.

Methods In this retrospective study, we use the "Arduin Scale of Behavior in Parkinson's disease" database. This database was initially used to design a global scale to detect changes in mood and behavior of Parkinson's disease (PD) patients. We compared different variables between Parkinsonian patients who suffer from punding with non-punder Parkinsonian patients.

Results Eighty of the 258 patients were identified as punders. In univariate analysis, the punder and non-punder groups differed statistically with regard to the age of diagnostic of PD, hypersexuality and dopaminergic agonist treatment. In multivariate analysis, the punder and non-punder groups only differed statistically with regard to dopaminergic agonist treatment ($P=0.05$).

Conclusion Dopaminergic agonist treatments appear to be more represented among patients with punding in our sample. Impulse control disorders (ICD) are known to be more common in patients treated by dopamine agonists. Punding could be considered as the most severe form of ICD that is linked to psychomotor stimulation and reward mechanisms.

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Alexithymia and asthma

M. Turki^{1,*}, R. Naoui¹, N. Moussa², S. Sellami², I. Gassrara¹, N. Halouani¹, N. Hamza¹, J. Aloulou¹, S. Kammoun², O. Amami¹

¹ Hedi Chaker University Hospital, Psychiatry Department, Sfax, Tunisia

² Hedi Chaker University Hospital, Pulmonary Department, Sfax, Tunisia

* Corresponding author.

Introduction Alexithymia refers to difficulties in verbal expression of emotions, commonly observed in patients with psychosomatic symptoms. In this context, asthma is described as one of psychosomatic diseases.

Objectives Identify clinical profile of asthmatic patients and assess the alexithymia level as well as associated factors.

Methods We conducted a cross-sectional, descriptive and analytic study, including 30 patients followed for asthma at pulmonary outpatient department, Hedi Chaker Hospital, Sfax, Tunisia, during September and October 2015. We collected socio-demographic and clinical characteristics. Asthma control level was assessed by