

- **36** Knibbs N, Tsoi DT. Varenicline induces manic relapse in bipolar disorder. *Gen Hosp Psychiatry* 2011; **33**: 641e1–2.
- 37 Francois D, Odom A, Kotbi N. A case of late-life onset mania during Varenicline assisted smoking cessation. *Int J Geriatr Psychiatry* 2011; 26: 658–9.
- 38 Hussain S, Kayne E, Guwanardane N, Petrides G. Varenicline induced mania in a 51 year old patient without history of bipolar illness. *Prog Neuropsychopharmacol Biol Psychiatry* 2011; 35: 1162–3.
- 39 MacSuibhne S, Giwa TA, McCauley MD. Varenicline (Champix)-associated manic relapse in bipolar affective disorder. Ir Med J 2010; 103(9): 286.
- 40 Morstad AE, Kutscher EC, Kennedy WK, Carnahan RM. Hypomania with agitation associated with varenicline use in bipolar II disorder. *Ann Pharmacother* 2008; 42: 288–9.
- 41 Kohen I, Kremen N. Varenicline-induced manic episode in a patient with bipolar disorder. Am J Psychiatry 2007; 164: 1269–70.
- **42** Mineur YS, Picciotto MR. Biological basis for the co-morbidity between smoking and mood disorders. *J Dual Diagn* 2009; **5**: 122–30.
- 43 Khokhar JY, Dwiel LL, Henricks AM, Doucette WT, Green AI. The link between schizophrenia and substance use disorder: a unifying hypothesis. Schizophr Res 2018: 194: 78–85.
- 44 Fowles DC. Schizophrenia diathesis-stress revisited. Annu Rev Psychol 1992; 43: 303–36.
- 45 Lippard ETC, Mazure CM, Johnston JAY, Spencer L, Weathers J, Pittman B, et al. Brain circuitry associated with the development of substance use in bipolar disorder and preliminary evidence for sexual dimorphism in adolescents. J Neurosci Res 2017; 95: 777–91.
- 46 Heffner JL, Anthenelli RM, Adler CM, Strakowski SM, Beavers J, DelBello MP. Prevalence and correlates of heavy smoking and nicotine dependence in adolescents with bipolar and cannabis use disorders. *Psychiatry Res* 2013; 210: 857–62.
- 47 Berk M, Ng F, Wang WV, Tohen M, Lubman DI, Vieta E, et al. Going up in smoke: tobacco smoking is associated with worse treatment outcomes in mania. J Affect Disord 2008; 110: 126–34.

- **48** Ostacher MJ, Nierenberg AA, Perlis RH, Eidelman P, Borrelli DJ, Tran TB, et al. The relationship between smoking and suicidal behavior, comorbidity, and course of illness in bipolar disorder. *J Clin Psychiatry* 2006; **67**: 1907–11.
- 49 Ta-Chuan Y, Sheng-Chiang W, Yu-Tien C, Chin-Bin Y. Predictors of nicotine dependence in adolescents: symptoms of bipolar disorder and attentiondeficit/hyperactivity disorder. *J Child Adolesc Psychopharmacol* 2017; 27: 366–73.
- 50 ter Meulen WG, van Zaane J, Draisma S, Beekman ATF, Kupka RW. Does the number of previous mood episodes moderate the relationship between alcohol use, smoking and mood in bipolar outpatients? *BMC Psychiatry* 2017; 17 (1): 185.
- 51 Medeiros GC, Lafer B, Kapczinski F, Miranda-Scippa Â, Almeida KM. Bipolar disorder and tobacco smoking: categorical and dimensional clinical correlates in subjects from the Brazilian bipolar research network. *Compr Psychiatry* 2018; 82: 14–21.
- 52 Wilens TE, Biederman J, Martelon M, Zulauf C, Anderson JP, Carrellas NW, et al. Further evidence for smoking and substance use disorders in youth with bipolar disorder and comorbid conduct disorder. *J Clin Psychiatry* 2016; 77: 1420–7.
- 53 Ducasse D, Jaussent I, Guillaume S, Azorin JM, Bellivier F, Belzeaux R, et al. Increased risk of suicide attempt in bipolar patients with severe tobacco dependence. J Affect Disord 2015; 183: 113–8.
- 54 O'Hagan M, Cornelius V, Young AH, Taylor D. Predictors of rehospitalization in a naturalistic cohort of patients with bipolar affective disorder. *Int Clin Psychopharmacol* 2017; 32: 115–20.
- 55 Moon E, Chang JS, Choi S, Ha TH, Cha B, Cho HS, et al. Characteristics of stress-coping behaviors in patients with bipolar disorders. *Psychiatry Res* 2014; 218: 69–74.



## psychiatry in literature

## **Epidemics: dancing manias (reassuringly rare in Great Britain)**

## Greg Wilkinson 🕞

Dancing manias of medico-politico-religio-sociocultural origin broke out from the 7th to the 17th century in Europe, notably Strasbourg (1518):

'Amidst our people here is come
The madness of the dance.
In every town there now are some
Who fall upon a trance.
It drives them ever night and day,
They scarcely stop for breath,
Till some have dropped along the way
And some are met by death.' (Straussburgh Chronicle of Kleinkawel, 1625)

Here, in more recent times, anonymously The Inquirer (Edinburgh Medical and Surgical Journal, 1807; **3**(12): 434–47) reports 'some convulsive diseases':

The first of these that I shall notice, is peculiar to a part of Forfarshire, and is called by the people of that district the *Leaping Ague*, and incorrectly by some medical men St Vitus's Dance. [...]

Those affected with it first complain of a pain in the head, or lower part of the back, to which succeed convulsive fits, or fits of dancing, at certain periods. During the paroxysm, they have all the appearance of madness, distorting their bodies in various ways, and leaping and springing in a surprising manner, whence the disease has derived its vulgar name. Sometimes they run with astonishing velocity, and often over dangerous passes, to some place out of doors, which they have fixed on in their own minds, or, perhaps, even mentioned to those in company with them, and then drop down quite exhausted. At other times, especially when confined to the house, they climb in the most singular manner. In cottages, for example, they leap from the floor to what is called the baulks, or those beams by which the rafters are joined together, springing from one to another, with the agility of a cat, or whirling round one of them, with a motion resembling the fly of a jack. Cold bathing is found to be the most effectual remedy; but when the fit of dancing, leaping, or running comes on, nothing tends so much to abate the violence of the disease, as allowing them free scope to exercise themselves, till nature be exhausted.

No mention is made of its being peculiar to any age, sex, or condition of life, although I am informed, by a gentleman from Brechin, that it is most common before puberty. In some families it seems to be hereditary; and I have heard of one, in which a horse was always kept ready saddled, to follow the young ladies belonging it, when they were seized with a fit of running. It is said, that the clattering of tongs, or any similar noise, will bring on a fit. By some, it is considered entirely as a nervous affection, and by others, as the effect of worms. In various instances, the latter opinion has been confirmed by facts.

It was first observed in the parish of Menmuir, and has prevailed occasionally in that and the neighbouring parishes, for about seventy years; but is not now nearly so frequent as it was about thirty years ago.'

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