

To the best of our knowledge there are no measures of 'psychodynamic origin' specifically related to avoidant personality disorder and hence we used the PDBQ. Furthermore, it was not feasible to keep the independent assessors who completed the SCID-II unaware of the treatment group in a number of instances.

Post-treatment CBT was significantly superior to BDT on all 'primary' outcome measures. A significance level of $\alpha=0.1$ set rather than 0.01 as claimed by Leichsenring & Leibing. Even if we exclude the SPAI scores ($P=0.09$), this still leaves superior outcome for CBT on three out of four outcome variables. The lack of power to detect differences between the waiting-list control group and the active treatments is acknowledged as a limitation.

There are important differences between our study and that of Svartberg *et al* (2004). Svartberg *et al* included all types of cluster C and self-defeating personality disorders, rather than limiting their study to avoidant personality disorder. Two-fifths of their sample did not fulfil criteria for avoidant personality disorder treatment and treatment consisted of 40 rather than of 20 sessions. Furthermore, outcome with respect to personality disorders (sic) was only assessed with the Millon Clinical Multiaxial Inventory (Millon, 1994), rather than with the gold standard SCID-II. Finally, the lack of a control group in the study of Svartberg *et al* renders the results difficult to interpret.

In contrast to most other psychotherapy studies, we did our utmost to prevent an effect of investigator allegiance. The study was designed in close cooperation with two psychodynamic therapists (G.F. and H.K.) and two cognitive-behavioural therapists (A.B. and A.K.), who all fully participated in the design of the study, selection of measures, treatment manuals (including degree of flexibility) and therapists.

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Anti-phospholipid antibodies, neuroleptic treatment and cardiovascular morbidity

Joukamaa *et al* (2006) reported a clear relationship between the number of neuroleptic drugs prescribed and mortality of people with schizophrenia. The more important causes of death were cardiovascular disease and unspecified respiratory disease. Moreover, the authors postulated that overlooked venous thrombosis or pulmonary embolism accounted for some respiratory deaths.

Oomen *et al* (1995) documented increased vascular morbidity at 2-year follow-up in patients with anti-phospholipid antibodies who were newly admitted for psychiatric treatment. These patients showed a range of cardiovascular accidents (arterial or venous thrombosis, pulmonary embolism and myocardial infarction). The negative control group without anti-phospholipid antibodies had no vascular complications during follow-up.

Vascular events associated with such autoantibodies range from superficial to life-threatening multiple organ thrombosis developing over a short period ('catastrophic' anti-phospholipid syndrome). Thrombosis in anti-phospholipid syndrome appears to be a 'two-hit' phenomenon. Autoantibodies (the first 'hit') are continually present in the circulation, yet a local trigger (the second 'hit') is required to induce thrombus formation. Erkan & Lockshin (2006) recently suggested the elimination of reversible thrombosis risk factors and heparin prophylaxis during high-risk periods in people with persistent anti-phospholipid antibodies. Chengappa *et al* (1991) and Schwartz *et al* (1998) demonstrated a high prevalence of anti-phospholipid antibodies (about 30%) in patients. A prospective study is ongoing in our departments to confirm the prevalence of anti-phospholipid antibodies with a first

episode of acute psychosis before and after neuroleptic treatment. If historical data are confirmed, more attention should be paid to the fact that up to one-third of patients presenting with psychosis have anti-phospholipid antibodies and are at risk of cardiovascular or respiratory morbidity/mortality when neuroleptic treatment or physical restraint are used.

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Letters to the Editor

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