

Given the therapeutic relevance of early identification and therapy in BD patients, it might be anticipated that detecting cortical abnormalities before they appear in standard MRIs may enhance disease management and a patient's prognosis [5]. The purpose of this study was to look at changes in cortical abnormalities in BD patients with and without neurological involvement, as well as the mechanism driving neurological dysfunction in BD patients.

This study was planned in advance and was authorised by a local ethics commission. All participants were well informed and provided written informed consent. Before each examination, each patient provided written informed consent [6]. STROBE (Strengthening the Reporting of Observational Studies in Epidemiology) criteria were strictly followed.

There were no variations in age or gender between the patient and control groups. The median illness duration for patients with BD without neurological involvement was 7.5 (IQR, 3-15) years, and 11.5 (IQR, 4.75-16.75) years for patients with PNBD. For PNBD patients, the median duration of neurological symptoms was 4.5 (IQR, 2-11) years. Other clinical results are discussed [7-8].

We found significant decreases in cortical thickness in various regions, such as the right superior frontal gyrus ($p = 0.014$)

In this prospective study we looked at cortical thickness alterations in the brain in BD without clinical neurological involvement and PNBD. We discovered significant cortical thinning in the brains of PNBD patients and certain regions of BD patients who did not have symptomatic neurological involvement [9]. We also discovered that PNBD patients had widespread cortical thinning as compared to BD patients without neurological involvement [10]. Disease duration was adversely associated to bilateral pericalcarine, left cuneus, and left

of CAUTIs in neuro-ICU patients in everyday clinical practice, using only a few easily accessible characteristics. The nomogram primarily included clinical risk variables at admission (age, admission diagnosis, and albumin levels) as well as the length of stay in the neuro-ICU [12].

The nomogram is a useful tool for promoting more individualised nursing for neuro-ICU patients as well as the avoidance of nosocomial infections.

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