In Neuropsychoanalysis in Practice, Georg Northoff discusses the various neuronal mechanisms that may enable the transformation of neuronal into psychological states, looking at how these processes are altered in psychiatric disorders like depression and schizophrenia. He focuses specifically on how the brain is organized and how this organization enables the brain to differentiate between neuronal and psychodynamic states, that is, the brain and the psyche. This leads him to discuss not only empirical issues but also conceptual problems, for instance, the concept of the brain.

Neuropsychoanalysis in Practice applies these concepts and mechanisms to explain the various symptoms observed in psychiatric disorders such as depression and schizophrenia. In addition to the empirical issues, he also discusses various conceptual and methodological issues that are relevant in linking neuroscience and psychoanalysis, developing a novel transdisciplinary framework for linking neuroscience, psychoanalysis and philosophy.