

## LIMBIC PSYCHOTIC TRIGGER REACTION, A MOTIVATIONAL HOMICIDE: A CASE REPORT

DARAKHSHAN AHMAD<sup>1</sup>, ABDUL GHAFOOR<sup>2</sup>, FAREED MINHAS<sup>3</sup> & MAHMOOD ALI KHAN<sup>4</sup>

<sup>1</sup>Holy Family Hospital, Rawalpindi, Pakistan

<sup>2, 3, 4</sup>Institute of Psychiatry, WHO Collaborating Centre, Benazir Bhutto Hospital, Rawalpindi, Pakistan

### ABSTRACT

Limbic Psychotic Trigger Reaction is a type of Non Convulsive behavioral seizures. As described by Pontius, memories triggered by an unrelated stimulus kindle seizure like activity in the limbic system, which combined with the disharmony of front limbic interactions, results in sudden, "bizarre, out of character, emotionless, non voluntary and unplanned antisocial acts"

To the best of our knowledge, There have been a total of 24 reported cases of Limbic Psychotic Trigger Reaction worldwide, and this is the 25<sup>th</sup>. Four of these involved fire setting, one case of bank robbery and the rest of homicide (with one case involving attempt to rape).

All these cases were evoked rather than provoked and involved the classic 3 components of seizure i-e aura (comprising perceptual distortions, hallucinations, etc.), ictal phase (usually associated with autonomic dysfunction) and postictal confusion.

The objective of this case report is not only to highlight the symptomatology of this disease, but also emphasizes on progression with time and long term sequel in the form of depression and brain damage.

**KEYWORDS:** Behavioral Seizures, Kindling, Fronto Limbic Disharmony, Kindling, Limbic Psychotic Trigger Reaction, Temporal Lobe Epilepsy, Partial Seizures