

MUHAMMAD HAMZA GUL
BACHA KHAN MEDICAL COLLEGE,
PAKISTAN



Breast cancer's hidden partner: Meningoencephalitis as a paraneoplastic revelation: A rare presentation of invasive ductal carcinoma of breast: A case report

Abstract:

Introduction and importance: Paraneoplastic neurologic syndromes encompass a group of neurologic disorders arising from pathological processes unrelated to metastasis, metabolic disturbances, infections, coagulopathy, or treatment-related side effects. These syndromes can affect various regions of the nervous system, resulting in diverse clinical manifestations

Case presentation: The authors present a rare case of anti-amphiphysin-associated meningoencephalitis in a South Asian Pakistani woman. Initially, the patient was managed for suspected infectious meningitis, but empirical treatment failed to yield improvement.

Subsequent investigations unveiled a paraneoplastic syndrome secondary to breast cancer.

Discussion: Diagnosing these clinical entities is challenging due to their multifaceted presentations, often leading to delayed identification, increased patient suffering, economic burdens, and preventable complications.

Conclusion: Anti-amphiphysin-associated meningoencephalitis is a rare manifestation of paraneoplastic syndromes. It is crucial to raise awareness among healthcare professionals about the diverse presentations of paraneoplastic syndromes.

Biography

Dr. Muhammad Hamza Gul is a medical graduate and research scholar from Pakistan. Currently practicing medicine in Pakistan, Dr. Gul has also demonstrably achieved a high level of competency by passing the United States Medical Licensing Examination (USMLE). This accomplishment signifies Dr. Gul's dedication to excellence in the medical field and his potential for international collaboration and practice. His background at Bacha Khan Medical College has equipped him with a strong foundation in medical knowledge and skills, while his ongoing research endeavors showcase his commitment to advancing the field.