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Diagnostic Challenges and Therapeutic Approaches in Rasmussen Encephalitis: A Review

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ABSTRACT:

Rasmussen Encephalitis (RE) is a rare and severe neurological disorder primarily affecting children, characterized by progressive unilateral hemispheric inflammation leading to refractory epilepsy and neurological deficits. Because RE presents differently and overlaps with other illnesses, diagnosing it can be difficult. The current knowledge on REs, clinical symptoms, and diagnostic standards is compiled in this review. Timely action and better results depend on early detection and precise diagnosis. Various therapeutic modalities, including antiepileptic drugs, immunomodulatory agents, and surgical options like hemispherectomy, are discussed in terms of their efficacy and limitations in managing RE. The evolving landscape of novel treatments, such as immunotherapies and targeted interventions, offers promising avenues for future research and personalized management strategies in RE patients.

Key words: Rasmussen Encephalitis (RE), Inflammation, Therapeutic modalities, Neurological deficits.

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