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**David M. Chan** and **Candace M. Kent\*** (cmkent@vcu.edu), 3510 Hanover Avenue, Richmond, VA 23221, and **Vlajko L. Kocic** and **Stevo Stevic**. *A Proposal for an Application of a Max-Type Difference Equation to Epilepsy.*

We propose, *for the sake of dialogue*, that the nonautonomous reciprocal max-type difference equation,

$$x_{n+1} = \max \left\{ \frac{A_n^{(0)}}{x_n}, \frac{A_n^{(1)}}{x_{n-1}}, \dots, \frac{A_n^{(k)}}{x_{n-k}} \right\}, \quad n = 0, 1, \dots,$$

where the parameters are positive periodic sequences and the initial conditions are positive, when  $k = 1$  may serve as a *phenomenological model* of seizure activity as occurs in *mesial (or middle) temporal lobe epilepsy*. (Received July 26, 2018)