

For adults with epilepsy on a ketogenic diet, the data (controlled trials) is very small and the effect of this therapy seems smaller than in paediatric patients. From a theoretical point of view, this presentation will show that adult patients on the ketogenic diet could be a very different population than paediatric patients. In a second part, 3 adult cases with genetic Glut1 deficiency will be described, showing that adult Glut1 deficiency patients can also be very different compared to paediatric cases.

One case with therapy initiation in the 8th decade of life, one case with therapy initiation in the 31st year of life and unexpected neuropsychological therapy effects and another case that first became symptomatic in the 20th year of life will be reported.