

Joint Meeting on
30th International Conference on
PSYCHIATRY AND MENTAL HEALTH
&
25th COGNITIVE NEUROSCIENCE CONGRESS
November 12-13, 2018 Dubai, UAE

Reproductive behavior in women with epilepsy

G Odintsova, A Chugunova, N Ivanova

Almazov National Medical Research Center, Russia

The significance of epilepsy reproductive questions is provided by medical social aspects of the disease.

Purpose was to research reproductive behaviour (RB) and fertility rate (FR) in women with epilepsy (WWE).

128 WWE aged 20 - 45y.o. were included in the prospective observation research of antiepileptic drugs (AEDs) reproductive side effects. 3 groups were allocated: 1gr. - AEDs monotherapy, 2 gr. - polytherapy, 3 gr. - without AEDs. FR was accounted. RB was investigated by interview.

Results: 1gr. - 58 (45%), 2gr. - 53 (42%), 3 gr. - 16 patients (13%). Average age of the surveyed women made 25 years with prevalence patients in optimal reproductive age (20-30y.o.) - 62%. 47% women were marriage. 31% had children without differences in groups. Only 18% children were born before mother's disease. Fertility rate - is the average number of children that would be born to a woman over her lifetime. Fertility rate for simple generations replacements should be 2, 15. Fertility rate was 0, 3 in cohort. Women planning pregnancies were 45%. Majority patients planned to have one child. New RB tendency was presented by early repeated pregnancies. New generation AEDs (lacosamide, perampanel) allowed achieving remission in first and second polytherapy but weren't resolved in monotherapy. It was real problem for women in reproductive age. RB "without children" remained actual problem for epilepsy.

Conclusion: Reproductive behaviour was changing at the present time. Fertility rate among women with epilepsy was lower optimal due to medical and social reasons. Antiepileptic therapy during pregnancy remained a legal problem.

Biography

Galina Odintsova has completed her PhD from Institute of human brain of RAS in 2012. She is the senior researcher of Almazov National Medical Research Center. She has published more than 100 papers in journals and has been speaker of 30 Russian and foreign congresses.

ajo@mail.ru