

c) Amanda G. Wood's research article consists of her research done with Murdoch Childrens Research institution with the aid of Monasha and Aston University. The purpose of this research experiment was to see how children of epileptic mothers develop after being exposed to doses of antiepileptic drugs (AEDs) and particular valproate (VPAs) - how various dose exposures play a role in memory dysfunction of these children. Wood aimed to see if there was any correlation between work performance and the exposure of the dose.

- Talk about previous researchers and their results

d) Wood's research began in November 2007 and ended in the fall of 2010. With the help of Australian Pregnancy Register for Women with Epilepsy she was able to recruit 105 children participants, who were between 6 to 8 years old at the start of the experiment. All of the participants were confirmed not to have any major disabilities. Throughout the experiment, the participants completed several neuropsychological measurable assessments. Prior to this, the mothers took part in a questionnaire to provide behavioral, intellectual and confidential information that their children would be blinded to. The measurable assessments consist of a total of 5 measures, where 2 of the measures have more sub-categories; intellectual functioning, language skills, working memory skills, verbal and nonverbal memory functioning. These had the children participating in a series of tests that were created by other academic authorities.

Intellectual functioning consisted of the children testing their Intelligence Quotient on a full scale. Language skills have the ability to comprehend language measures through the Core Language index score. Working memory skills has the children's memories studied through the Working Memory index. Verbal memory functioning is made up of list memory and narrative memory testing. List memory is a set of tasks from NEPSY-II that targets learning through repetition, interference and slow development. Narrative memory is another set of tasks from NEPSY-II, however this time the tasks revolve around recalling information and testing the memory from a written account. Finally, nonverbal memory functioning consists of memory for designs, rey complex figures, prospective information and maternal measures. Memory for design is also from NEPSY-II and is a visual test. Where the participants see visual representations of designs and their recall is tested. Rey complex figure, consists of the children coping/illustrating cognitive memories. Prospective information contains the information of the history of child and mother through the development and contact with AED since pregnancy. Lastly, maternal measures are factors of the families status in life, mainly the socioeconomic status.

- Data analysis
- Results