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International League Against Epilepsy (ILAE)

BMI

mg/kg/day

BMI
mg/kg/day

McNemar's

(% /)

BMI

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.(P< /)

(% /)

.(P= /)

.(P< /)

.(P< /)

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mg/kg/day mg/kg/day .(-)

BMI

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(BMI

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BMI

/ - / BMI

/ - /

sequential randomized matched double blind

McNemar's

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:

.() ILAE

BMI

BMI

($P < /$)

BMI

-					
BMI					
/ ± /		(/)	(/)	± /	(N ₁ =)
/ ± /		(/)	(/)	/ ± /	(N ₂ =)
P< /	P< /	P< /	P< /		

BMI

BMI

(P< /)

()

(%)

% /

(%)

% /

%

(P< /)

(%)

McNemar's

(P< /)

% /

% /

(P< /)

BMI			
BMI			
BMI			
(%)	(%)	(%)	(%)
()	(/)	()	(/)
()	(/)	(/)	()

() (N ₂ =)		(N ₁ =)	
(%)	(%)		
()	()	- :	
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()	()	- :	BMI
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Novak .() Wirrell

/ - /

BMI

.(P< /)

BMI

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Egger .

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Wirrell

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Novak

Dinesen

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%

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OB

.(% %)

Dinesen Novak

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BMI

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REFERENCES

1. Johnston MV. Seizure in Childhood. IN: Behrman RE, Kliegman RM, Jenson HB. Nelson Text book of Pediatrics. 17th ed. Philadelphia: Saunders. 2004; PP: 1993-5.
2. Menkes JH, Sankar R. Paroxysmal Disorders. In: Menkes JH, Sarnat HB. Child Neurology. 6th ed. Philadelphia: Lippincott Williams & Wilkins. 2000; P: 919-1026.
3. Burton Beverly S. On the propyl derivatives and decomposition products of ethyl acetoacetate. Am Chem J 1882; 3: 385-95
4. Egger J, Brett EM. Effect of sodium valproate in 100 children with special reference to weight. Br Med J (Clin Res) 1981; 283: 577-87.
5. Dinesen H, Gram L, Andersen T, Dam M. Weight gain during treatment with valproate. Acta Neurol Scand 1984; 69:65-9
6. Demir E. Weight gain associated with valproate in childhood. Pediatr Neurol 2000; 22: 361- 4.
7. Breum L, Astrup A, Gram L, Andersen T, Stokholm KH, Christensen NJ, et al. Metabolic changes during treatment with valproate in humans: implication for untoward weight gain. Metabolism 1992; 41: 666-70
8. Verrotti A, Basciani F, Morresi S, de Martino M, Morgese G, Chiarelli F. Serum leptin changes in epileptic who gain weight after therapy with valproic acid. Neurology 1999; 53: 230-2.
9. Wirrell EC. Valproic acid associated weight gain in older children & teens with epilepsy. Pediatr Neurol 2003; 28: 126-30.
10. Daniela trotta. Insulin resistance in epileptic girls who weight after therapy with valproic acid. Neurology 2003; 18: 306.
11. Novak GP, Maytal J, Alshansky A, Eviatar L, Sy-Kho R, Siddique Q. Risk of excessive weight gain in epileptic children treated with valproate. J Child Neurol 1999; 14: 490-5