

Eat Right

Food, Nutrition and Health Tips from Kids Eat Right

Sleep and Your Child

Help Your Child Get Enough Sleep for a Healthy Weight

Why is sleep important?

- Your child needs enough sleep to grow and develop.1
- Sleep is important to your child's weight.^{2,3,4,5}
- Sleep allows your child's physical, mental and emotional functions to reset. Sleep can help your child do better in school because it helps improve focus.^{6,7}

How much sleep does my child need?

The National Sleep Foundation suggests that children get the following hours of restful sleep⁷:

Recommended Age number of hours of sleep per night

< 5 years old 11+ hours

5–10 years old 10+ hours

8.5-9.25 hours 10+ years old



creates changes in hormone secretions that regulate hunger and appetite.^{7,8} Over time, this can slow metabolism and contribute to weight gain in children.^{3,4,5} Children who get enough sleep are less likely to suffer obesity-related health problems like diabetes, heart disease, and sleep apnea.^{4,9} Even one extra hour of sleep per night for kids who don't get enough sleep can lower the risk of becoming overweight.3

How can I help my child get enough sleep?

- Talk with your child about getting enough sleep.
- Set and agree on a bedtime with your child and be consistent in sleeping at the agreed time every night.⁷

 Limit or remove all caffeinated drinks from your child's diet. This includes soft drinks, tea, and energy drinks.⁷

• Make the hours before sleep calm and relaxing by developing a bedtime routine. Bedtime routines may include a bath, reading a story, or quiet time before bed.⁷

- Be aware of the amount of hours your child sleeps each night. Make adjustments in bedtime routine if needed to insure adequate sleep.
- Make the bed only for sleeping and not watching TV, doing homework, or playing video games.⁷
- Remove the television, video games, and cell phone from the bedroom.⁷

References:

- 1. Baron KB, Reid KJ, Kern AS, Zee PC. Role of Sleep Timing in Caloric Intake and BMI. Obesity. 2011; 19(7): 1374-1380.
- 2. Lyytikainen P, Rahkonen O, Lahelma E, Lallukka T. Association of sleep duration with weight and weight gain: a prospective follow-up study. *J Sleep Res.* 2011; 20(2):298-302.
- 3. Clifford LM, Beebe DW, Simon SL, Kuhl ES, Filigno SS, Rausch JR, Stark LJ. The association between sleep duration and weight in treatment-seeking preschoolers with obesity. *Sleep Med.* 2012 Sep; 13(8):1102-5.
- 4. Spruyt K, Molfese DL, Gozal D. Sleep duration, sleep regularity, body weight, and metabolic homeostasis in school-aged children. *Pediatrics*. 2011;127:e345-352.
- 5. Patel SR, Hu FB. Short sleep duration and weight gain: a systematic review. *Obesity*. 2008; 16(3):643-653.
- 6. Jiang F, Zhu S, Yan C, Jin X, Bandla H, Shen X. Sleep and Obesity in Preschool Children. The Journal of Pediatrics. 2009; 154: 814-818.
- 7. National Sleep Foundation Web Site. http://www.sleepfoundation.org. Accessed September 13, 2013.
- 8. Darukhanavala A, Pannain S. (2011) Sleep and Obesity in Children and Adolescents. In Bagchi D, Editor *Global Perspectives on Childhood Obesity: Current Status, Consequences and Prevention Sleep and Obesity in Children and Adolescents* (167-182). San Diego: Academy Press.
- 9. Verhulst SL, Franckx H, Van Gaal L, De Backer W, Desager K. The effect of weight loss on sleep-disordered breathing in obese teenagers. *Obesity*. 2009; 17(6):1178-1183.



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