



Dr. Axe
FOOD IS MEDICINE

How to Heal Your **CAVITIES NATURALLY**

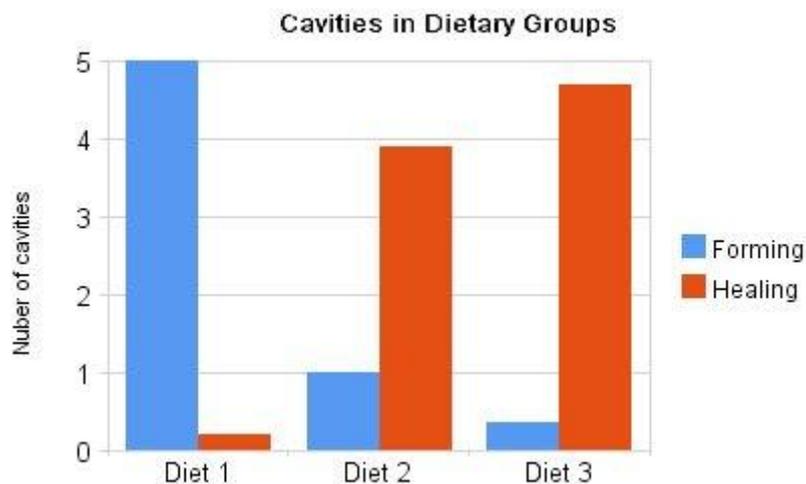
There is a common belief today about [cavities](#) that once you have tooth decay, that cavity can NOT be reversed or healed. Then the only solution to oral wellness is to have part of your tooth drilled out and filled with a synthetic material.

But according to a study published in the *British Medical Journal*, cavities and tooth decay could potentially be healed or reversed with diet. (1)

A study was performed on 62 children with cavities, and they were divided into three different diet groups. Group 1 ate a standard diet plus oatmeal (rich in phytic acid). Group 2 consumed a normal diet and supplemented with vitamin D. **Group 3** ate a grain-free diet and took vitamin D.

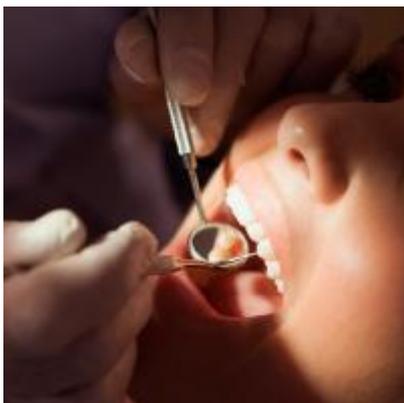
The results found that group 1 who had a diet high in grains and phytic acid had an increase in cavities. Group 2 had improvements in cavities and less form. Group 3 who followed a grain-free diet with nutrient-rich foods like vegetables, fruits, meat,

milk and took vitamin D saw the greatest improvements in which nearly all cavities healed.



This study along with the backing of many doctors and dentists is proving we have been misinformed about what causes cavities and how to reverse cavities naturally. Dentist Ramiel Nagel who authored the book *Cure Tooth Decay* has helped many of his patients “reverse” their tooth decay and would rather not put in fillings. He believes that you can prevent and heal cavities with nutrient-rich foods. In this article I am going to go over the causes of tooth decay and how it may be prevented and in many cases even reversed.

The Cause of Tooth Decay



To understand the link between diet and oral wellness we must start with one of the most well-respected dentists who ever lived Weston A. Price.

West A. Price lived in the early 1900's and was the chairman of the National Dental Association (1914-1923), and a pioneer for the ADA.

Weston Price traveled the world searching to discover what causes tooth decay. Dr. Price found a common link between eating modern foods and cavities. He witness that many indigenous isolated tribes had perfect teeth and little tooth decay. But once they were exposed to a western diet they experienced tooth decay, bone loss and chronic illness.

According to the American Dental Association this is the cause of tooth decay:

“[Tooth decay] occurs when foods containing carbohydrates (sugars and starches) such as milk, pop, raisins, cakes or candy are frequently left on the teeth. Bacteria that live in the mouth thrive on these foods, producing acids as a result. Over a period of time, these acids destroy tooth enamel, resulting in tooth decay.”

But the truth is the ADA is only hitting on 1 of the 4 things that could contribute to tooth decay.

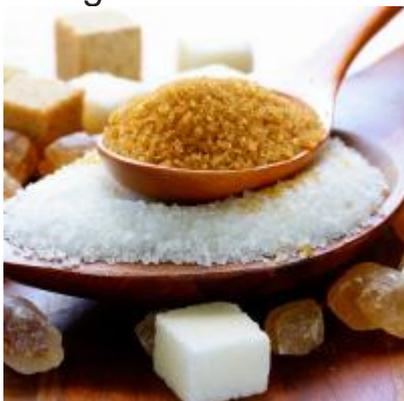
According to the insights of Dr. Edward Mellanby, Dr. Weston Price and Dr. Ramiel Nagel there are 4 main things that contribute to tooth decay:

1. Lack of minerals in the diet (calcium, magnesium and phosphorus)
2. Lack of fat soluble vitamins (A, D, E and K) (especially D)
3. Too much consumption of Phytic Acid rich foods
4. Too much consumption of processed sugar

Let's discuss the 4 aspects that cause tooth decay and how they can be addressed with diet.

How to Reverse Cavities Naturally

Don't be fooled, in addition to brushing and flossing daily, there are several ways you can reverse cavities naturally and maximize your oral health without resorting to taking in fluoride. Here are just a few for you to consider:



Removing Sugar – Probably the worst culprit of them all for anyone who desires healthy, cavity-free teeth, sugar should be avoided like the plague. Not only does sugar feed oral bacteria that prevents a healthy flow of dental fluids, it is highly acidic and can literally decalcify or demineralize the structural content of teeth that create dental decay.

This means staying away from soda, candy, and baked goods with sugar.

Additionally, use raw honey and maple syrup and drink juices sparingly as too much sugar can contribute to cavity formation. Be careful of artificial sweeteners because

of their health risks as well. Bottom line: Make stevia your new best friend along with raw honey in moderation!

Removing Phytic Acid – Phytic acid (phytate) is a mineral blocker and enzyme inhibitor found in grains, nuts, seeds and beans which can cause serious health problems in our diets. The main reason phytic acid has become an issue today is because we have stopped ancient food preparation techniques such as sprouting or sourdough fermentation which kills off the phytic acid.

According to research published in the *The Lancet* a diet high in phytic acid will create mineral deficiencies and cause osteoporosis.

80% of phosphorus in grains and beans is bound to phytic acid so it is completely un-absorbable. In addition to blocking phosphorus availability in humans, these molecules bind minerals necessary for oral health such as calcium, magnesium, iron and zinc; thus, causing them to be unavailable for proper utilization. Consuming foods high in phytic acid decreases magnesium absorption by 60% and zinc by 20%.

Phytic acid not only doesn't allow you to absorb minerals in your food, it also leaches minerals out of your body, bones and teeth!

Subsequently, the powerful anti-nutritional effects of phytic acid have been known to cause digestive disorders, lack of appetite, nutrient deficiencies, and tooth decay. A good rule of thumb is to limit your grain consumption and stay completely clear from unfermented soy products. Because phytic acid is much higher in foods grown using modern high-phosphate fertilizers than those grown in natural compost, try to only eat foods that are organic and GMO-free. If you are aiming to improve your health and reverse cavities, foods high in phytic acid like grains, beans, nuts and soy should be avoided. However, if you soak grains or nuts and then sprout them or do sourdough fermentation you can reduce phytic acid by around 50 – 100%.



Raw Dairy and Nutrient Rich Foods – **Raw dairy** is filled with the vitamins and minerals that contribute to a healthy dental fluid flow and help maintain strong teeth, promote oral wellness and it's how to get cavity-free teeth. Loaded with calcium, vitamin K2, vitamin D3, magnesium, phosphorus, and fat-soluble vitamins

it is a good idea to consume raw dairy products at least weekly. I recommend [goat's milk kefir](#), raw cheeses and organic grass-fed butter are great options.

Remember, if you're going to beat tooth decay, you need to increase your fat soluble vitamin intake and mineral intake. If I were creating an ideal diet to follow, it would look like this:

- Rich in animal foods like [bone broth](#), meat, fish and eggs.
- Raw and cooked vegetables especially green leafy vegetables.
- Raw dairy like kefir, cheese and grass-fed butter
- Fruit one piece daily early in day
- High vitamin D – get plenty of sunshine and days not in sun supplement with 5,000IU daily of [D3](#).
- Foods high in healthy fat like coconut oil, avocado, olives and fish or fermented cod liver oil.
- Fermented grains only and in moderation such as true sourdough bread (or even better no grains at all). You can buy raw flours and breads here: [bluemountainorganics.com](#) and [wisechoicemarket.com](#)
- Nuts, seeds and beans only that have been sprouted. You can find sprouted nuts and seeds at: [bluemountainorganics.com](#).
- Finally, NO processed food, packaged food or fast food.

Mineralizing Tooth Paste – First of all, I know it can get expensive, but there are several brands of fluoride-free toothpaste that you won't have to pay a small fortune to get your hands on. Second, if you're looking to save a buck or two and also want to remineralize your teeth in a *particularly powerful way*, [try making your own!](#)

- 4 tbsp. [Coconut Oil](#)
- 2 tbsp. Baking Soda (aluminum free)
- 1 tbsp. xylitol or 1/8 tsp. stevia
- 20 drops peppermint or clove essential oil
- 20 drops trace minerals or (calcium/magnesium powder)



Oil Pulling – Used for centuries by Ayurvedic medicine, **oil pulling** is a fantastic oral detoxification procedure that has gained some popularity in the U.S. the last several years. Simply done by swishing a tablespoon of oil in your mouth for 20 minutes, this simple oral detoxification procedure has been praised to cure everything from gingivitis to headaches to systemic diseases like diabetes! If you can't do 20 minutes, 3-5 minutes is still good. I recommend using coconut oil or MCT Oil and a drop or two of clove and/or tea tree essential oils for maximal antiseptic and antifungal power. Here are some tips:

- The best time to oil pull (like most other detoxification procedures) is first thing in the morning right after you get out of bed.
- Don't let the 20 minutes time frame deter you. You won't even notice 20 minutes have gone by if you do this during your normal morning routine (i.e. while you shower, put your clothes on and prep for the day).
- Immediately afterwards, rinse your mouth out with warm water. Use salt water for added antimicrobial properties.
- Don't be shocked if the oil/saliva mixture you spit out is milky white or yellow.
- Finally, brush your teeth as normal.

Note: This should be a relative relaxing process, so don't feel compelled to vigorously swish your mouth with oil for the entire time or else you're bound to get sore jaw muscles. Simply and gently move the oil in your mouth and through your teeth without swallowing any of it.

In a nutshell, these are the best ways to naturally reverse cavities. Take charge of your oral wellness today and show off your new, healthy smile with pride!

References:

- Mellanby M, Pattison CL. The Influence of a Cereal-Free Diet Rich in Vitamin D And Calcium on Dental Caries in Children. *British Medical Journal* 1932; 1(37): 507-510.
- Guyenet, Stephan. Reversing Tooth Decay. Available at: <http://wholehealthsource.blogspot.com/2009/03/reversing-tooth-decay.html>.
- Nagel R. Living with phytic acid. Available at: <http://www.westonaprice.org/food-features/living-with-phytic-acid>.
- Southward K. The systemic theory of dental caries. *General Dentistry* 2011; 59(5): 367-73.
- Wills MR and others. Phytic Acid and Nutritional Rickets in Immigrants. *The Lancet*, April 8, 1972, 771-773.
- Navert B and Sandstrom B. Reduction of the phytate content of bran by leavening in bread and its effect on zinc absorption in man. *British Journal of Nutrition* 1985 53:47-53;
- Bohn T, et al. Phytic acid added to white-wheat bread inhibits fractional apparent magnesium absorption in humans. *American Journal of Clinical Nutrition*. 2004 79:418 –23.
- Dephytinization of wheat bran by fermentation with bakers' yeast, incubation with barley malt flour and autoclaving at different pH levels. *Journal of Cereal Science* 2008 48(2):471-476.
- Wellness Mama. Homemade remineralizing toothpaste recipe. Available at: <http://wellnessmama.com/2500/homemade-remineralizing-toothpaste-recipe/>.