NERSONS

In addition to throwing off the body's homeostasis, excess sugar may result in a number of other significant consequences. The following is a listing of some of sugar's metabolic consequences from a variety of medical journals and other scientific publications. The following data is from the book, *Lick the Sugar Habit*, by Nancy Appleton.

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- 1 Sugar can suppress the immune system
- 2 Sugar upsets the mineral relationships in the body
- 3 Sugar can cause hyperactivity, anxiety, difficulty concentrating, and crankiness in children
- 4 Sugar can produce a significant rise in triglycerides
- 5 Sugar contributes to the reduction of defense against bacterial infection (infectious diseases)
- 6 Sugar causes a loss of tissue elasticity and function; the more sugar you eat the more elasticity and function you loose
- 7 Sugar reduces high density lipoproteins
- 8 Sugar leads to chromium deficiency
- 9 Sugar leads to cancer of the breast, ovaries, prostrate, and rectum
- 10 Sugar can increase fasting levels of glucose
- 11 Sugar causes copper deficiency
- 12 Sugar interferes with absorption of calcium and magnesium
- 13 Sugar can weaken eyesight
- 14 Sugar raises the level of a neurotransmitters: dopamine, serotonin, and norepinephrine
- 15 Sugar can cause hypoglycemia
- 16 Sugar can produce an acidic digestive tract
- 17 Sugar can cause a rapid rise of adrenaline levels in children
- 18 Sugar malabsorption is frequent in patients with functional bowel disease
- 19 Sugar can cause premature aging
- 20 Sugar can lead to alcoholism
- 21 Sugar can cause tooth decay
- 22 Sugar contributes to obesity
- 23 High intake of sugar increases the risk of Crohn's disease and ulcerative colitis
- 24 Sugar can cause changes frequently found in a person with gastric or duodenal ulcers
- 25 Sugar can cause arthritis
- 26 Sugar can cause asthma
- 27 Sugar greatly assists the uncontrolled growth of Candida Albicans (yeast infections)
- 28 Sugar can cause gallstones
- 29 Sugar can cause heart disease
- 30 Sugar can cause appendicitis
- 31 Sugar can cause multiple sclerosis
- 32 Sugar can cause hemorrhoids
- 33 Sugar can cause varicose veins
- 34 Sugar can elevate glucose and insulin responses in oral contraceptive users

- SUGAR IS MARMFUL
 - 35 Sugar can lead to periodontal disease
 - 36 Sugar can contribute to osteoporosis
 - 37 Sugar contributes to saliva acidity
 - 38 Sugar can cause a decrease in insulin sensitivity
 - 39 Sugar can lower the amount of vitamin E in the blood
 - 40 Sugar can decrease growth hormone
 - 41 Sugar can increase cholesterol
 - 42 Sugar can increase the systolic blood pressure
 - 43 Sugar can cause drowsiness and decreased activity in children
 - 44 High sugar intake increases advanced glycation end products (AGEs)(Sugar bound non-enzymatically to protein)
 - 45 Sugar can interfere with the absorption of protein
 - 46 Sugar causes food allergies
 - 47 Sugar can contribute to diabetes
 - 48 Sugar can cause toxemia during pregnancy
 - 49 Sugar can contribute to eczema in children
 - 50 Sugar can cause cardiovascular disease
 - 51 Sugar can impair the structure of DNA
 - 52 Sugar can change the structure of protein
 - 53 Sugar can make our skin age by changing the structure of collagen
 - 54 Sugar can cause cataracts
 - 55 Sugar can cause emphysema
 - 56 Sugar can cause atherosclerosis
 - 57 Sugar can promote an elevation of low density lipoproteins (LDL)
 - 58 High sugar intake can impair the physiological homeostasis of many systems in the body
 - 59 Sugar lowers the enzymes' ability to function
 - 60 Sugar intake is higher in people with Parkinson's disease
 - 61 Sugar can cause a permanent altering of the way the proteins act in the body
 - 62 Sugar can increase the size of the liver, by making the liver cells divide
 - 63 Sugar can increase the amount of liver fat
 - 64 Sugar can increase kidney size and produce pathological changes in the kidney
 - 65 Sugar can damage the pancreas
 - 66 Sugar can increase the body's fluid retention
 - 67 Sugar is enemy #1 of the bowel movement
 - 68 Sugar can cause myopia (nearsightedness)
 - 69 Sugar can compromise the lining of the capillaries
 - 70 Sugar can make the tendons more brittle
 - 71 Sugar can cause headaches, including migraine
 - 72 Sugar plays a role in pancreatic cancer in women
 - 73 Sugar can adversely affect school children's grades and cause learning disorders
 - 74 Sugar can cause an increase in delta, alpha, and theta brain waves
 - 75 Sugar can cause depression
 - 76 Sugar increases the risk of gastric cancer
 - 77 Sugar can cause dyspepsia (indigestion)
 - 78 Sugar can increase your risk of getting gout

- 79 Sugar can increase the levels of glucose in an oral glucose tolerance test over the ingestion of complex carbohydrates
- 80 Sugar can increase the insulin responses in humans consuming high-sugar diets compared to low-sugar diets
- 81 Highly refined sugar diet reduces learning capacity
- 82 Sugar can cause less effective functioning of two blood proteins, albumin, and lipoproteins, which may reduce the body's ability to handle fat and cholesterol
- 83 Sugar can contribute to Alzheimer's disease
- 84 Sugar can cause platelet adhesiveness
- 85 Sugar can cause hormonal imbalance; some hormones become underactive and others become overactive
- 86 Sugar can lead to the formation of kidney stones
- 87 Sugar can lead the hypothalamus to become highly sensitive to a large variety of stimuli
- 89 Sugar can lead to dizziness
- 90 Diets high in sugar can cause free radicals and oxidative stress
- 91 High sucrose diets of subjects with peripheral vascular disease significantly increases platelet adhesion
- 92 High sugar diet can lead to biliary tract cancer
- 93 Sugar feeds cancer
- 94 High sugar consumption of pregnant adolescents is associated with a twofold increased risk for delivering a small-for-gestational-age (SGA) infant
- 95 High sugar consumption can lead to substantial decrease in gestation duration among adolescents
- 96 Sugar slows food's travel time through the gastrointestinal tract
- 97 Sugar increases the concentration of bile acids in stools and bacterial enzymes in the colon
- 98 Sugar increases estradiol (the most potent form of naturally occurring estrogen) in men
- 99 Sugar combines and destroys phosphatase, an enzyme, which makes the process of digestion more difficult
- 100 Sugar can be a risk factor of gallbladder cancer
- 101 Sugar is an addictive substance
- 102 Sugar can be intoxicating, similar to alcohol
- 103 Sugar can exacerbate PMS
- 104 Sugar given to premature babies can affect the amount of carbon dioxide they produce
- 105 Increase in sugar intake can increase emotional instability
- 106 The body changes sugar into 2 to 5 times more fat in the bloodstream than it does starch
- 107 The rapid absorption of sugar promotes excessive food intake in obese subjects
- 108 Sugar can worsen the symptoms of children with attention deficit hyperactivity disorder (ADHD)
- 109 Sugar adversely affects urinary electrolyte composition
- 110 Sugar can slow down the ability of the adrenal glands to function
- 111 Sugar has the potential of inducing abnormal metabolic processes in a normal healthy individual

and to promote chronic degenerative diseases

- 112 I.Vs (intravenous feedings) of sugar water can cut off oxygen to the brain
- 113 High sucrose intake could be an important risk factor in lung cancer
- $114\ Sugar$ increases the risk of polio
- 115 High sugar intake can cause epileptic seizures
- 116 Sugar causes high blood pressure in obese people
- 117 In Intensive Care Units: Limiting sugar saves lives
- 118 Sugar may induce cell death
- 119 Sugar may impair the physiological homeostasis of many systems in living organisms
- 120 In juvenile rehabilitation camps, when children were put on a low sugar diet, there was a 44% drop in antisocial behavior
- 121 Sugar can cause gastric cancer
- 122 Sugar dehydrates newborns
- 123 Sugar can cause gum disease
- 124 Sugar increases the estradiol in young men
- 125 Sugar can cause low birth weight babies

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