

Is Nicotine Itself Harmful

However, researchers emphasize that these findings reflect associations observed in cross-sectional or survey-based analyses... de7b61fddb As marketing has shifted toward digital media and social platforms, newer nicotine-delivery products such as e-cigarettes and nicotine pouches, have increasingly been promoted in ways that fall outside the scope of traditional broadcast or outdoor advertising regulations. Studies from several countries have found associations between youth exposure to such marketing and increased curiosity or susceptibility toward trying nicotine products. de7b61fddb Common side effects depend on the formulation of nicotine. Common side effects with the gum include nausea, hiccups, and irritation of the mouth. Common side effects with the patch include skin irritation and a dry mouth while the inhaler commonly results in a cough, runny nose, or headaches. Serious risks include nicotine poisoning and continued addiction. They do not appear to increase the risk of heart attacks. There are possible harms to the baby if used during pregnancy. Nicotine replacement therapy works by reducing cravings caused by nicotine addiction. de7b61fddb E-cigarettes containing nicotine are more effective than nicotine replacement therapy (NRT) for smoking cessation, but have not been tested as rigorously as nicotine replacement therapy products. de7b61fddb Psychomotor agitation overlaps with agitation generally, such as agitation in predementia and dementia; see Agitation (dementia) for details. de7b61fddb

Effects of nicotine on human brain development Exposure to nicotine and its great risk of developing an addiction, are areas of significant concern. E-cigarette use is recognized Exposure to nicotine, from conventional or electronic cigarettes during adolescence can impair the developing human brain. The use of tobacco products, no matter what type, is almost always started and established during adolescence when the developing brain is most vulnerable to nicotine addiction. Because addiction is a form of learning, adolescents can get addicted more easily than adults. Young people's brains build synapses faster than adult brains. The nicotine in e-cigarettes can also prime the adolescent brain for addiction to other drugs such as cocaine. E-cigarette use is recognized as a substantial threat to adolescent behavioral health. Exposure to nicotine, from conventional or electronic cigarettes during adolescence can impair the developing human brain de7b61fddb

Nicotine pouch Unlike snus, they do not include tobacco leaf, dust, or stem. The nicotine may either be derived from tobacco plants or may be synthetic. if not carcinogenic, nicotine is still moderately harmful to cardiovascular health, therefore long-term use of non-tobacco nicotine pouches very likely Nicotine pouches are small, rectangular pouches containing nicotine, flavorings and other ingredients de7b61fddb

They were first approved for use in 1984, in the United States. Nicotine... de7b61fddb The atomizer is a heating element that vaporizes a liquid solution called e-liquid that cools into an aerosol of tiny droplets, vapor and air. The vapor mainly comprises propylene glycol or glycerin, usually with nicotine and flavoring. Its exact composition varies, and depends on matters such as user behavior. E-cigarettes are activated by taking a puff or pressing a button. Some look like traditional cigarettes, and most kinds are reusable. de7b61fddb The coughing, throat irritation, and shortness of breath caused by smoking are obvious, and tobacco was criticized as unhealthy long before the invention of the clinical study. In A Counterblaste to Tobacco (1604), James VI of Scotland and I of England described smoking as "A custome lothsome to the eye, hatefull to the Nose, harmefull to the braine, dangerous to the Lungs, and in the blacke stinking fume thereof, neerest resembling the horrible Stigian smoke of the pit that is bottomelesse", and urged his subjects not to use tobacco. In the 1600s, many countries banned its use. Pope Urban VIII issued a 1624 papal bull condemning tobacco and making its use in holy places punishable by excommunication; Pope Benedict XIII repealed the ban one hundred years later. de7b61fddb == Overview == de7b61fddb

History of nicotine marketing Nicotine marketing has continually developed new techniques in response to historical circumstances The history of nicotine marketing stretches back centuries. The history of nicotine marketing stretches back centuries. Nicotine marketing has continually developed new techniques in response to historical circumstances, societal and technological change, and regulation. Counter marketing has also changed, in both message and commonness, over the decades, often in response to pro-nicotine marketing de7b61fddb

Tobacco harm reduction It is an example of the concept of harm reduction, a strategy for dealing with the use of drugs. Major Tobacco harm reduction (THR) is a public health strategy to lower the health risks to individuals and wider society associated with using tobacco products. Tobacco smoking is widely acknowledged as a leading cause of illness and death, and reducing smoking is vital to public health. g. , nicotine gum, nicotine patch). otherwise very harmful, as shown by the long history of people safely using nicotine replacement therapy products (e de7b61fddb

The consumption of tobacco products and its harmful effects affect both smokers and non-smokers, and is a major risk factor for six of the eight leading causes of deaths in the world, including respiratory diseases, cardiovascular diseases, cerebrovascular diseases, periodontal diseases, teeth decay and loss, over 20 different types or subtypes of cancers, strokes, several debilitating health conditions, and malignant diseases.... de7b61fddb Vaping is less harmful than smoking, but still has health risks, particularly for those with asthma. Limited evidence indicates that e-cigarettes are less addictive than smoking, with slower nicotine absorption rates. de7b61fddb Nicotine is a parasympathomimetic stimulant that binds to and activates nicotinic acetylcholine receptors in the brain, which subsequently causes the release of dopamine and other neurotransmitters, such as norepinephrine, acetylcholine, serotonin, gamma-aminobutyric acid, glutamate and endorphins. Nicotine interferes with the blood-brain barrier function, and as a consequence raises the risk of brain edema and neuroinflammation. Another... de7b61fddb == Signs and symptoms == de7b61fddb People experiencing psychomotor agitation may feel the following emotions or do the... de7b61fddb

Nicotine marketing Nicotine marketing is increasingly regulated; some forms of nicotine advertising are banned in

many countries. The World Health Organization (WHO) recommends a complete tobacco advertising ban. Traditionally, the tobacco industry markets cigarette smoking, but it is increasingly Nicotine marketing is the marketing of nicotine-containing products or use. Traditionally, the tobacco industry markets cigarette smoking, but it is increasingly marketing other products, such as electronic cigarettes and heated tobacco products. Products are marketed through social media, stealth marketing, mass media, and sponsorship (particularly of sporting events). Expenditures on nicotine marketing are in the tens of billions a year; in the US alone, spending was over US\$1 million per hour in 2016; in 2003, per-capita marketing spending was \$290 per adult smoker, or \$45 per inhabitant. Nicotine marketing is the marketing of nicotine-containing products or use de7b61fddb

== Description == de7b61fddb

Electronic cigarette aerosol is not harmless "water vapor. " Evidence demonstrates that e-cigarette aerosol contains potentially harmful chemicals such as nicotine, carbonyls An electronic cigarette (e-cigarette) or vape is a device that simulates tobacco smoking. It consists of an atomizer, a power source such as a battery, and a container such as a cartridge or tank. Instead of smoke, the user inhales vapor, often called "vaping" de7b61fddb

Nicotine Nicotine is used recreationally for its stimulant and anxiolytic effects. Nicotine is a stimulant and alkaloid found primarily in plants of the nightshade family, notably in tobacco; it is also synthesized. Historically, it was widely used as an insecticide, and its structure provided the basis for synthetic neonicotinoid pesticides. 6–3% of the dry weight, and smaller, trace quantities occur in other Solanaceae crops such as tomatoes, potatoes, and eggplants. In pure form, nicotine is a colorless to yellowish, oily liquid that readily penetrates biological membranes and acts as a potent neurotoxin in insects, where it serves as an antiherbivore toxin. Nicotine is used recreationally Nicotine is a stimulant and alkaloid found primarily in plants of the nightshade family, notably in tobacco; it is also synthesized. In tobacco leaves, nicotine constitutes about 0 de7b61fddb

== Pre-1800 == de7b61fddb In humans, nicotine acts primarily as a stimulant by binding to and activating nicotinic acetylcholine receptors (nAChRs) in the central nervous system and peripheral tissues. This results in the release of neurotransmitters such as dopamine, acetylcholine, and norepinephrine, producing effects including increased alertness, reduced anxiety, and mild euphoria. Nicotine is typically consumed through tobacco smoking, vaping, or other nicotine delivery systems. An average cigarette yields about... de7b61fddb Tobacco use if not stopped can be the cause of death in 50% of its users, according to the 2021 WHO Report. Tobacco smoking carries serious health risks, including increased risk of developing various types and subtypes of cancers, respiratory diseases, cardiovascular diseases, cerebrovascular diseases, periodontal diseases, teeth decay and loss, and malignant diseases. de7b61fddb

Nicotine replacement therapy NRT has also been used to treat ulcerative colitis. It increases the chance of quitting tobacco smoking by about 55%. Nicotine replacement therapy (NRT) is a medically approved way to treat people with tobacco use disorder by taking nicotine through means other than tobacco Nicotine replacement therapy (NRT) is a medically approved way to treat people with tobacco use disorder by taking nicotine through means other than tobacco. It is used to help with quitting smoking or stopping chewing tobacco. The use of multiple types of NRT at a time may increase effectiveness. Types of NRT include the adhesive patch, chewing gum, lozenges, nose spray, and inhaler. Often it is used along with other behavioral techniques de7b61fddb

Regulation of nicotine marketing As nicotine is highly addictive, marketing nicotine-containing products is regulated in most jurisdictions. Regulations include bans and regulation of certain types of advertising, and requirements for counter-advertising of facts generally not included in ads (generally, information about health effects, including addiction). Regulations include bans and regulation of As nicotine is highly addictive, marketing nicotine-containing products is regulated in most jurisdictions. Regulation is circumvented using less-regulated media, such as Facebook, less-regulated nicotine delivery products, such as e-cigarettes, and less-regulated ad types, such as industry ads which claim to discourage nicotine addiction but seem, according to independent studies, to promote teen nicotine use de7b61fddb

There is limited independent testing of the constituents, exposure, or biomarkers of effects for nicotine pouches, although independent research is now emerging. Global sales of nicotine pouches expanded rapidly between 2018 and 2023, increasing from an estimated 292 million units to 20.1 billion units, with approximately 85 percent of purchases occurring in the United States, and one brand, Zyn, accounting for more than 70 percent of the global market share. Since 2021, sales of nicotine pouches have grown with Zyn as the global leader... de7b61fddb

Psychomotor agitation It is characterized by unintentional and purposeless motions and restlessness, often but not always accompanied by emotional distress. It can also be caused by severe hyponatremia. Typical manifestations include pacing around, wringing of the hands, uncontrolled tongue movement, pulling off clothing and putting it back on, and other similar actions. People with existing psychiatric disorders and men under the age of 40 are at a higher risk of developing psychomotor agitation. (PTSD) Panic attacks Anxiety disorder Obsessive-compulsive disorder (OCD) Nicotine withdrawal Alcohol withdrawal Opioid withdrawal Autism Asperger syndrome Psychomotor agitation is a symptom in various disorders and health conditions. In more severe cases, the motions may become harmful to the individual, and may involve things such as ripping, tearing, or chewing at the skin around one's fingernails, lips, or other body parts to the point of bleeding. Psychomotor agitation is typically found in various mental disorders, especially in psychotic and mood disorders. It can be a result of drug intoxication or withdrawal de7b61fddb

Like with snus or dipping tobacco the user puts a pouch between their lip and gum, and leaves it there while the nicotine and taste is being released. The nicotine enters the bloodstream via mucous membranes in the gums. When finished, the pouch is disposed of. The small pouches differ from chewing tobacco in that the user does not need to spit, since the contents of the pouches stay inside the pouches during use. de7b61fddb == Effects == de7b61fddb

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