

This document contains information about quinine as a treatment for malaria and other illness as well as links and information about the globalist endgame and the globalist plans for pandemic to be used as a means of depopulating the planet. The globalist new world order cabal plans to kill off the vast majority of human life on planet earth. They plan to create a global government and a digital identification and currency. This global government will be similar to Nazi Germany or the Soviet Union for people that live under it's iron rule. The Bible warned about this and Patriots have been warning about it for decades. This document contains information about quinine. Quinine is a broad spectrum anti viral medicine. It is most commonly used to treat malaria, but has been used successfully to treat many other illnesses as well. As Patriots we should hope for the best and prepare for the worst. If we can't stop the globalist agenda before they release the final bio weapons for depopulation, I believe it will happen in waves of multiple bio weapon pandemics, we had better be prepared to treat ourselves and our families with anti viral medicine like quinine as well as natural remedies. I recommend quinine to all Patriots. Quinine is basically a broad spectrum anti viral medicine. I recommend you to use quinine in conjunction with other anti viral medicine and vitamins and supplements. Of course you should be filtering your water and air and trying to exercise and eat healthier too. These things will help increase your chances of survival as things get worse. God bless you and your family. God bless all Patriots. God bless our efforts to prepare and to oppose the new world order. No king but Christ.

We're living in some exciting yet scary times now. An unknown and uncertain future awaits us as today's events and developments unravel revealing a myriad of warning signs spelling doom and gloom of apocalyptic End Days as many Christians believe we've already entered. Millions of people are living with the daily anxiety of these forewarnings that the end of the world and life as we've always known it is about to radically change forever not for the better.

Undoubtedly the level of both intensity and instability in recent months has been steadily rising around the world. The global economy is choking to a standstill that may be [teetering on collapse](#). The days are numbered for the US dollar remaining the standard international currency. Other than for the war mongering profiteers in charge, any prospect of prosperity reemerging in nations throughout the West has long been dead and gone, and now [interest rates and bond rates are even going negative](#). Even the world's emerging number one economic power [China's economy is slowing](#) down and beginning to falter. Behind the scenes a [global power shift](#) has been underway for some time moving with momentum from West to East. But as this transition unfolds, the world appears to be bracing for major dire changes bringing upheaval and turmoil erupting planet-wide

The globalized central banking system as the Western Ponzi scheme that's reigned supreme for centuries on earth burying and enslaving the world's population in insurmountable debt is on the verge of

collapse. The Western oligarchs' answer of simply printing more worthless fiat money out of thin air as their go-to band-aid strategy to delay the inevitable crash, desperately trying to keep the doomed, corrosively broken system afloat, is on its deathbed with its life support plug about to be shut off by creditors like China.

This crumbling, predatory system of empiric imperialism is run by an elitist sub-species of evil psychopaths who for centuries were pathologically born devoid of any human heart, thereby never suffering even a tinge of guilty conscience for murdering in cold blood millions and billions of innocent humans over the millennium. Though braindead now, it has not stopped them from preparing for this fateful moment in time. They've utilized advancing technology to their full advantage in their broken corrupt system to squeeze what's left of the global masses' lifeblood in order to wield absolute power and authority in today's manifesting New World Order.

For more than a century these globalists have been promoting their NWO eugenics plan for a sustainable earth population of about [a half billion people](#). The [UN Agenda 21](#) spells it all out in graphic detail.

Elite's Utopia

The elite's utopia is not the Star Trek federation ideal but rather a complete controlled and dominated society consisting of the elite and their slaves.

Population Reduction to less than 1 Billion people

The elite firmly believe the earth is overpopulated and the population must by any and all means (war, starvation and pandemics included) be reduced to less than 1 billion people.

Post Industrial Feudalism

The elite believe that the current level of resource consumption is unsustainable in the long run and consequently the world must enter a post industrial society once again based on a form of scientific feudalism.

Implantable Microchips

As sociopathic control freaks, the elite want to create a completely controlled society of slaves that are implanted with microchips so they can track every move of the population and ultimately control every

thought a person has. As an interim step, all products we purchase will include an RFID chip that can track and trace the location of all we own. Also, cash will be eliminated as a medium of exchange and replaced with cashless credit and all those who refuse to comply with the elite's dictates will simply have their cards turned off. Ultimately, those that are implanted will be able to be downloaded with new information/skills and reprogrammed for new tasks as the need requires and individual free thought will be impossible.

Purpose Made Humans

As their knowledge of genetic engineering advances, the intent is to create a slave class of purpose made humans to serve the elite. As part of the new society they seek to create, the elite seek to control reproduction in a scientific manner. Ultimately, they seek to control/restrict reproduction scientifically and create hermaphroditic slaves/beings who will be granted permission to reproduce and only be given that permission if they have proven their worth to the state.

Immortality

The elite are obsessed with death and the possibility of escaping it through science to achieve immortality. The tremendous amounts of money being poured into research in genetics and life extension reflects this. Of course, only those with tremendous wealth will be granted access to the technology necessary to live forever.

Transhumanism

As the elite seek immortality, they foresee a possible future in which they merge with machines and the resulting "species" lives immortal lives and replaces all humans as we know them today.

End of the Age - New Age

As we leave the age of Pisces and enter the age of Aquarius, the elite plan to create a completely new and different society in which only those with a purpose to serve the world state will be born.

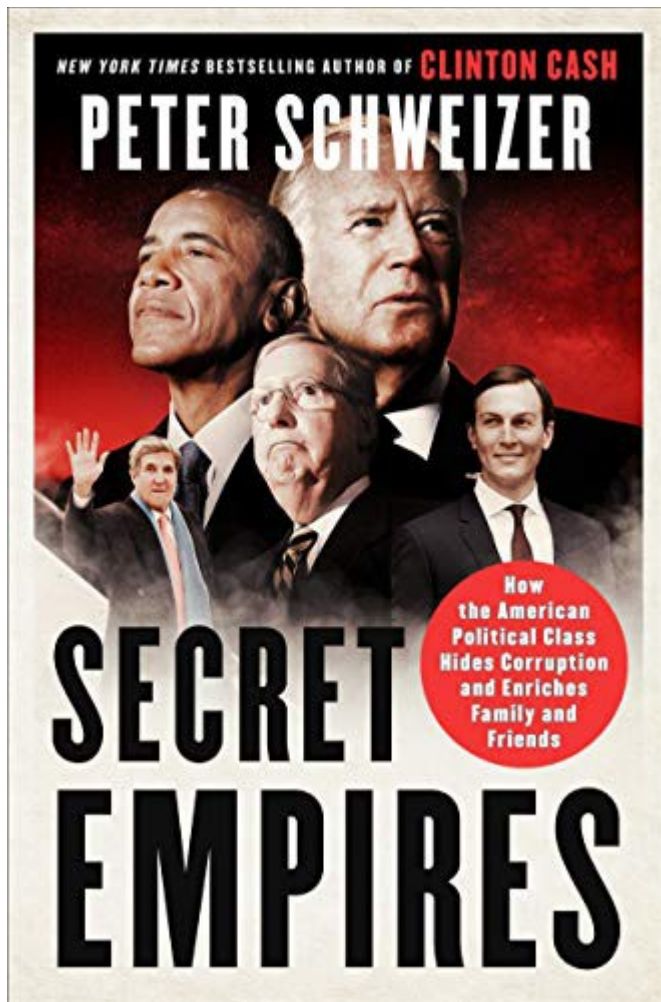
<http://www.globalistagenda.org/endgame.htm>

I don't necessarily agree with every single statement made on each and every website that I link to, but in general, the information provided here, as well as the links, are accurate. Part of having a free society is being able to openly disagree with other people. In general the information provided is quite accurate and the scientific information provided here and in the links should be accurate as well. Do your own research and due diligence. I promote quinine for Patriots to use in conjunction with other anti viral treatments to protect themselves against the current and coming pandemics. I cannot guarantee anyone's safety by your using the treatments recommend here or in the links, but being as healthy and prepared as possible will increase your chances of survival. Nobody really knows what type of disease will be the global killer that the elitists have planned. Just be as prepared as you possibly can. God bless you. God save America.

Eugenics and population control are long time hobbies of the financial elites. In the early 1900's, the Rockefeller Foundation and the Carnegie Institute were deeply involved in [promoting Eugenics laws in the US](#). These laws led to the forced sterilization of over 60,000 American citizens in states like California and thousands of rejected marriage licenses. The Eugenics programs in the US were only a beta test though, as the Rockefellers then transferred their programs over to Germany under Hitler and the Third Reich in the 1930's, where a true widespread eugenics-based population control program was introduced.

The targets of population reduction were based on ethnic background, but also "mental intelligence" and economic status. The Carnegie Institute even established a ["Eugenics Records Office" called Cold Springs Harbor Laboratory in 1904](#), which collected genetic data on millions of Americans and their families with the intent of controlling their numbers and erasing certain traits from the US population. The Cold Springs Harbor Laboratory [still exists today](#) and presents itself as a kind of philanthropic endeavor to help humanity.

Public knowledge of the globalists and their population control agenda was carefully swept under the rug in the US after the exposure of Nazi programs post-WWII. The word "eugenics" became a very ugly one and all the effort the elites put into promoting it as a legitimate science was ruined. However, they were not going to give up on their precious ideology.



[Secret Empires: How th...](#) Schweizer, Peter

Best Price: \$5.99 Buy New \$11.07 (as of 07:25 EST - Details)



In the late 1960's into the 1970's there was a resurgence of population control rhetoric coming out of globalist circles. Under the supervision of the UN and some related scientific groups, the Club Of Rome was formed. A prominent part of the Club of Rome's agenda was population reduction. In 1972 the group of "scientists" under the UN's direction [published a paper called 'The Limits Of Growth'](#), which called for greatly reduced human population in the name of "saving the environment". This effort was directly linked to another agenda – the institution of a global government that could handle and enforce population controls on a wide scale.

<https://www.lewrockwell.com/2019/11/brandon-smith/the-globalists-are-openly-admitting-to-their-population-control-agenda-and-thats-a-bad-sign/>

<http://www.surviveunagenda21depopulation.com/>

One of the main ways that the globalists plan to depopulate the earth is by using biological weapons that will, and have been, released or allowed to escape from laboratories. The government response will be and has been historically, too slow to be truly effective before mass human loss of life occurs. Then, governments generally over react, too late to preserve human life, and the government crackdowns destroy our civil rights and are generally very draconian and abusive. This type of scenario also enables the government to promote ideas of globalism and centralization of power as solutions to the problem. This all furthers the globalists agenda to move us towards a Nazi style global dictatorship run by the United Nations or a similar international governing body. The Bible warned about this in the book of revelation. The globalists also want to reduce the human population down to a more manageable number so that we can't effectively resist them. Then the global elitists can do whatever they want. These elitists are sociopathic. They want you and your family to die.

For decades they've been busily deploying both slower, "soft kill" methods as well as their faster, "hard kill" methods to drastically reduce the world population. The hard kill scenario manifests through war and both manmade induced natural disasters as well as naturally occurring natural disasters with a recent noticeable crescendo of activity of all these cataclysmic events.

We as Patriots have to prepare for the coming pandemics. It has already begun. Really, you should have already been prepped by now, but if you aren't, better late than never. It's really too late to prepare for covid-19, but you can still prepare for the more deadly pandemics that are coming.

<https://www.globalresearch.ca/the-globalists-new-world-order-soft-and-hard-kill-methods-an-unknown-and-uncertain-future/5451356>

Agenda 21 – and the recent ones Agenda 2030 and Agenda 2050 – is a plan to depopulate 95% of the world population by 2030, according to [Disclose.tv](https://disclose.tv/).

It is an action plan devised by the U.N. and signed by 178 governments at the [UN Conference on Environment and Development](#) held in Rio de Janeiro, Brazil, in 1992. Its goal is the depopulation of humanity because "we are too many". It is promoted by the elites as a way to "save the planet" and implemented by governments worldwide. Bill Gates even shared his view about how to achieve this goal by vaccinations and other means in a TedX lecture:

"The world today has 6.8 billion people. That's heading up to about nine billion. Now if we do a really great job on new vaccines, health care & reproductive health services, we could lower that by perhaps 10 or 15 percent."

<https://massawakening.org/how-does-agenda-21-is-being-implemented-worldwide/>

The Globalist Agenda represents a plan to bring all of Earth's inhabitants under the control of a single, global state. There is a small, but powerful group of individuals who are the architects and instigators

behind the formation and implementation of this "New World Order". Using their influence through international organizations such as the IMF, World Bank, the Royal Institute of International Affairs (RIIA), the Council on Foreign Relations (CFR), the Trilateral Commission, the Bilderberg Group, the United Nations, NATO, and hundreds of other non-governmental organizations, the objective of these internationalists is nothing less than the subjugation of everyone on the planet as servants to a one world government (servants means slaves).

<http://www.globalistagenda.org/>

This is a linkS to Shawn hannity videos attesting to the effectiveness of quinine against the Chinese corona virus

<https://m.youtube.com/watch?v=blgvvqAj7Ac>

<https://www.msn.com/en-us/health/medical/dr-oz-on-benefits-and-risks-of-using-hydroxychloroquine-off-label-to-treat-coronavirus/vi-BB11Fezp>

The link below is to the actual Shawn hannity interview with the doctor zelenko who came up with a quinine treatment for the Chinese corona virus

<https://m.youtube.com/watch?v=blgvvqAj7Ac>

This is a link to information on one of the many ways in which quinine has been repurposed to treat diseases other than malaria

<https://pubmed.ncbi.nlm.nih.gov/30055216/>

Cardiac surgeon [Dr. Mehmet Oz](#) appeared "[Hannity](#)" Tuesday where he once again highlighted hydroxychloroquine to treat against the [coronavirus](#) saying he spoke to the lead doctor in France whose study showed benefits of the drug.

"I had the opportunity to interview Dr. Raoult. I was very impressed by him. And I told the vice president today that what he told me at the end of the interview stunned me," Oz said. "He said that he thought it was unethical to withhold this treatment based on what he knew. Again, this is not a fly by night fella, he's very well respected."

THERE'S DRUG COMBO TO SHORTEN CORONAVIRUS, FRENCH RESEARCHERS SAY

The study from doctors in Marseille, France, including lead author Didier Raoult, treated 26 patients with hydroxychloroquine, and six patients were given both that and a drug called azithromycin. The authors reported dramatic recoveries.

<https://www.foxnews.com/media/dr-oz-on-hydroxychloroquine-the-u-s-government-respects-that-reality>

On Tuesday morning, the controversial and experimental coronavirus treatment program being run by a Hasidic doctor who claimed he had kept more than 500 symptomatic patients out of the hospital was shut down. By afternoon, after intervention from the White House, it was up and running again.

The doctor, Vladimir Zelenko, has been in isolation because he is immunocompromised. But he is directing perhaps the world's most extensive, unsanctioned medical experiment related to coronavirus — the use of the anti-malaria drug hydroxychloroquine to treat Covid-19, a something President Donald Trump has been touting for days as a "game changer" in the fight against the virus.

The experiment is controversial: Trump's top medical adviser, Dr. Anthony Fauci, has cautioned against use of the drug to treat the virus, calling evidence of its effectiveness "anecdotal." On Monday evening, New York banned off-label use of the drug, which is also used to treat lupus and rheumatoid arthritis, outside state-approved clinical trials.

Zelenko has been directing his medical staff from quarantine in his home in Englewood, N.J., because he had his right lung removed last year during treatment for lung cancer. He said he is taking a low dose of hydroxychloroquine himself, prophylactically.

Zelenko said that he has been using a cocktail of drugs on his patients: hydroxychloroquine, in combination with azithromycin — an antibiotic to treat secondary infections — and zinc sulfate,

which [studies have suggested](#) slows down virus replication in the body. He said he had been administering the cocktail to patients with shortness of breath of any age, and those over 60 years old or who are immunocompromised and exhibiting milder symptoms. He said he is not treating asymptomatic people under 60 who are healthy or low risk.

He acknowledged that his regimen was new and untested, and that it was too soon to assess its long-term effectiveness. But he said he thinks the rewards of implementing his treatment method are much greater than the risks of waiting to verify its efficacy, and he insisted that he is seeing only positive results from using hydroxychloroquine, in combination with two other drugs, on an outpatient basis for patients at higher risk of dying from the virus.

But on Tuesday afternoon Vice President Mike Pence [announced on Fox News](#) that the Food and Drug Administration was approving off-label use of the drug “right now.”

“Doctors can now prescribe chloroquine for that off-label purpose of dealing with the symptoms of coronavirus,” Pence said.

—

As a public service during this pandemic, the Forward is providing [free, unlimited access](#) to all coronavirus articles. If you’d like to support our independent Jewish journalism, [click here](#).

Zelenko, 46, a Russian immigrant who [became Hasidic as a young adult](#), and runs a medical practice in Orange County, N.Y., has been doing that for more than a week. His self-reported success — no deaths among any of his clients, who are almost all Hasidic Jews — has given him an audience on Fox News and across conservative news sites, as supporters of the president look to bolster Trump’s attempts to curtail coronavirus — and the economic repercussions — as soon as possible.

Though he has been operating in uncharted medical territory, backed up by only a small number of studies, Zelenko has attracted interest from other doctors looking for ways to stem the growing wave of Covid-19 hospitalizations.

“I’m not claiming any miracle cures,” Zelenko said in a telephone interview Tuesday morning. “I’m creative, and I think out of the box. We have an unprecedented health crisis — it requires unique thinking.”

Zelenko has been urging people in the ultra-Orthodox world to stay calm, even as he has sounded the alarm about potentially high rates of infection in Hasidic villages and neighborhoods. In a video message [shared on WhatsApp](#), he said that the majority of people infected with the virus will require no treatment.

“You gotta relax,” he said, speaking from the driver’s seat of his car. “There is no room for young people to get nervous or cause hysteria, you will all be fine.”

Of course, the good doctor is correct. Most people will be fine. The covid-19 Chinese corona virus is not the globalist endgame pandemic. Most people will be fine. But things will continue to get worse as more pandemic are released. BTW, I don’t accuse our Jewish friends of being the New world order. The globalists are not a Jewish group. For that matter, I don’t accuse the Catholic Church of being the new world order either. There are mafias in every group, including all ethnicities and religions, but the new world order are not an ethnic group, and no one religion is to blame either. The cabal are mostly not Jewish. The globalists are not United by ethnicity or religion. At the highest levels of the conspiracy the globalists are devil worshippers, but throughout the rest of their power structure pyramid they’re not generally United around racial or religious lines except for their generalized hatred of us Christians. That said, God generally uses Christians and Jews for his purposes to bless humanity, and this Jewish doctor has clearly blessed us all with his efforts, as most Jews and Christians do. God bless America.

<https://forward.com/news/national/442285/coronavirus-hydroxychloroquine-trump-doctor/>

Pence: FDA approving 'off-label' use for hydroxychloroquine to help coronavirus patients

<http://video.foxnews.com/v/6144388404001>

Vice President [Mike Pence](#) said Tuesday that “the FDA [Food and Drug Administration] is approving off-label use for the [anti-malarial drug] hydroxychloroquine right now” to help [coronavirus](#) patients.

Pence made the comment during Fox News’ virtual coronavirus town hall in response to a question from [Dr. Mehmet Oz](#) about the drug, which has shown encouraging signs in small, early tests. A similar drug, Chloroquine has also showed positive signs.


<https://www.foxnews.com/media/pence-fda-hydroxychloroquine-off-label-coronavirus>

In an age of electronic wonder where news and events are seen instantly all across the globe, it is no surprise that the world seems to be developing into one large interconnected community. A New World Order is being created from technology that would have seemed magical to people of previous generations. Today, a person can become intimately familiar with the lives and concerns of others who may live halfway around the world simply by surfing the Internet on a computer or smart phone, getting the latest feeds from Facebook or Twitter, viewing videos on YouTube or a news site, or by watching satellite or cable TV. In every corner of the globe and even in the poorest of countries, the majority of all people now living have a digital phone to text or talk to anyone else in any part of the world at a moment's notice or to record or view events nearly in real time. The company Cisco has estimated that in 97 countries the number of mobile devices actually exceeds the total population of people in those countries, and on a global scale nearly 80 percent of all people now have access to a mobile phone (Taylor, 2012). Due to this technology revolution, events in any region can be instantly uploaded onto the internet for everyone to see. Even in societies that are tightly controlled, it is difficult to suppress the avalanche of

digital information. The revolutions occurring in the Middle East are a prime example. As the governments of Egypt and Libya fell in 2011-2012 (and Syria is in the midst of falling as this article is being written), at times the only images and video coming from these countries originated from individuals recording events on their cell phones and uploading them to video services for everyone to watch.

To people who are accustomed to such technology, these capabilities may now be taken for granted and exist almost as a routine part of life, but just think for a moment how unique our generation has become solely because of our ability to quickly spread information. Thirty years ago, people would have had difficulty imagining the way this new technology would change our world, especially when it comes to the Internet and digital communications. Couple the rise of this information society with the corresponding revolution in transportation and we end up with a world that is at least figuratively becoming smaller and closer. The prophet Daniel wrote of this time of technological wonder and predicted that at the time of the end...

“many shall run to and fro, and knowledge shall be increased”.

[Dan. 12:4](#) 

The consequences of this simple prophecy that predicted an increase in travel and scientific knowledge at the end of the age should not be underestimated. Not since the day the people of the world were scattered and divided at the Tower of Babel has there been greater potential for the nations to break down regional barriers and become united. Geographic and cultural divisions which were at one time almost insurmountable now are being overcome through jet travel and modern communications. As a direct result of these abilities, the path toward world unity has now become paved by the technological prowess of a generation of scientific achievements. In no other time has society had such potential to form a one-world system than in the days we now live.

To students of Biblical prophecy this situation will come as no surprise. Literally thousands of years ago the Bible predicted that a one-world empire will arise just before the Second Coming of Christ. According to the prophets of old, the political and economic conditions at the end of the age would gradually cause the nations to coalesce into one gigantic, powerful empire that would rule the world with an iron fist.

If we are truly in the grips of that final generation before the return of Christ, then we should be able to see the beginnings of this empire taking shape today. Amazingly, in the same time frame as the rebirth of Israel, there have been major developments on the international political scene that are helping to establish the framework for what President George H.W. Bush had

called “The New World Order” in a speech to the U.N. in 1991. At about the same time, with the fall of the communist bloc in Eastern Europe and the dissolution of the Soviet Union in 1989, the grouping of nations that was once called “The Western Alliance” was set free to rise rapidly in power and influence. These events led to an assemblage of major countries from three regions of the world that are soon destined to form the **New World Order**, which will dominate everyone and everything on a global scale. It now sits as a loose association of the most economically and militarily powerful nations the world has ever seen. This trilateral alliance comprises an ever growing list of countries that have as their common goal the formation of a new world system, which will in the end supplant the old paradigm of individual nation states to create a unified global government. The only key missing in this empire’s march toward complete unity is the presence of a charismatic leader powerful enough to pull the diverse alliance together as one. Soon even this missing link will be found in the meteoric rise of a dynamic person that the Bible calls the Man of Sin and Christians call the Antichrist.

Throughout this fascinating section on Biblical prophecy we are going to see that the world empire is being built on the foundation of political, economic, and technological innovations, which will coalesce and unite all nations at the end. If this sounds too fantastic to believe, I assure you that by the time you have finished reading this section, you will have a totally different view of Biblical prophecy. The Bible is so explicit in these prophecies that it upredicts highly detailed events surrounding the rise of this last world empire. However, to fully understand these amazing predictions and how they fit into our world today, we must begin thousands of years ago with the writings of the prophet Daniel.

<https://endtimetruth.com/new-world-order/>

The link below is to a globalist deceiver website that calls for a digital identification similar to the mark of the beast technology

<https://id2020.org/>

---++---+++-----++++-----+++++++-----+;++++;-----+

<http://socioecohistory.x10host.com/2020/03/18/global-id2020-coronavirus-vaccine-mark-of-the-beast-666/>

How Viral Pandemic Benefits The Globalist Agenda

The globalist agenda is complicated in design but simple in its goals: Order out of chaos

Brandon Smith | Alt-Market.com - January 30, 2020

The world today suffers from highly fragile economic and geopolitical conditions.

This is not news to most people in the liberty movement that have been tracking the downward spiral for years, but it is news to a majority of average Americans who rarely venture to get in-depth information on any issue.

The fact of the matter is, even though there are millions of us who are aware of the danger, we are still in a minority.

This creates a serious set of frustrations.

When the common citizen is oblivious to the existence of a threat, trying to explain to them the source of that threat becomes a waste of time.

How can they see the root of the problem if they don't even know the problem is there?

Yes, the world is on the verge of a violent sea-change, but this is not the most important issue.

The most important issue is that this precarious situation is not the product of random chance, simple greed, base human frailty or an “overly complex” system as mainstream experts will predictably claim; it is a deliberately engineered chaos box designed to serve the interests of a select few.

Never Let A Good Crisis Go To Waste...

But what do globalists have to gain directly from a coronavirus pandemic beyond simple chaos that can be exploited?

Interestingly, a representative from Johnson and Johnson, one of the companies that may end up designing a “vaccine” for the Cronavirus, suggested during Event 201 that a “centralized” global economic authority in charge of funding and procuring vaccines for various nations in crisis was an option for solving the pandemic.

Gee, that sounds strangely similar to [what globalists](#) have [been demanding](#) for many years now, and the pandemic just happens to offer a perfect excuse for the creation of such a one-world financial authority. They might claim that such a system would be temporary according to the life of the pandemic, but this will be a lie.

In terms of the economic effects, even if the virus were to stay primarily in China, the Chinese economy is, in basic terms, the largest in the world; it is the biggest exporter/importer and it is central to the now interdependent global economy. If China's economy goes down, even for a short time, this will send shockwaves through all other national economies and supply lines.

In May of last year I published an article titled '[Globalists Only Need One More Major Event To Finish Sabotaging The Economy](#)'. To summarize the situation:

The globalist establishment has created the largest financial bubble in modern history through central bank stimulus, inflating a highly unstable artificial rally in markets while also creating new highs in national debt, corporate debt and consumer debt. The economic fundamentals have been sending alarms for the past two years, and the 'Everything Bubble' is showing signs of implosion. It is only a matter of time before the farce collapses by itself. The globalists need scapegoats, but they also need an event or wave of events so distracting that people will not be able to discern what really happened.

The reason why globalists want a collapse is simple – They need crisis in order to manipulate the masses into accepting total centralization, a global monetary system and global governance. They are also rabid believers in eugenics and population reduction. At the very least, a global pandemic is a useful happenstance for them; but the timing of the coronavirus event and their highly accurate "simulation" only three months ago also suggests their potential involvement, as it comes right as the implosion of the Everything Bubble was accelerating.

Consider this: Even if a pandemic does not kill a large number of people, it still disrupts international travel, it disrupts exports and imports, it disrupts consumer behavior and retail sales, and it disrupts domestic trade. If it does kill a large number of people, and if the Chinese government's response is any indication, it could result in global martial law. With many economies including the US economy already in a precarious balancing act of historic debt vs. crashing demand and useless central bank repo market intervention, there is little chance that the system can withstand such a tsunami.

Make no mistake, the crash has already begun, whether the virus hits the US hard or not. The only question is, will this be the trigger event that accelerates the collapse process that is already in motion?

This is not just about China, it is about all nations. And, ultimately, this is not even about the coronavirus, it is about the financial time bomb that the globalist establishment created. It is about our economic interdependency and the house of cards we have become. In the wake of calamity, the globalists will call for even MORE interdependency. They will claim tragedy struck because we were not "centralized enough".

<https://www.alt-market.com/index.php/articles/3949-trump-cannot-be-anti-globalist-while-working-with-global-elites>

Globalists conspired how to control info in pandemic simulation weeks before COVID-19 outbreak

One of the purposes of the event was to help international policymakers in their understanding of the challenges they could face if such a pandemic actually develop

March 12, 2020 ([LifeSiteNews](#)) — As concern around the world increases about the global coronavirus outbreak, news has surfaced about an event co-hosted by the [Bill & Melinda Gates Foundation](#) in October 2019, in which 15 global business, government, and public health leaders took part in a simulation exercise based on responding to an international “coronavirus” pandemic.

The first report of the 2019 novel coronavirus (COVID-19) currently spreading around the world occurred in [November 2019](#).

The term “coronavirus” refers to a group of viruses rather than one unique strain, and the coronavirus discussed during October’s [Event 201](#) simulation exercise differed in a number of ways from the Covid-19 virus.

In the Event 201 simulation, the coronavirus disease starts in pig farms in Brazil and is transferred to humans, with a resulting death toll of 65 million people within 18 months — surpassing the deadliest pandemic in history, the 1918 Spanish flu.

<https://www.lifesitenews.com/news/globalists-hosted-coronavirus-pandemic-simulation-weeks-before-first-instances-of-covid-19>

Only [three months ago](#), John Hopkins, the Bill and Melinda Gates Foundation and the World Economic Forum (a hive of self-professed globalists) [ran a “pandemic simulation” called “Event 201”](#) [9](#) specifically focused on Coronavirus. Not Ebola, or Swine Flu or even Avian Flu - but CORONAVIRUS. The simulation features the spread of coronavirus in South America, blamed on animal to human transmission (pigs). The conclusion of the exercise was that national governments were nowhere near ready, scoring 40 out of 100 on their preparedness scale. The simulation [projected over 65 million deaths](#) [1](#) worldwide.

On June 19, 2015, the [UK government-funded](#) Pirbright Institute filed an application for a patent for the live coronavirus, which was approved on Nov 20, 2018.

Suspiciously, a Pirbright Institute [“primary funder”](#) is the Bill and Melinda Gates Foundation.



OVERVIEW

ORGANIZATION TYPE

Institute

STAFF

251-500

FOUNDED

1914

PIRBRIGHT

The Pirbright Centenary. developed surveillance developme 4) laborator unique com potentially c

The Institut

[See more](#) ▾

PRIMARY FUNDERS

BILL & MELINDA GATES FOUNDATION [Bill & Melinda Gates Foundation \(B&MGF\)](#)

Specifically, the Bill and Melinda Gates Foundation [donated \\$189,232 to the Pirbright Institute](#) in a 2013 grant looking “to improve our understanding of, and effective use of, current control tools and measures (including vaccines) against peste des petits ruminants and foot and mouth disease, two serious diseases affecting livestock that are widespread in developing countries.”

Then, in November of 2019, [the Pirbright Institute’s website published an article](#) focusing on the Bill & Melinda Gates Foundation’s funding of “a Livestock Antibody Hub” to the sum of \$5.5 million.

“The ambitious programme of work will see extensive collaboration between multiple UK research organisations in order to utilise research outcomes in livestock disease and immunology to support human health as part of the ‘One Health’ agenda,” [the Pirbright Institute wrote last November](#).

Professor John Hammond, the lead researcher on the program, said, “New technology has given us the opportunity to utilise these detailed antibody responses to make the next generation of vaccines and therapies, which will improve animal health and ultimately human health, as well as ensuring the security of our food supply.”

Pirbright Institute Hires Coronavirus Expert To Work With Livestock Antibody Hub

Additionally, at the same time the Pirbright Institute announced the Livestock Antibody Hub program, they posted a job opening for a 4-year Postdoctoral Scientist position on LinkedIn.com.

The [advertisement for the job opening explains](#), “The post-holder will report to the Heads of the Coronavirus Group and the Viral Oncogenesis Group work and will work closely with a multidisciplinary team to advance the aims of the overall Pirbright Livestock Antibody Hub.”

Keep in mind, this all took place prior to the current Wuhan coronavirus outbreak.

Bill And Melinda Gates Behind Global Pandemic Exercise Focusing On Coronavirus

Meanwhile, on Oct. 18, 2019, also before the outbreak, the Bill and Melinda Gates Foundation, the Johns Hopkins Bloomberg School of Public Health and the World Economic Forum co-hosted an event in NYC where “policymakers, business leaders, and health officials” worked together on a simulated coronavirus outbreak.

Titled the “[Event 201](#)” pandemic, the high-level pandemic exercise “dropped participants right in the midst of an uncontrolled coronavirus outbreak that was spreading like wildfire out of South America to wreak worldwide havoc.”

“In the simulation, CAPS (the coronavirus) resulted in a death toll of 65 million people within 18 months,” [according to John Hopkins University](#).

A video highlight reel from the event shows fictional newscasters from “GNN” discuss how the hypothetical immune-resistant virus (nicknamed CAPS) was crippling trade and travel, sending the global economy into freefall.

Event 201 Promotes Globalism As Solution To Pandemic

<https://youtu.be/AoLw-Q8X174>

[Further promoting globalism as an antidote](#) to the hypothetical outbreak, [participants in Event 201](#) proposed the following:

- 1: Governments, international organizations, and businesses should plan now for how essential corporate capabilities will be utilized during a large-scale pandemic.**
- 2: Industry, national governments, and international organizations should work together to enhance internationally held stockpiles of medical countermeasures (MCMs) to enable rapid and equitable distribution during a severe pandemic.**
- 3: Countries, international organizations, and global transportation companies should work together to maintain travel and trade during severe pandemics.**
- 4: Governments should provide more resources and support for the development and surge manufacturing of vaccines, therapeutics, and diagnostics that will be needed during a severe pandemic.**
- 5: Global business should recognize the economic burden of pandemics and fight for stronger preparedness.**
- 6: International organizations should prioritize reducing economic impacts of epidemics and pandemics.**
- 7: Governments and the private sector should assign a greater priority to developing methods to combat mis- and disinformation prior to the next pandemic response.**

Once again, remember that all of this took place prior to the [first documented report of the illness](#) in late December of 2019.

<https://www.infowars.com/bill-and-melinda-gates-foundation-others-predicted-up-to-65-million-deaths-via-coronavirus-in-simulation-ran-3-months-ago/>

<https://www.naturalnews.com/2020-02-15-the-coronavirus-achieves-all-the-top-priorities-of-the-globalists-depopulation.html>

The coronavirus achieves all the top priorities of the globalists: Depopulation, authoritarian government and elimination of the elderly who no longer contribute tax money

the globalist goal of *depopulation*.

- All the governments of the world are going broke covering entitlement payments for retired workers, such as Medicare, pensions, social security, etc. *Killing off the elderly* helps governments stay functionally solvent while they continue to operate on debt. (No government has any use for a citizen after they stop paying taxes and retire.) Note carefully that this virus tends to **kill the elderly** while leaving working-aged citizens alive so they can continue to run the factories, pay the taxes and fund the “tax plantations” that fiscally feed governments.
- The pandemic allows governments to declare **medical martial law**, with gunpoint-enforced quarantines, **mandatory vaccinations** and government kidnapping of children from parents who refuse to go along with the medical tyranny. It’s a dream come true for the CDC and the vaccine industry.
- Simultaneously, the pandemic also allows Big Tech to justify total censorship and de-platforming of “anti-vaxxers,” who will of course be immediately blamed for every infection and every death, as soon as a commercial vaccine is available.
- The economic collapse that’s now inevitable from the pandemic’s effects on the global supply chain will **cover up all the counterfeit money printing by the central banks** and shift blame for the economic collapse to the virus instead of failed monetary policy. Yes, the global economy was already headed for a cascading debt collapse apocalypse, but now the governments can claim “the virus did it.”
- If they can get the virus to spread quickly enough, globalists might even be able to crash the U.S. economy in time to defeat Trump’s re-election in November, removing a key enemy of the globalists and possibly even installing Hillary Clinton as Vice President (she’s rumored to be the running mate of Bloomberg).

Make no mistake, **this CoVid-19 Wuhan coronavirus outbreak is almost the perfect weapon against humanity** that keeps the globalists in power and even *increases* their tyranny on a global scale.

It's almost as if — dare we say — the virus was *intelligently designed* with these goals in mind...

Listen to my new podcast here for more details. Follow my channel at:

<https://www.brighteon.com/channel/hrreport>

Rockefeller Foundation's 2010 pandemic scenario of strong government/weak population is a precise script for today's COVID-19 shutdown, except what they said would take years is being done in weeks.

<https://www.infowars.com/coronavirus-spread-a-perfect-storm-of-malnourished-americans-big-pharma-control/>

Five years ago, Italian state owned media Company, Rai – Radiotelevisione Italiana, exposed dark efforts by China on viruses.

[The video](#), which was broadcast in November, 2015, showed how Chinese scientists were doing biological experiments on a SARS connected virus believed to be Coronavirus, derived from bats and mice, asking whether it was worth the risk in order to be able to modify the virus for compatibility with human organisms.

<https://www.infowars.com/chinese-biological-experiments-to-infect-humans-with-coronavirus-exposed-in-2015-by-italian-state-media/>

<http://www.rai.it/dl/RaiTV/programmi/media/ContentItem-5e3275ba-475c-4cf4-b402-1e27dc47565b.html>

In a world where nation's governments and corporations are so careless and negligent as to allow biological weapons to escape from their laboratories, or wicked enough to intentionally release them, we must be prepared to defend ourselves not only against physical attacks from tyrants but also from biological threats like the corona virus .

Watch Live: The Coronavirus Story Mainstream News Still Won't Touch

Plus massive news on coronavirus, global markets, martial law & other developments!

Watch Live: Gov't Lockdown: From Absurdity To Tyranny <https://t.co/vGQNBbXUkN>

— David Knight (@libertytarian) [March 31, 2020](#)

<https://www.infowars.com/watch-live-govt-lockdown-from-absurdity-to-tyranny/>

Coronavirus Spread a Perfect Storm of Malnourished Americans, Big Pharma Control

Americans now in a chronic state of health deficiencies, exacerbated by pharmaceutical drugs

As COVID-19 continues to spread, speculation is mounting that chronic mineral deficiencies [contribute to the mortality](#) rate of the virus.

Specifically, zinc has been [identified by researchers](#) as a critical mineral.

How did the general population get to this state of chronic deficiencies?

The truth is that the modern medical system was created by the Rockefeller family and other 20th-century robber barons **to ensure the dominance of “technological medicine” above natural medicine.**

E. Richard Brown, UCLA professor and former president of the American Public Health Association, wrote in *Rockefeller Medicine Men* (1979) that tax-exempt foundations played a major role in forming the medical establishment in the United States.

These elites (The Carnegie Foundation, Rockefeller Foundation and others) crafted the medical system in such a way that it would, by its very nature, support technological medicine over any other form of treatment.

Brown warned that, "...a growing interest group within the corporate class has a **direct financial stake in the dominance of technological medicine.**"

Over 100 years of technological medicine has placed Americans in a chronic state of deficiencies, exacerbated by pharmaceutical drugs that mask the symptoms of deficiency, and further deplete the body of vital nutrients. We have become more susceptible to disease as a result.

<https://www.infowars.com/coronavirus-spread-a-perfect-storm-of-malnourished-americans-big-pharma-control/>

This is a link to an example of one of the many ways in which quinine has been repurposed to treat diseases other than malaria

<https://pubmed.ncbi.nlm.nih.gov/30055216/>

Abstract: In recent decades, drugs used to treat malaria infection have been shown to be beneficial for many other diseases, including viral infections. In particular, they have received special attention due to the lack of effective antiviral drugs against new emerging viruses (i.e., HIV, dengue virus, chikungunya virus, Ebola virus, etc.) or against classic infections due to drug-resistant viral strains (i.e., human cytomegalovirus

https://www.researchgate.net/publication/338484189_The_Use_of_Antimalarial_Drugs_against_Viral_Infection

Doctors and hospitals are turning to decades-old antimalarial drugs to treat patients infected with the disease caused by the new coronavirus, as they work to repurpose existing therapies in a race to find effective treatments.

Antimalarial drugs chloroquine phosphate and hydroxychloroquine have both shown early signs of improving symptoms of some patients diagnosed with Covid-19,

Treatment of Uncomplicated *P. falciparum* Malaria

For treatment of uncomplicated *P. falciparum* malaria in adults: Orally, 648 mg (two capsules) every 8 hours for 7 days [see [Clinical Studies \(14\)](#)].

QUALAQUIN should be taken with food to minimize gastric upset [see [Clinical Pharmacology \(12.3\)](#)].

How to use Qualaquin

Read the [Medication](#) Guide and, if available, the Patient Information Leaflet provided by your [pharmacist](#) before you start taking [quinine](#) and each time you get a refill. If you have any questions, ask your doctor or pharmacist.

Take this medication by [mouth](#), with food to decrease [upset stomach](#), exactly as prescribed by your doctor. This medication is usually taken every 8 hours for 3 to 7 days or as directed by your doctor.

Take this medication 2 to 3 hours before or after taking antacids containing aluminum or [magnesium](#). These products bind with quinine, preventing your body from fully absorbing the drug. Quinine: Oral capsule (324mg)

QUININE (KWYE nine) is an antimalarial agent. It is used to treat malaria. Quinine should not be used to prevent leg cramps.

Similar Brand Name Drugs : [Qualaquin: Oral capsule \(324mg\)](#)

What is Qalalaquin?

The U.S. Food and Drug Administration has banned the sale of all non-approved brands of [quinine](#). Do not purchase Qalalaquin on the Internet or from vendors outside of the United States.

Qalalaquin is used to treat uncomplicated [malaria](#), a disease caused by parasites. Parasites that cause malaria typically enter the body through the bite of a mosquito. Malaria is common in areas such as Africa, South America, and Southern Asia.

Qalalaquin will not treat severe forms of malaria, and it **should not be taken to prevent malaria**.

Some people have used Qalalaquin to treat leg cramps, but this is not an FDA-approved use. **Using this medication improperly or without the advice of a doctor can result in serious side effects or death.**

Qalalaquin may also be used for purposes not listed in this medication guide.

Treatment of Uncomplicated P. falciparum Malaria

For treatment of uncomplicated P. falciparum malaria in adults: Orally, 648 mg (two capsules) every 8 hours for 7 days [see [Clinical Studies \(14\)](#)].

QUALAQUIN should be taken with food to minimize gastric upset [see [Clinical Pharmacology \(12.3\)](#)].



Under ultraviolet light, the [quinine](#) in tonic water [fluoresces](#).

Tonic water (or **Indian tonic water**) is a [carbonated soft drink](#) in which [quinine](#) is dissolved. Originally used as a [prophylactic](#) against [malaria](#), tonic water usually now has a significantly

lower [quinine](#) content and is consumed for its distinctive [bitter flavor](#), though it is nowadays also often sweetened. It is often used in [mixed drinks](#), particularly in [gin and tonic](#).

Medicinal tonic water originally contained only [carbonated water](#) and a large amount of quinine. However, most tonic water today contains less quinine and is used mostly for its flavor. As a result of the lower quinine content, it is less bitter, and is also usually sweetened, often with [high-fructose corn syrup](#) or sugar. Some manufacturers also produce diet (or slimline) tonic water, which may contain artificial sweeteners such as [aspartame](#). Traditional-style tonic water with little more than quinine and carbonated water is less common but may be preferred by those who desire the bitter flavor.

In the United States, the US [Food and Drug Administration](#) (FDA) limits the quinine content in tonic water to 83 [ppm](#)^[3] (83 mg per liter if calculated by mass), while the daily therapeutic dose of quinine is in the range of 500–1000 mg,^[4] and 10 mg/kg every eight hours for effective malaria prevention (2100 mg daily for a 70 kg adult).^[5] It is often recommended as a relief for leg [cramps](#), but medical research suggests some care is needed in monitoring doses.^[6] Because of quinine's risks, the FDA cautions consumers against using "off-label" quinine drugs to treat leg cramps.^[7]

Qualaquin may also be used for purposes not listed in this medication guide.

Treatment of Uncomplicated *P. falciparum* Malaria

For treatment of uncomplicated *P. falciparum* malaria in adults: Orally, 648 mg (two capsules) every 8 hours for 7 days [see [Clinical Studies \(14\)](#)].

QUALAQUIN should be taken with food to minimize gastric upset [see [Clinical Pharmacology \(12.3\)](#)].

According to the website for qualaquin you actually only need about 650mg of quinine threetimes per day. You're not awake for 24 hours, so every 8 hours means three times per day . in the morning when you wake up, then at noon or 3 pm, then at bedtime. if one liter of tonic water is 83 mg, then 10 liters is 830 mg and 20 liters is still only about 1600 mg. So basically, you'dhave to drink 25 liters of tonic water per day or at least 12 2 liter bottle s of tonic water with the maximum dose of quinine allowed by law. Honestly, your better off growing the chincho tree or whatever it's to so you can harvest the bark. Eff yeah! Be an apothecary!

This is another source of quinine. This specific source may not be available by the time you read this, but, sellers restock and many sellers on eBay sell these as well as other sellers elsewhere online. Go online and get some quinine tablets.

<https://www.ebay.com/itm/264678711786>

Evaluating Cinchona bark and quinine for treating and preventing malaria

Article (PDF Available) in [Journal of the Royal Society of Medicine](#) 110(2

https://www.researchgate.net/publication/313453153_Evaluating_Cinchona_bark_and_quinine_for_treating_and_preventing_malaria

During the 18th century, albeit with some continuing ambiguity,

4

malaria gradually became accepted as a defined set of intermittent fevers responding to 'therapeutic tests' using Cinchona bark or, from the 1820s, by using quinine. But difficulties in the diagnosis of genuine malaria persisted until the causal parasite and vectors had been recognised at the end of the 19th century.

Comparison with past clinical experience and the rapidity of the response to both Cinchona bark and quinine in many reported cases and case series left comparatively little room for doubt that the drug had beneficial effects on the disease. As noted at the

7

-----+++------+++------+++------+++-

-----+-----+-----+-----+-----+-----+-----+-----

The bark used was *Cinchona pubescens* quinine tree bark

-----+-----++++-++++-+++++++-----+++++++-----+++++++-----+++++

The *Schedula Romana*, published in 1649, is an early example of an efficient anti-malaria recipe, generally assumed to have been designed by the Spanish cardinal Juan de Lugo and to have summarized

trials that he probably carried out (Jarcho 1993). The doses recommended are likely to have been established by trial and error, and it can reasonably be assumed that de Lugo relied on results obtained using the various recipes proposed by Roman apothecaries. In brief, two drachms (7.5 to 9 grams) of selected bark (no details specified) were to be ground to a very fine powder (a special mill was established in Rome) and infused in hot, strong wine. This mixture was to be administered every day (sometimes several times a day). A rough computation based on the probable content in quinine of red bark leads to the conclusion that doses used in 1650 were in the range of those used after the isolation of quinine, that is, between 0.75 and 1.5 grams of quinine a day.

The bark used was *Cinchona pubescens* quinine tree bark

All natural fully legal anti viral (grog)

Unregulated anti viral that works

-----+ ++++++-----+ ++++++-----+ ++++++-----+ ++++++-----

https://www.researchgate.net/publication/313453153_Evaluating_Cinchona_bark_and_quinine_for_treating_and_preventing_malaria

. *Cinchona* as a tree was not known to Europeans, at least until its description by genuine botanists around 1730, so that fakes could easily be sold instead of the genuine product. Also, search for less expensive alternatives to *Cinchona* contributed to market confusion. From the very beginning, both Jesuits and the Spanish crown attempted to control the quality of the material sent to, and sold in, Europe. It is worth noting that the genuine 'good' starting material (red and bitter bark) and a reproducible method for extracting its active principle was not established and publicized until the late 1730s. This goes some way to explaining large disparities in the reported efficacy of bark in malaria. Knowledge about that was empirically acquired largely by merchants and apothecaries. The scientific reasons for differences among barks and different parts of the tree were not identified until 1842, after a systematic survey of their quinine content by Bouchardat (1842).

By the middle of the 17th century bark as a treatment was becoming widely discussed, especially in the Protestant world, which was suspicious of any remedy promoted by the Jesuits: religious bigotry played a large part in the arguments that raged about the bark's efficacy (Rocco 2004).

Choice of quinine dose for treating malaria How was an appropriate dose of quinine first defined? The dose of quinine used in 1820 and in later studies appears to have been adapted from the quantity of bark powder previously used for intermittent fevers. Depending on the origin of the bark, the content as quinine lies in the range of 1–4% of dry material.^{29,39,41} For example, at the court of Louis XIV,^{19,20,42}

'pre-quinine' physicians had routinely used 1.5–2 ounces of bark every day for a minimum of six days, as powder, extract or pills. This is in the range of 1–2g of quinine a day. A rough computation based on more accurate prescriptions for the preparation of bark powder potions for fevers³⁷ suggests daily doses equivalent to about 1 g of quinine, distributed in several doses. Such a computation is obviously subject to substantial uncertainty, particularly concerning the concentration of quinine in the original material. It suggests, however, that the daily doses used after 1820 were merely adaptations from a century and a half of use of bark powder.

Cinchona Calisaya Quinine Kuinin Sulfat 200mg Tablet Kina Peruvian Bark Jesuit

\$11.90 Free Shipping

Cinchona

1. [Language](#)
2. [Watch](#)
3. [Edit](#)

For

<https://www.ebay.com/itm/383479630151>

The above link is to an eBay sale of Cinchona tree bark which contains quinine. Even if this item is no longer available from this seller when you read this, there are always many sellers on both amazon.com and eBay who are selling Cinchona bark. The main types of Cinchona tree bark that contains quinine are Cinchona pubescens and Cinchona calisaya. Both contain quinine. There are other types of Cinchona tree, some of which have quinine in the bark, some of which do not. Do your own research. You can boil the Cinchona tree bark and make a quinine tonic tea from it.

<https://www.ebay.com/itm/253459433546>

The above link is to an eBay sale of Cinchona tree bark powder. The bark has to at least be ground up in a coffee grinder before you boil it. It's best if it is powdered. Then you can make quinine syrup from it. The British military used to drink grog, which was basically quinine from Cinchona tree bark mixed with rum and water. This is where gin and tonic comes from. Here's some information about that.

other uses, see [Cinchona \(disambiguation\)](#).

Cinchona (pronounced [/sɪŋˈkoʊnə/](#) or [/sɪnˈtʃoʊnə/](#)^[1]) is a [genus](#) of flowering plants in the family [Rubiaceae](#) containing at least 23 species of trees and shrubs. All are native to the [tropical Andean forests](#) of western [South America](#). A few species are reportedly [naturalized](#) in [Central America](#), [Jamaica](#), [French Polynesia](#), [Sulawesi](#), [Saint Helena](#) in the [South Atlantic](#), and [São Tomé and Príncipe](#) off the coast of tropical Africa, and others have been cultivated in [India](#) and [Java](#), where they have formed hybrids.

Quina bark was mentioned by [Fray Antonio de La Calancha](#) in 1638 as coming from a tree in [Loja](#) (Loxa). He noted that bark powder weighing about two coins was cast into water and drunk to cure fevers and "tertians". Jesuit Father [Bernabé Cobo](#) (1582–1657) also wrote on the "fever tree" in 1653. The legend was popularized in English literature by Markham, and in 1874 he also published a "plea for the correct spelling of the genus *Chinchona*".^{[10][11]} Spanish physician and botanist [Nicolás Monardes](#) wrote of a New World bark powder used in Spain in 1574, and another physician, Juan Fragoso, wrote of bark powder from an unknown tree in 1600 that was used for treating various ills. Both identify the sources as trees that do not bear fruit and have heart-shaped leaves; it has been suggested that they were referring to *Cinchona* species.^[12]

Quinine was first extracted from the bark of the South American cinchona tree and isolated. In 1944, the total synthesis of quinine was achieved by Woodward and Doering. ... Before 1820, the bark was first dried, ground to a fine powder, and then mixed into a liquid (commonly wine), which was then drunk.

[Cinchona \(Cinchona sp.\)](#)

K.P. Prabhakaran Nair, in [The Agronomy and Economy of Important Tree Crops of the Developing World](#), 2010

Quality Standards

Cinchona bark is not graded, as there is no grading system, although classification is made into industrial bark, which is in small pieces, and “druggist quills,” which are up to 30 cm long, 1–8 cm wide, and 2–6 mm thick. Industrial bark is used for alkaloid extraction and represents the bulk of demand for cinchona, whereas “druggist quills” are used in gelatin preparation

(International Trade Centre, 1982). In trade, commercial specifications include the country of origin, color of the inner side of the bark, moisture, total alkaloid, and [quinine](#), quinidine, and quinine sulfate contents. Of these, quinine content is given as the percentage content of quinine as anhydrous alkaloid (QAA) and quinine sulfate content as SQ-7 (quinine sulfate with 7 water molecules) or SQ-2 (quinine sulfate with 2 water molecules). In practice, the QAA and SQ are not usually provided by suppliers in developing countries, but are determined by potential buyers from samples submitted by suppliers. Most pharmacopoeias prescribe a minimum total alkaloid content of 5–7 percent in the bark.

Cinchona bark in pieces or chips is packed in [jute](#) bags of 50–60 kg capacity, whereas ground bark is packed in polyethylene-lined jute bags or [polyethylene](#) sacks of 100 kg capacity. Prior to chipping or grinding, the bark must be dried to a minimum of 10 percent moisture content. Both yellow and red barks have been approved for use in beverages, with a restriction that the total cinchona alkaloids should not exceed 83 ppm (0.0083 percent) in the finished beverage offered for sale. The bark of *Remijia pedunculata* (Rubiaceae) from Colombia also contains quinine and quinidine alkaloids and is used as a source of quinidine. This can be distinguished from cinchona bark by a simple test: the powder of the latter, when heated in a dry test tube, preferably with a little glacial acetic acid, produces reddish fumes, which are condensed in the upper part of the test tube.

Cinchona bark in pieces or chips is packed in [jute](#) bags of 50–60 kg capacity, whereas ground bark is packed in polyethylene-lined jute bags or [polyethylene](#) sacks of 100 kg capacity. Prior to chipping or grinding, the bark must be dried to a minimum of 10 percent moisture content. Both yellow and red barks have been approved for use in beverages, with a restriction that the total cinchona alkaloids should not exceed 83 ppm (0.0083 percent) in the finished beverage offered for sale. The bark of *Remijia pedunculata* (Rubiaceae) from Colombia also contains quinine and quinidine alkaloids and is used as a source of quinidine. This can be distinguished from cinchona bark by a simple test: the powder of the latter, when heated in a dry test tube, preferably with a little glacial acetic acid, produces reddish fumes, which are condensed in the upper part of the test tube.

The genus *Cinchona* contains about forty species of trees. They grow 15-20 meters in height and produce white, pink, or yellow flowers. All cinchonas are indigenous to the eastern slopes of the Amazonian area of the Andes, where they grow from 1,500-3,000 meters in elevation on either side of the equator (from Colombia to Bolivia). They can also be found in the northern part of the Andes (on the eastern slopes of the central and western ranges). They are now widely cultivated in many tropical countries for their commercial value, although they are not indigenous to those areas. Natural quinine bark is still employed in herbal medicine systems around the world today. In Brazilian herbal medicine quinine bark is considered a tonic, a digestive stimulant, and fever-reducer. It is used for anemia, indigestion, gastrointestinal disorders, general fatigue, fevers, malaria and as an appetite stimulant. Other folk remedies in South America cite quinine bark as a natural remedy for cancer (breast, glands, liver, mesentery, spleen), amebic infections, heart problems, colds, diarrhea, dysentery, dyspepsia, fevers, flu, hangover, lumbago, malaria, neuralgia, pneumonia, sciatica, typhoid, and varicose veins. In European herbal medicine the bark is considered antiprotozoal, antispasmodic, antimalarial, a bitter tonic, and a fever-reducer. There it is used as an appetite stimulant, for hair loss, alcoholism, liver, spleen, and gallbladder disorders; and to treat irregular heart beat, anemia, leg cramps, and fevers of all kinds. In the U.S., quinine bark is used as a tonic and digestive aid; to reduce heart palpitations and normalize heart

functions; to stimulate digestion and appetite; for hemorrhoids, varicose veins, headaches, leg cramps, colds, flu, and indigestion; and for its astringent, bactericidal, and anesthetic actions in various other conditions.

How does Cinchona work?

Cinchona bark stimulates [saliva](#) and stomach ([gastric](#)) juice secretion. It contains quinine, which is a chemical used to treat malaria.

Are there safety concerns?

Cinchona bark seems to be safe for most people when used appropriately. However, in large amounts, cinchona is **UNSAFE** and can be deadly. Symptoms of overdose include ringing of the ears, [headache](#), [nausea](#), [diarrhea](#), and vision disturbances. Cinchona can also cause bleeding and allergic reactions, including [hives](#) and fever.

Special Precautions & Warnings:

Pregnancy and breast-feeding: Don't use cinchona if you are [pregnant](#) or [breast](#)-feeding. There is some evidence that cinchona is **UNSAFE** to use during [pregnancy](#). Not much is known about the safety of using cinchona if you are breast-feeding, so it's best to avoid it.

Stomach or intestinal ulcers: Don't use cinchona if you have ulcers. It might increase the risk of bleeding.

Surgery: Cinchona can slow blood clotting, so there is a concern that it might increase the risk of extra bleeding during and after [surgery](#). Stop using cinchona at least 2 weeks before a scheduled surgery.

Are there any interactions with medications?

QuinidineInteraction Rating: **Major** Do not take this combination.

Cinchona contains quinidine. Taking quinidine along with cinchona can increase the effects and side effects of quinidine and cause heart problems. Do not take cinchona if you are taking quinidine.

QuinineInteraction Rating: **Major** Do not take this combination.

Cinchona contains quinine. Taking quinine along with cinchona can increase the effects and side effects of quinine and cause heart problems. Do not take cinchona if you are taking quinine.

Carbamazepine (Tegretol) Interaction Rating: **Moderate** Be cautious with this combination. Talk with your [health](#) provider. The body breaks down [carbamazepine](#) to get rid of it. Cinchona contains quinine. Quinine can cause the body to break down carbamazepine (Tegretol) too quickly. Taking cinchona along with carbamazepine (Tegretol) can decrease the effectiveness of carbamazepine (Tegretol).

Medications that slow blood clotting (Anticoagulant / Antiplatelet drugs) Interaction Rating: **Moderate** Be cautious with this combination. Talk with your health provider.

Cinchona might slow blood clotting. Taking cinchona along with medications that also slow clotting might increase the chances of bruising and bleeding.

Some medications that slow blood clotting include [aspirin](#), [clopidogrel \(Plavix\)](#), [diclofenac \(Voltaren, Cataflam, others\)](#), [ibuprofen \(Advil, Motrin, others\)](#), [naproxen \(Anaprox, Naprosyn, others\)](#), dalteparin ([Fragmin](#)), [enoxaparin \(Lovenox\)](#), [heparin](#), [warfarin \(Coumadin\)](#), and others.

Phenobarbital (Luminal) Interaction Rating: **Moderate** Be cautious with this combination. Talk with your health provider. Cinchona contains quinine. Quinine might increase how much phenobarbital (Luminal) is in the body. Taking cinchona with phenobarbital might increase the effects and side effects of phenobarbital.

Antacids Interaction Rating: **Minor** Be cautious with this combination. Talk with your health provider.

[Antacids](#) are used to decrease stomach acid. Cinchona may increase stomach acid. By increasing stomach acid, cinchona might decrease the effectiveness of antacids.

Some antacids include [calcium carbonate](#) (Tums, others), dihydroxyaluminum [sodium](#) carbonate (Rolaids, others), [magaldrate](#) (Riopan), [magnesium sulfate](#) (Bilagog), [aluminum hydroxide](#) (Amphojel), and others.

Medications that decrease stomach acid (H2-blockers) Interaction Rating: **Minor** Be cautious with this combination. Talk with your health provider. Cinchona might increase stomach acid. By increasing stomach acid, cinchona might decrease the effectiveness of some medications that decrease stomach acid, called H2-blockers.

Some medications that decrease stomach acid include [cimetidine \(Tagamet\)](#), [ranitidine \(Zantac\)](#), nizatidine ([Axiid](#)), and [famotidine \(Pepcid\)](#).

Medications that decrease stomach acid (Proton pump inhibitors) Interaction Rating: **Minor** Be cautious with this combination. Talk with your health provider.

Cinchona might increase stomach acid. By increasing stomach acid, cinchona might decrease the effectiveness of medications that are used to decrease stomach acid, called proton pump inhibitors.

Some medications that decrease stomach acid include [omeprazole \(Prilosec\)](#), [lansoprazole \(Prevacid\)](#), [rabeprazole \(Aciphex\)](#), [pantoprazole \(Protonix\)](#), and [esomeprazole \(Nexium\)](#).

Dosing considerations for Cinchona.

The appropriate dose of cinchona depends on several factors such as the user's age, health, and several other conditions. At this time there is not enough scientific information to determine an appropriate [range](#) of doses for cinchona. Keep in [mind](#) that natural products are not always necessarily safe and dosages can be important. Be sure to follow relevant directions on product labels and consult your [pharmacist](#) or [physician](#) or other healthcare professional before using.

To make quinine syrup: In covered saucepan, combine water, powdered cinchona bark, citric acid, lime zest, lemon zest, orange zest, lemongrass, salt and lavender. Bring to a boil. Reduce heat. Simmer for 30 minutes. **QUININE SYRUP**

Recipe adapted from the New York Times. To make tonic, add it to seltzer water to taste.

4 cups water

1/4 cup (1 ounce or 20 grams) cinchona bark, powdered (use coffee grinder if you have whole bark, which I did, or order powdered bark)

1/4 cup citric acid (see shopper's note)

Zest of 3 limes

Zest of 3 lemons

Zest of 1 orange

1 cup chopped lemongrass (about 3 stalks)

1/4 teaspoon kosher salt

2 tablespoons dried lavender

3 to 4 cups rich simple syrup (2 parts sugar dissolved in 1 part boiling water)

To make quinine syrup: In covered saucepan, combine water, powdered cinchona bark, citric acid, lime zest, lemon zest, orange zest, lemongrass, salt and lavender. Bring to a boil. Reduce heat. Simmer for 30 minutes. Remove from heat. Set aside until cool.

To steep: Transfer to carafe. Refrigerate for 2 days. Strain through cheesecloth or tea towel. (Note: I used the latter and had little sediment.) Return to carafe. Let rest for 1 to 2 days or until sediment has accumulated on bottom.

To finish: Gently decant. (Note: Yield should be about 3 1/2 cups.) Mix with equal part rich simple syrup. Funnel into clean bottles. (Note: I used swing-top syrup bottles that I found at Sur La Table, but any canning jars will do.) Refrigerate until ready to use.

Shopper's note: I found citric acid at Williams-Sonoma.

Another recipe

Homemade Tonic Water

1 lemon

1 lime

2 cups of water

2 teaspoons of cinchona bark

1 1/4 teaspoons citric acid (or the juice of one lemon)

1 stalk lemongrass (or a toothpick dipped in lemongrass oil)

1 1/2 cups sugar

Zest the lemon and lime and place in a saucepan, making sure not to include the bitter pith. Juice lemon and lime and add juice to saucepan, along with water, cinchona bark, citric acid powder, lemongrass, and sugar. Bring to a boil on high heat. Reduce heat to medium-low and cook for 45 minutes. Remove from heat and let mixture steep for 20 minutes. Allow the mixture to cool and strain through paper coffee filters. If I'd known better I would have bought the bark in it's raw rather than powdered form to make it easier to filter. Prepare to wait about eight hours for it to completely filter. Put in a clean glass jar or bottle and refrigerate. It makes about a cup and a half of syrup. The ratio for creating the tonic water is one part tonic syrup to four parts carbonated water.

Another recipe

Quinine Syrup

Makes 28 ounces (830 milliliters), with enough tincture left over for 2 more batches

6 grams powdered cinchona bark (red will be more assertive, yellow is milder and less bitter)

150 milliliters vodka

20 grams citric acid

10 grams whole gentian root

2 grams Ceylon soft-stick cinnamon, broken by hand into small pieces

30 grams lemon peel, peeled with a vegetable peeler

30 grams grapefruit peel, peeled with a vegetable peeler

400 grams sugar

500 milliliters water

To make the tincture: Dissolve the powdered cinchona bark in the vodka. Mix well, and then strain the mixture through a paper coffee filter fitted into a strainer (or a filter cone, if you have one) and suspend over a large enough container to accommodate the final volume of vodka. This process could take up to 1 hour, so don't worry if it seems like nothing is happening. (Note: The tincture lasts forever.)

This next recipe was from an eBay seller , sent on 03/26/20

New message from: indogoesworldwide (422Turquoise Star)

Hi,

Its 100% pure quinine bark powder.

Boil 1-2 tablespoon of herb with 700ml water.

Boil until remaining half.

Strain and chill. Drink only the water.



Thank you're

Combine all the ingredients for the aromatics in a medium saucepan. Heat them over medium heat just until boiling, then reduce the heat to low, and simmer, covered, for 20 minutes. Strain out the solids and let the liquid cool.

Another recipe

4 cups water
¼ cup cinchona bark powder (or ½ cup cinchona bark cut)
1 tsp whole allspice berries
¼ cup citric acid
¼ tsp salt
1 ½ cups of agave syrup

Combine water, bark, and berries in a medium saucepan and bring to a boil over high heat. Once mixture starts to boil, reduce heat to low, cover and simmer for 20 minutes.

Remove from heat and strain out solids using a strainer. You'll need to fine-strain the mixture, as it still contains quite a bit of the cinchona bark. Use a coffee filter, it may take 2 or 3.

Once you're satisfied with the clarity of your mix, heat it back up on the stovetop (never microwave), and then add citric acid, salt, and agave syrup to each cup of your hot mix. Stir until combined, and store in the attractive bottle of your choice.

To assemble a gin and tonic, use ¾ ounce of your tonic syrup, 1½ ounces of gin and 2 ounces of soda water over ice.

Options to adjust flavor profile.

- 1/4 cup lemongrass.
- 1 tbs Allspice Powder.
- Cardamon Powder.
- Cloves Powder.

- Juniper Berry.
- 1 Cinnamon Stick.
- zest and juice of 1 orange.
- zest and juice of 1 lemon.
- zest and juice of 1 lime.

Update 02-09-2016: Many ask “How do others filter the Cinchona out”

From all my customers that I have talked with I find there is no “best” way to filter but here is what some are doing.

- Leave the Cinchona powder in the tonic. It adds body.
- I Use Cinchona Bark Cut then a kitchen sieve.
- Use Cinchona Bark Powder, boil it then let it steep for an hour or longer. Vary carefully, without string, pour through a coffee filter, when the first filter clogs try another, then pitch the balance.
- Filter with cheese cloth or a course muslin in place of the finer coffee filter.
- I find the cheaper “store brand” or Always Save coffee filters work better for this than Mr. Coffee filters.

If acquiring seeds to grow cinchona trees for their quinine bark..

..

There are at least 24 species of *Cinchona* recognized by botanists.^{[4][54]} There are likely several unnamed species and many intermediate forms that have arisen due to the plants' tendency to [hybridize](#).^[7]

- [Cinchona anderssonii](#) Maldonado
- [Cinchona antioquiæ](#) L.Andersson
- [Cinchona asperifolia](#) Wedd.

- [Cinchona barbacoensis](#) H.Karst.
- [Cinchona calisaya](#) Wedd. ^[a]
- [Cinchona capuli](#) L.Andersson
- [Cinchona fruticosa](#) L.Andersson
- [Cinchona glandulifera](#) Ruiz & Pav.
- [Cinchona hirsuta](#) Ruiz & Pav.
- [Cinchona krauseana](#) L.Andersson
- [Cinchona lancifolia](#) Mutis
- [Cinchona lucumifolia](#) Pav. ex Lindl.
- [Cinchona macrocalyx](#) Pav. ex DC.
- [Cinchona micrantha](#) Ruiz & Pav.
- [Cinchona mutisii](#) Lamb.
- [Cinchona nitida](#) Ruiz & Pav.
- [Cinchona officinalis](#) L.
- [Cinchona parabolica](#) Pav. in J.E.Howard
- [Cinchona pitayensis](#) (Wedd.) Wedd.
- [Cinchona pubescens](#) Vahl
- [Cinchona pyrifolia](#) L.Andersson
- [Cinchona rugosa](#) Pav. in J.E.Howard
- [Cinchona scrobiculata](#) Humb. & Bonpl.
- [Cinchona villosa](#) Pav. ex Lindl

Not all species of cinchona tree have bark that contains quinine..

. *Cinchona*

- [Language](#)
- [Watch](#)
- [Edit](#)

For other uses, see [Cinchona \(disambiguation\)](#).

Cinchona (pronounced /sɪŋˈkoʊnə/ or /sɪnˈtʃoʊnə/^[1]) is a [genus](#) of flowering plants in the family [Rubiaceae](#) containing at least 23 species of trees and shrubs. All are native to the [tropical Andean forests](#) of western [South America](#). A few species are reportedly [naturalized](#) in [Central America](#), [Jamaica](#), [French Polynesia](#), [Sulawesi](#), [Saint Helena](#) in the [South Atlantic](#), and [São Tomé and Príncipe](#) off the coast of tropical Africa, and others have been cultivated in [India](#) and [Java](#), where they have formed hybrids.

Cinchona has been historically sought after for its medicinal value, as the bark of several species yields [quinine](#) and other [alkaloids](#) that were the only effective treatments against [malaria](#) during the height of European colonialism, which made them of great economic and political importance. [Carl Linnaeus](#) named the genus in 1742 based on a claim that the plant had cured the wife of the [Count of Chinchón](#), a Spanish viceroy in [Lima](#), in the 1630s, though the veracity of this story has been refuted. The curative properties of cinchona were known much earlier. The history of the plants and the identification of the precise origins of their various extracts and medicinal uses are still disputed; though certain fever cures from South America known as **Jesuit's bark** and **Jesuit's powder** have been traced to *Cinchona*, there is also evidence of ingredients derived from other species such as [Myroxylon](#). Linnaeus used the Italian spelling *Cinchona*, but the name Chinchón (pronounced [tʃinˈtʃon] in Spanish) led to [Clements Markham](#) and others proposing a correction of the spelling to *Chinchona*, and some prefer the pronunciation /tʃɪnˈtʃoʊnə/ for the common name of the plant. *Cinchona* plants belong to the family [Rubiaceae](#) and are large [shrubs](#) or small [trees](#) with [evergreen](#) foliage, growing 5 to 15 m (16 to 49 ft) in height. The [leaves](#) are opposite, rounded to lanceolate, and 10–40 cm long. The [flowers](#) are white, pink, or red, and produced in terminal [panicles](#). The [fruit](#) is a small [capsule](#) containing numerous [seeds](#). A key character of the genus is that the flowers have marginally hairy corolla lobes. The [tribe](#) Cinchoneae includes the genera *Cinchonopsis*, *Jossia*, *Ladenbergia*, *Remijia*, *Stilpnophyllum*, and *Ciliosemina*.^[3] In South America, natural populations of *Cinchona* species have geographically distinct distributions. During the 19th century, the introduction of several species into cultivation in the same areas of India and Java, by the English and Dutch East India Company, respectively, led to the formation of [hybrids](#).^[4]

[Carl Linnaeus](#) described the genus based on the species *Cinchona officinalis*, which is found only in a small region of [Ecuador](#) and is of little medicinal significance.^{[5][6]} Nearly 300 species were later described and named in the genus, but a revision of the genus in 1998 identified only 23 distinct species.^{[4][7]}

. Any of various evergreen trees and shrubs of the genus *Cinchona*, native chiefly to the Andes, some species of which are cultivated for their bark, which contains quinine and other alkaloids used chiefly to treat malaria.

2. The dried bark of any of these plants. Also called *Jesuit's bark*, *Peruvian bark*.

Cinchona calisaya

Cinchona calisaya is a [species](#) of [shrub](#) or [tree](#) in the family [Rubiaceae](#).^[1] It is native to the forests of the eastern slopes of the [Andes](#), where they grow from 200–3,300 metres (660–10,830 ft) in elevation in [Peru](#) and [Bolivia](#).^[1]

Cinchona calisaya

General Information

Peruvian bark is an evergreen shrub or small tree that can grow up to 8 metres tall[

[200](#)

].

The plant has long been used medicinally by the native people of S. America to treat fevers and a range of other conditions. The bark of this species, and several related species, has been shown to contain quinine, an effective antimalarial and febrifuge[

[238](#)

]. In the early 17th century, the Europeans became aware of the effectiveness of the bark of this tree in treating malaria and, over the next 200 years, the trees were greatly overexploited in the wild until commercial plantations were finally established in Java[

[238](#)

]. Largely replaced by synthetic drugs in the latter half of the 20th century, quinine has again become very important in treating malaria because various strains of malaria have developed resistance to the synthetics[

[238](#)

]. It is now grown in many tropical areas[

[254](#)

].

Known Hazards

Care must be taken in the use of this herb since excess can cause a number of side effects including cinchonism, headache, rash, abdominal pain, deafness and blindness[

[238](#)

]. The herb, especially in the form of the extracted alkaloid quinine, is subject to legal restrictions in some countries[

[238](#)

].

Botanical References

Range

Western S. America - Bolivia, Peru.

Habitat

Cool, humid, mountain regions[

[200](#)

]. Andean rainforests[

[418](#)

].

Properties

Edibility Rating



Medicinal Rating



Other Uses Rating



Habit

Evergreen Tree

Height

6.00 m

Cultivation Status Cultivated, Wild

Cultivation Details

A plant of the moist tropics, where it is found at elevations from 400 - 3,000 metres. It grows best in areas where annual daytime temperatures are within the range 17 - 24°C, but can tolerate 7 - 28°C[

[418](#)

]. It can be killed by temperatures of 5°C or lower[

[418](#)

]. It prefers a mean annual rainfall in the range 2,500 - 3,000mm, but tolerates 1,400 - 3,800mm[

[418](#)

].

Requires a well-drained, moist soil and a position in full sun or partial shade[

[238](#)

,
[418](#)

]. It grows very poorly or not at all on soils that have been exposed to fire[

[418](#)

]. Prefers a pH in the range 5 - 6, tolerating 4.5 - 6.5[

[418](#)

].

Plants start flowering after 3 - 4 years, and are uprooted and harvested after 8 - 12 years[

[418](#)

].

In commercial plantations, the trees are coppiced when about 6 years old[

[238](#)

].

Edible Uses

Quinine, extracted from the bark of the tree, is used as a bitter flavouring in tonic water and carbonated drinks[

[238](#)

].

Medicinal

Peruvian bark has a long history of native use, especially as a treatment for fevers and malaria. Modern research has shown it to be a very effective treatment for fevers, and especially as a treatment and preventative of malaria.

The bark contains various alkaloids, particularly quinine and quinidine. Up to 70 - 80% of the total alkaloids contained in the bark are quinine[

[418](#)

].

The bark is a bitter, astringent, tonic herb that lowers fevers, relaxes spasms, is antimalarial (the alkaloid quinine) and slows the heart (the alkaloid quinidine)[

[238](#)

].

The bark is made into various preparations, such as tablets, liquid extracts, tinctures and powders[

[238](#)

]. It is used internally in the treatment of malaria, neuralgia, muscle cramps and cardiac fibrillation[

[238](#)

]. It is an ingredient in various proprietary cold and influenza remedies[

[238](#)

]. The liquid extract is useful as a cure for drunkenness[

[418](#)

]. It is also used as a gargle to treat sore throats[

[238](#)

].

Large and too constant doses must be avoided, as they produce headache, giddiness and deafness[

[418](#)

].

Other Uses

The powdered bark is often used in tooth-powders, owing to its astringency[

[418](#)

].

Propagation

Seed -

Nodal softwood cuttings[

[200](#)

].

Cuttings of half-ripe wood in a sandy soil[

[200](#)

]. *Cinchona pubescens*

- [Language](#)
- [Watch](#)
- [Edit](#)

Cinchona pubescens, also known as **red cinchona** and **quina** (Quechua) ((in Spanish) *Cascarilla*, *cinchona*; (in Portuguese) *quina-do-amazonas*, *quineira*), is native to [Central](#) and [South America](#). It is known as a [medicinal plant](#) for its bark's high [quinine](#) content- and has

similar uses to [*Cinchona officinalis*](#) in the production of quinine, most famously used for treatment of [malaria](#).^[1]

C. pubescens has the widest distribution of all [Cinchona](#) species, with the native range spanning [Costa Rica](#), [Panama](#), [Venezuela](#), [Colombia](#), [Ecuador](#), [Peru](#), and [Bolivia](#).^[3] In Ecuador it is distributed within an altitude from 300–3,900 metres (980–12,800 ft). It also grows well in volcanic soil with high nutrient levels.^[4]

C. pubescens is a resilient species that is able to recover from even extreme damage. If the tree is felled but the stump is left, it can grow back new stalks.^[5] If the bark is removed and the xylem is exposed to the elements, the tree will grow the bark back. The tree can even grow back if roots that are left in the ground are larger than 2 cm in diameter.^[6]

It reproduces rapidly and spreads its seeds via wind. It reaches maturity and begins seeding in 4 years. Growing at a rate of 1–2 m per year, it quickly reaches a tall height where it can shade out the rest of the native plants. Adult trees grow much slower than juveniles.^[7]

From amazon.com

Description

Red Cinchona A large shrub or small tree native to Central and western South America between 300 and 3900 m elevation with large, ribbed leaves and clusters of small, pink flowers that are followed by winged fruits. *Cinchona pubescens* makes an attractive ornamental but can be highly invasive especially in island habitats. Its bark contains quinine, a substance used to treat malaria

So we now know that *Cinchona pubescens* has a high quinine content in it's bark and that *Cinchona calisaya* does as well. Stick to the types that we know have a good high quinine content rather than taking chances.

Red Quinine Tree Seeds (*Cinchona pubescens*) 100+Seeds

https://www.amazon.com/dp/B07N1CPXZT/ref=cm_sw_r_cp_apai_n6nFEb6TM1V3V

Check amazon.com and eBay for *Cinchona pubescens* bark and seeds.

1. [Treatment Options](#)

2. [Malaria](#)
3. [Quinine](#)
4. Dosage

Quinine Dosage

[Medically reviewed](#) by Drugs.com. Last updated on Mar 25, 2019.

- [Overview](#)
- [Side Effects](#)
- **Dosage**
- [More](#)

Applies to the following strengths: 260 mg; 324 mg; 325 mg; 200 mg

Usual Adult Dose for:

- [Malaria](#)

Usual Pediatric Dose for:

- [Malaria](#)

Additional dosage information:

- [Renal Dose Adjustments](#)
- [Liver Dose Adjustments](#)
- [Precautions](#)
- [Dialysis](#)
- [Other Comments](#)

Usual Adult Dose for Malaria

648 mg orally every 8 hours for 7 days

Comments:

-This drug has been effective in geographical regions with documented chloroquine resistance.

Use: Only for treatment of uncomplicated *Plasmodium falciparum* malaria

US CDC Recommendations: 542 mg base (650 mg sulfate salt) orally 3 times a day for 3 or 7 days

1. Name of the medicinal product

QUININE SULFATE TABLETS BP 300mg

2. Qualitative and quantitative composition

Each tablet contains 300mg Quinine Sulfate.

For the full list of excipients, see section 6.1.

3. Pharmaceutical form

Film-coated tablet.

White, circular, biconvex film-coated tablets with the identifying letters QD embossed on one face.

4. Clinical particulars

4.1 Therapeutic indications

1) Treatment of *falciparum* (malignant tertian) malaria.

2) Treatment and prevention of nocturnal leg cramps in adults and the elderly, when cramps cause regular disruption of sleep (see section 4.2 and section 4.4).

4.2 Posology and method of administration

Posology

For the treatment of *falciparum* (malignant tertian) malaria:

Adults (including elderly) and children aged 12 years and over: 600mg every eight hours for 7 days. The dose may depend upon the size of the patient, severity of infection, and evidence of renal or liver disease (when the intervals should be increased), due to a prolonged half-life of the drug.

If quinine resistance is known or suspected on completion of the course additional treatment may be given. This may be one of the following:

1. doxycycline 200mg daily (as a single dose or in 2 divided doses) for at least 7 days.
2. clindamycin 300mg four times daily for 5 days.

Children aged 10-12 years: 10mg/kg every eight hours for 7 days.

Children under 10 years: Not recommended

For the treatment and prevention of nocturnal leg cramps:

Adults (including elderly):

The recommended dose is 200mg at bedtime. The maximum dose is 300mg.

A reduction in frequency of leg cramps may take up to 4 weeks to become apparent. Patients should be monitored closely during the early stages of treatment for adverse effects. After an initial trial of 4 weeks, treatment should be stopped if there is no benefit. Treatment should be interrupted at approximately three monthly intervals to assess the need for continuation of treatment with quinine.

Method of Administration

For oral administration.

4.3 Contraindications

- Hypersensitivity to the active substance or to any of the excipients listed in section 6.1.
- Haemolysis or Haemoglobinuria
- Optic neuritis
- Tinnitus
- Myasthenia gravis, quinine may cause severe respiratory distress and dysphagia in these patients.

- As quinine has been implicated in precipitating blackwater fever, it is generally contraindicated in patients who have already suffered an attack.

4.4 Special warnings and precautions for use

Cinchonism

- Administration of quinine may give rise to cinchonism, which is generally more severe in overdose, but may also occur in normal therapeutic doses. Patients should be warned not to exceed the prescribed dose, because of the possibility of serious, irreversible side effects in overdose. Treatment for night cramps should be stopped if symptoms of cinchonism emerge. Such symptoms include tinnitus, impaired hearing, headache, nausea, and disturbed vision (see sections 4.8 and 4.9).

Hypersensitivity

- Hypersensitivity to quinine may also occur with symptoms of cinchonism together with urticaria, flushing, pruritus, rash, fever, angioedema, dyspnoea and asthma.
- Serious hypersensitivity reactions including Stevens-Johnson syndrome have been reported with quinine.

Cardiac disorders

- Quinine has dose-dependent QT-prolonging effects. Caution is recommended in patients with conditions which predispose to QT-prolongation and in patients with atrioventricular block. Quinine should be used with caution in patients with atrial fibrillation, heart block, other cardiac conduction defects, or other serious heart disease. Quinine may cause hypoprothrombinaemia and enhance the effects of anticoagulants.

Glucose-6-Phosphate Dehydrogenase (G-6-PD) Deficiency

- Quinine has been implicated in precipitating blackwater fever when given for prolonged periods, although in some cases, glucose-6-phosphate dehydrogenase deficiency may have been involved. Patients with glucose-6-phosphate dehydrogenase deficiency may be at increased risk of haemolysis during quinine therapy and may develop acute haemolytic anaemia. Quinine should not be withheld from pregnant women who have life threatening malaria (see section 4.6).
- Treatment with quinine should be monitored in case signs of resistance develop.
- Before use for nocturnal leg cramps, the risks, which include significant adverse effects and interactions (see above and Sections 4.5 and 4.8), should be carefully considered relative to the potential benefits. These risks are likely to be of particular concern in the elderly. Quinine should only be considered when cramps are very painful or frequent, when other treatable causes of cramp have been ruled out, and when non-pharmacological measures have not worked. Quinine sulfate should not be used for this indication during pregnancy (see Section 4.6).

- Quinine may cause unpredictable serious and life-threatening thrombocytopenia, which is thought to be an idiosyncratic hypersensitivity reaction. Quinine should not be prescribed or administered to patients who have previously experienced any adverse reaction to quinine, including that in tonic water or other beverages. Patients should be instructed to stop treatment and consult a physician if signs of thrombocytopenia such as unexplained bruising or bleeding occur.
- Reduce the dosage (or increase intervals between doses) in renal or hepatic disease.

4.5 Interaction with other medicinal products and other forms of interaction

Effect of other drugs on Quinine

Quinine is metabolised via hepatic oxidative cytochrome P450 pathways, predominantly by CYP3A4. There is the potential for increased Quinine toxicity with concurrent use of potent CYP3A4 inhibitors, which include azole antifungal drugs and HIV protease inhibitors. Sub-optimal Quinine serum levels may result from concomitant use of CYP3A4 inducers, which include rifampicin, barbiturates, carbamazepine and phenytoin. Care should be taken when Quinine is used in combination with other CYP3A4 substrates, especially those causing prolongation of the QT interval.

Caution is advised when administering quinine with drugs which could prolong the QT interval.

Quinine may increase the levels of phenobarbital and of carbamazepine. Patients should be monitored closely during concomitant use of quinine with these agents.

Effect of Quinine on other drugs

The plasma concentration of flecanide, digoxin and mefloquine may be increased.

Amantadine: Quinine can reduce the renal clearance of amantadine with risk of amantadine toxicity (including headache, nausea, dizziness).

Analgesics: increased risk of ventricular arrhythmias with levacetylmethadol (avoid concomitant use).

Ciclosporin: Quinine can decrease serum plasma concentrations of ciclosporin.

Cardiac glycosides: Quinine increases plasma concentrations of cardiac glycosides and reduced dosage of concomitant cardiac glycosides such as digoxin to half the maintenance dose may be necessary.

Other drug interactions

There is an increased risk of ventricular arrhythmias with other drugs which prolong the QT interval, including amiodarone, moxifloxacin, pimozide, thioridazine and halofantrine.

Antiarrhythmics: Concomitant use of amiodarone should be avoided due to the increased risk of ventricular arrhythmias. The plasma concentration of flecainide is increased by quinine. Concomitant use of quinidine may increase the possibility of cinchonism.

Antibacterials: There is an increased risk of ventricular arrhythmias when moxifloxacin is given with quinine. Rifampicin can reduce the serum levels of quinine, therefore reducing its therapeutic effect.

Anticoagulants: Quinine may cause hypoprothrombinaemia and enhance the effects of anticoagulants.

Caution is advised when administering quinine with drugs which could prolong the QT interval.

Antihistamines: Concomitant use of astemizole and terfenadine should be avoided due to the increased risk of ventricular arrhythmias.

Antimalarials: There may be an increased risk of side effects if quinine is used with other antimalarials, for example, chloroquine, halofantrine and mefloquine (increased risk of convulsions), although this should not prevent their use in severe cases. Quinine may increase the plasma concentration of mefloquine. Chloroquine and quinine appear to be antagonistic when given together for *P falciparum* malaria. There is an increased risk of ventricular arrhythmias with halofantrine.

Antipsychotics: There is an increased risk of ventricular arrhythmias and concomitant use should be avoided with pimozide or thioridazine.

Hypoglycaemics: There is an increased risk of hypoglycaemia when taken concurrently.

Suxamethonium: Quinine enhances the neuromuscular effects of suxamethonium.

Ulcer-healing drugs: Cimetidine inhibits quinine metabolism leading to increased plasma-quinine concentrations.

4.6 Fertility, pregnancy and lactation

Pregnancy

Large doses of quinine can induce abortion. Quinine may cause congenital abnormalities of the CNS and extremities. Following administration of large doses during pregnancy, phototoxicity and deafness have been reported in neonates. Quinine sulfate should not be used during pregnancy unless the benefits outweigh the risks.

Treatment of falciparum malaria: Pregnancy in a patient with malaria is not generally regarded as a contraindication to the use of quinine. As malaria infection is potentially serious during pregnancy and poses a threat to the mother and foetus, there appears to be little justification in withholding treatment in the absence of a suitable alternative.

Prophylaxis of nocturnal leg-cramps: Quinine sulfate should not be used during pregnancy to treat cramps.

Breastfeeding

Quinine sulfate is excreted in breast milk, but no problems in humans have been reported. . Infants at risk for glucose-6-phosphate dehydrogenase deficiency should not be breast-fed until this disease can be ruled out. However, quinine sulfate should not be given to nursing mothers unless the benefits outweigh the risks.

4.7 Effects on ability to drive and use machines

Quinine may cause visual disturbances and vertigo, hence patients should be advised that if affected they should not drive or operate machinery.

4.8 Undesirable effects

Adverse drug reactions are ranked by frequency, the most frequent first, using the following convention: very common ($\geq 1/10$); common ($\geq 1/100$ to $< 1/10$); uncommon ($\geq 1/1,000$ to $< 1/100$); rare ($\geq 1/10,000$ to $< 1/1,000$); very rare ($< 1/10,000$), not known (cannot be estimated from the available data).

<https://www.ebay.com/itm/264678711786>

The above link is to an eBay sale of quinine pills

-This drug has been effective in geographical regions with documented chloroquine resistance.

Use: Only for treatment of uncomplicated *Plasmodium falciparum* malaria

US CDC Recommendations: 542 mg base (650 mg sulfate salt) orally 3 times a day for 3 or 7 days

Comments:

- With doxycycline, tetracycline, or clindamycin, recommended as a preferred regimen for treatment of uncomplicated malaria due to chloroquine-resistant (or unknown resistance) *P falciparum* (or species not identified); in pregnant women, this drug should be used with clindamycin.
- With (primaquine or tafenoquine [Krintafel]) plus (doxycycline or tetracycline), recommended for treatment of uncomplicated malaria due to chloroquine-resistant *P vivax*; primaquine and tafenoquine must not be used during pregnancy.
- In pregnant women with uncomplicated malaria due to chloroquine-resistant *P falciparum* or *P vivax*, doxycycline or tetracycline may be used with this drug if other treatment options are not tolerated/not available and the benefits are deemed to outweigh the risks.
- If needed, as interim therapy for severe malaria until IV artesunate arrives
- The US manufactured quinine sulfate capsule is available in a 324-mg dosage; therefore, 2 capsules should be sufficient for adult dosing.
- Therapy should be continued for 7 days if infection was acquired in Southeast Asia, or for 3 days if acquired elsewhere.
- Current guidelines should be consulted for additional information.

Before taking quinine

Some medicines are not suitable for people with certain conditions, and sometimes a medicine may only be used if extra care is taken. For these reasons, before you start taking quinine it is important that your doctor knows:

- If you are pregnant, trying for a baby or breastfeeding.
- If you have any problems with your eyes, or with your hearing.
- If you have a heart condition, such as an irregular heart rhythm.
- If you have any problems with the way your kidneys work, or any problems with the way your liver works.
- If you have blood in your urine.
- If you have been told you have an imbalance of salt levels in your blood.
- If you have a condition causing muscle weakness, called myasthenia gravis.
- If you have glucose 6-phosphate dehydrogenase deficiency. This is a genetic disorder where there is a lack of an enzyme often known as G6PD. People with this disorder have problems after eating foods such as fava beans.

- If you are taking any other medicines. This includes any medicines you are taking which are available to buy without a prescription, as well as herbal and complementary medicines.
- If you have ever had an allergic reaction to a medicine, or if you have had a bad reaction to quinine in tonic water or any other soft drink.

Here are some links to some of the sources of the information I've read and included in this article.

<https://www.cabi.org/isc/datasheet/13484#tosummaryOfInvasiveness>

<https://www.drugs.com/dosage/quinine.html>

<https://patient.info/medicine/quinine-for-leg-cramps>

<https://www.drugs.com/international/quinine.html>

<https://www.drugs.com/uk/quinine-sulphate-tablets-200-mg-leaflet.html>

<http://tropical.theferns.info/viewtropical.php?id=Cinchona+calisaya>

<https://pfaf.org/user/Plant.aspx?LatinName=Cinchona+calisaya>

<https://www.amazon.com/Quinine-Tree-Seeds-Cinchona-pubescens/dp/B07N1CPXZT>

<https://nurserylive.com/en/plants/by-features-uses/medicinal-plants/cinchona-plants-in-india>

Buy chinchona pubescens quinine tree seeds online at the link below

<https://www.rarepalmseeds.com/cinchona-pubescens?search=Cinchona%20pubescens>

Below is an excellent link to a research paper on the effectiveness of Cinchona bark against malaria

https://www.researchgate.net/publication/313453153_Evaluating_Cinchona_bark_and_quinine_for_treating_and_preventing_malaria

<https://www.revolvy.com/folder/Antimalarial-agents/313815>

A good link below, to a research paper on quinine and it's use against malaria

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3121651/#!po=0.314465>

https://www.wikiwand.com/en/Timeline_of_malaria

Research paper on Cinchona bark against malaria

<https://www.jameslindlibrary.org/articles/four-early-clinical-studies-to-assess-the-effects-of-peruvian-bark/>

<https://www.infowars.com/coronavirus-spread-a-perfect-storm-of-malnourished-americans-big-pharma-control/>

<https://www.infowars.com/watch-live-govt-lockdown-from-absurdity-to-tyranny/>

<https://endtimetruth.com/new-world-order/>

<https://www.alt-market.com/index.php/articles/3949-trump-cannot-be-anti-globalist-while-working-with-global-elites>

<https://www.rxlist.com/cinchona/supplements.htm#>

This video speaks volumes about quinine effectiveness

<https://www.msn.com/en-us/health/medical/dr-oz-on-benefits-and-risks-of-using-hydroxychloroquine-off-label-to-treat-coronavirus/vi-BB11Fezp>

<https://food52.com/blog/10833-how-to-make-quinine-syrup-for-a-better-gin-and-tonic>

<https://www.webmd.com/vitamins/ai/ingredientmono-406/cinchona>

<https://forward.com/news/national/442285/coronavirus-hydroxychloroquine-trump-doctor/>

<https://www.foxnews.com/media/pence-fda-hydroxychloroquine-off-label-coronavirus>

<https://m.youtube.com/watch?v=blgvvqAj7Ac>

<http://www.surviveunagenda21depopulation.com/>

<http://www.globalistagenda.org/>

<http://www.globalistagenda.org/>

<https://www.infowars.com/how-viral-pandemic-benefits-the-globalist-agenda/>

<https://matzav.com/listen-dr-vladimir-zelenko-discusses-his-covid-19-treatment-with-sean-hannity/>

<https://www.globalresearch.ca/the-globalists-new-world-order-soft-and-hard-kill-methods-an-unknown-and-uncertain-future/5451356>

<https://m.youtube.com/watch?v=blgvvqAj7Ac>

<https://forward.com/news/national/442285/coronavirus-hydroxychloroquine-trump-doctor/>

<https://www.foxnews.com/media/dr-oz-on-hydroxychloroquine-the-u-s-government-respects-that-reality>

https://en.m.wikipedia.org/wiki/Schedula_Romana

https://en.m.wikipedia.org/wiki/Schedula_Romana

God bless you. Prepare. Resist. Survive.

