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This webpage curates content related to [a treatment protocol](#) that has been proposed by [Dr. Vladimir Zelenko](#) for the SARS-CoV-2 virus, using hydroxychloroquine, zinc sulfate, and azithromycin. Dr. Zelenko has recently created his own website [crowdprotocol.com](#) to facilitate medical research using crowd-sourced medical data from frontline primary care physicians from all around the world. He has also co-authored and submitted [his first paper](#) for publication. See [www.thezelenkoproto.com](#) for a press release. The website [c19study.com](#) is tracking research studies of hydroxychloroquine.

A recent [white paper by Dr. Simone Gold](#) has documented the safety profile of hydroxychloroquine. Dr. Harvey Risch, from the [Yale School of Public Health](#) (and more importantly, a Caltech alumnus), has also [published a peer reviewed paper](#) documenting that the aggregate of all research studies to date support the efficacy of the Zelenko protocol, when administered at the early stages of the disease. In doing so, [he was criticized by Yale colleagues](#) and [wrote a very strong response](#) explaining the fundamentals of the mechanism by which some studies have been used to confound, mislead, and manipulate.

The [Eastern Virginia Medical School](#) maintains an interesting website with current information for medical practitioners. They recommend an interesting [MATH+ treatment protocol](#) for hospitalized patients. They also recommend a quercetin protocol both for prophylaxis and at-home treatment for all patients, but do not recommend hydroxychloroquine protocol, as of June 2020. Both quercetin and hydroxychloroquine are zinc ionophores, however hydroxychloroquine has additional mechanisms of action. Note that Dr. Zelenko [recommends](#) that the hydroxychloroquine protocol should be prescribed only to at-risk patients, identified as such via specific [risk stratification criteria](#), and [recommends](#) the quercetin protocol for low-risk patients.

The graph below (retrieved from [c19study.com](#)) compares demographically normalized cumulative death curves between nations where the government endorsed using the Zelenko protocol and nations that have opted to discourage its use.

Selected research publications on HCQ protocol

- R. Derwand, M. Scholz, "[Does zinc supplementation enhance the clinical efficacy of chloroquine/hydroxychloroquine to win today's battle against COVID-19?](#)", *Medical Hypotheses* **142** (2020), 109815
- Risch, Harvey A, "[Early Outpatient Treatment of Symptomatic, High-Risk Covid-19 Patients that Should be Ramped-Up Immediately as Key to the Pandemic Crisis](#)", *American Journal of Epidemiology* (2020), accepted

- Shittu, M., Afolami, O. (2020). [Improving the efficacy of Chloroquine and Hydroxychloroquine against SARS-CoV-2 may require Zinc additives - A better synergy for future COVID-19 clinical trials](#). *Le infezioni in medicina* **28 (2)**, 192-197.
- Samia Arshad, Paul Kilgore, Zohra S. Chaudhry, Gordon Jacobsen, Dee Dee Wang, Kylie Huitsing, Indira Brar, George J. Alangaden, Mayur S. Ramesh, John E. McKinnon, William O'Neill, Marcus Zervos, Henry Ford COVID-19 Task Force: ["Treatment with Hydroxychloroquine, Azithromycin, and Combination in Patients Hospitalized with COVID-19"](#), *International Journal for Infectious Diseases*, in press
- Scholz, M.; Derwand, R.; **Zelenko, V.** ["COVID-19 Outpatients – Early Risk-Stratified Treatment with Zinc Plus Low Dose Hydroxychloroquine and Azithromycin: A Retrospective Case Series Study"](#). Preprints 2020, 2020070025 (doi: 10.20944/preprints202007.0025.v1).
- Jean-Christophe Lagier, Matthieu Million, Philippe Gautret, Philippe Colson, Sebastien Cortaredona, Audrey Giraud-Gatineau, Stephane Honore, Jean-Yves Gaubert, Pierre-Edouard Fournier, Herve Tissot-Dupont, Eric Chabriere, Andreas Stein, Jean-Claude Deharo, Florence Fenollar, Jean-Marc Rolain, Yolande Obadia, Alexis Jacquier, Bernard La Scola, Philippe Brouqui, Michel Drancourt, Philippe Parola, Didier Raoult, Sophie Amrane, Camille Aubry, Matthieu Bardou, Cyril Berenger, Laurence Camoin-Jau, Nadim Cassir, Claire Decoster, Catherine Dhiver, Barbara Doudier, Sophie Edouard, Stephanie Gentile, Katell Guillon-Lorvellec, Marie Hocquart, Anthony Lvasseur, Morgane Mailhe, Isabelle Ravaux, Magali Richez, Yanis Roussel, Piseth Seng, Christelle Tomei, Christine Zandotti: ["Outcomes of 3,737 COVID-19 patients treated with hydroxychloroquine/azithromycin and other regimens in Marseille, France: A retrospective analysis"](#), *Travel Medicine and Infectious Disease* (2020), 101791 (in press)
- Nijad Bakhshaliyev, Mahmut Uluganyan, Asim Enhos, Erdem Karacop, Ramazan Ozdemir, ["The effect of 5-day course of hydroxychloroquine and azithromycin combination on QT interval in non-ICU COVID19\(+\) patients"](#), *Journal of Electrocardiology*, 2020 (in press)

Other selected research publications

- Grant, W.B.; Lahore, H.; McDonnell, S.L.; Baggerly, C.A.; French, C.B.; Aliano, J.L.; Bhattoa, H.P. [Evidence that Vitamin D Supplementation Could Reduce Risk of Influenza and COVID-19 Infections and Deaths](#). *Nutrients* 2020, 12, 988
- Colunga Biancatelli Ruben Manuel Luciano, Berrill Max, Catravas John D., Marik Paul E., ["Quercetin and Vitamin C: An Experimental, Synergistic Therapy for the Prevention and Treatment of SARS-CoV-2 Related Disease \(COVID-19\)"](#), *Frontiers in Immunology* **11** (2020), 1451
- Pagliaro, M.; Meneguzzo, F., ["Hydroxychloroquine for the Treatment of COVID-19: Evidence, Possible Mode of Action and Industrial Supply of the Drug"](#). Preprints 2020, 2020040381 (doi: 10.20944/preprints202004.0381.v1).
- M. Gabriela M. Gomes, Rodrigo M. Corder, Jessica G. King, Kate E. Langwig, Caetano Souto-Maior, Jorge Carneiro, Guilherme Goncalves, Carlos Penha-Goncalves, Marcelo U. Ferreira, Ricardo Aguas, ["Individual variation in susceptibility or exposure to SARS-CoV-2 lowers the herd immunity threshold"](#), medRxiv 2020.04.27.20081893
- Wu, W.; Li, R.; Li, X.; He, J.; Jiang, S.; Liu, S.; Yang, J., ["Quercetin as an Antiviral Agent Inhibits Influenza A Virus \(IAV\) Entry"](#), *Viruses* **8** (2016), 6.

Documents from Dr. Zelenko

1. 03/23/2020: Dr. Zelenko's open letter to the medical professional community.
[\[pdf\]](#) || [\[original link\]](#)
2. 04/28/2020: Dr. Zelenko's second open letter to the medical professional community.
[\[pdf\]](#) || [\[original link\]](#)
3. 07/15/2020: Dr. Zelenko's open letter to the White House
[\[pdf\]](#) || [\[original link\]](#)
4. 08/13/2020: Dr. Zelenko's updated treatment protocol.
[\[pdf\]](#) || [\[original link\]](#) || (presentation: [\[youtube link\]](#))

White Papers

1. J.M Todaro, J. Krug, M.E. Praver, and V. Zelenko, "A two-step strategy to reopen America", April 2020, white paper
[\[pdf\]](#) || [\[original link\]](#)
2. S. Gold, "White Paper on Hydroxychloroquine", July 2020, white paper
[\[pdf\]](#) || [\[original link\]](#)

Quercetin protocol

Quercetin is an over-the-counter alternative zinc ionophore to the prescription drug hydroxychloroquine, that has been recommended by Dr. Seheult, from [medcram.com](#), as part of a prophylactic regimen. For more information see the video below.

- 04/21/2020: Coronavirus Pandemic Update 59: Dr. Seheult's Daily Regimen (Vitamin D, C, Zinc, Quercetin, NAC)
[\[youtube\]](#)

A similar Quercetin protocol has also been recommended by the [Eastern Virginia Medical School](#). Also see the [research paper by Dr. Marik](#) posted above for more details about quercetin, the importance of combining it with Vitamin C, and its safety profile. During the [08/09/2020 interview](#) with Rabbi Aryeh Katzin, Dr. Zelenko stated that the quercetin protocol is a good plan B option when HCQ is not available, and recommended a prophylactic protocol of 500mg Quercetin per day and 25mg elemental Zinc per day every day. He has also recommended a treatment protocol where elemental Zinc is increased to 50mg per day and Quercetin increased to 500mg two or three times a day along with a doctor prescribed antibiotic, until symptoms are gone. Although quercetin is available over-the-counter, you should [consult with a doctor](#) about [drug interactions](#) with your prescription medications.

Video updates from Dr. Vladimir Zelenko

Dr. Zelenko provides video updates on the [Rabbi Aryeh Katzin](#) youtube channel. As a precaution against social media censorship, the video updates have been backed up on bitchute, an alternate video platform that supports freedom of speech.

1. 04/19/2020: Dr. Zelenko on the latest statistical clinical outcomes of his treatment.
[\[youtube link\]](#) || [\[bitchute\]](#)

2. 04/30/2020: Dr. Zelenko responds to the VA study and his plans to publish his data in observational peer-reviewed research papers.
[\[youtube link\]](#) | | [\[bitchute\]](#)
3. 05/03/2020: Updates on the adoption of Dr. Zelenko's treatment protocol by Honduras, Brazil, Ukraine, Israel, Italy, Turkey, Iran, as well as ongoing current research efforts. He also explains the mechanism of action underlying his treatment regimen.
[\[youtube link\]](#) | | [\[bitchute\]](#)
4. 05/12/2020: Update focuses on policy recommendations for dealing with a likely second wave of the SARS-CoV-2 virus.
[\[youtube link\]](#) | | [\[bitchute\]](#)
5. 05/17/2020: Update on the efficacy of adding zinc to the hydroxychloroquine treatment. Dr. Zelenko explains his prophylactic protocol using hydroxychloroquine and zinc at a reduced dosage. Also some autobiographical notes about the importance of thinking outside the box when facing an unusual challenge.
[\[youtube link -- part 1\]](#) | | [\[youtube link -- part 2\]](#) | | [\[bitchute -- part 1\]](#) | | [\[bitchute -- part 2\]](#)
6. 05/24/2020: Latest updates on collaboration with Brazil, comments on Lancet study, [crowdprotocol.com](#), opening the economy safely, availability of medications, quercetin, dosage of elemental zinc, and the clinical trial at St. Francis hospital.
[\[youtube link\]](#) | | [\[bitchute\]](#)
7. 05/28/2020: Latest updates on research publication, the politics of censorship, and the meaning of life.
[\[youtube link\]](#) | | [\[bitchute\]](#)
8. 06/09/2020: Dr. Zelenko on the Lancet, NEJM [Retracted Studies](#) on the hydroxychloroquine treatment protocol. Also other updates and commentary.
[\[youtube link\]](#) | | [\[bitchute\]](#)
9. 06/21/2020: Dr. Zelenko comments on the revocation of the Emergency Use Authorization of hydroxychloroquine by the FDA. Announces that his research paper has been submitted for publication and a preprint will be published soon. Also some very interesting comments on the spiritual basis of what motivates him.
[\[youtube link\]](#) | | [\[bitchute\]](#)
10. 07/03/2020: Dr. Zelenko shares the good news that his first paper is now publicly available in preprint form.
[\[youtube link\]](#) | | [\[bitchute\]](#)
11. 07/10/2020: Dr. Zelenko communicates some optimism amongst all the fearmongering. World leaders are aware of his research paper. Dr. Zelenko announces his website [thezelenkoprocol.com](#) and encourages that we reach out to our political leaders.
[\[youtube link\]](#) | | [\[bitchute\]](#)
12. 07/10/2020: This video has no new medical information but is still very interesting. Defeating this pandemic now comes down to making moral choices: service to self vs service to others.
[\[youtube link\]](#) | | [\[bitchute\]](#)
13. 07/21/2020: Dr. Zelenko speaks about the purpose of life while in anticipation of open heart surgery. This is a very heartfelt and deep video about both the current pandemic, and more broadly about living on a razor's edge between chaos and order.
[\[youtube link\]](#) | | [\[bitchute\]](#)
14. 08/06/2020: Dr. Zelenko gives his latest update about the FDA rules on EUA, research studies on HCQ, and social media censorship.
[\[youtube link\]](#) | | [\[bitchute\]](#)

15. 08/09/2020: Dr. Zelenko updates us on his [White House petition](#), gives the dosage recommendation for prophylactic and treatment quercetin protocols, and suggests possible RCT studies to determine whether his HCQ protocol can be used against the influenza virus.
[\[youtube link\]](#) || [\[bitchute\]](#)
16. 08/10/2020: Dr. Zelenko updates us about several topics, including the current political situation with HCQ, the quercetin protocol, his use of ivermectin and anti-coagulants as adds-on to the Zelenko protocol, the second SARS-CoV-2 wave, vaccine safety and effectiveness, and the telemed program by Dr. Jerome Corsi.
[\[youtube link\]](#) || [\[bitchute\]](#)
17. 08/12/2020: Dr. Zelenko comments on the FDA decision to deny the Henry Ford Health System request to use hydroxychloroquine
[\[youtube link\]](#) || [\[bitchute\]](#)
18. 08/16/2020: Dr. Zelenko presents his [updated treatment protocol](#), incorporating the quercetin protocol for low-risk patients, and additional medications to the baseline Zelenko protocol for select patients.
[\[youtube link\]](#) || [\[bitchute\]](#)

Other interviews

1. 04/25/2020: Dr. Dave Janda speaks with Michigan Rep. Karen Whitsett about her recent experiences with surviving the SARS-CoV-2 virus.
[\[youtube link\]](#)
2. 08/04/2020: Dr. Zelenko interviewed by Debbie Aldrich on the war against hydroxychloroquine.
[\[youtube link\]](#)

Other news

- 04/10/2020: 1305 physicians [signed a letter \[local back-up copy\]](#) sent to President Trump supporting an EUA for hydroxychloroquine both for prophylaxis and outpatient treatment.
- 04/25/2020: Investigative journalist [Dr. Jerome Corsi](#) created a telemedicine network [speakwithanmd.com](#) for patients that wish to consult online with a primary care medical doctor, while sheltering at home.
- 05/17/2020: Dr. Zelenko has explained the details of a prophylactic protocol using a reduced dosage of hydroxychloroquine and zinc in his interview with Rabbi Aryeh Katzin, dated May 17.
- 05/27/2020: Dr. Harvey Risch from the [Yale School of Public Health](#) has published [a peer reviewed review paper](#) that shows that the aggregate of the research literature published to date strongly supports the adoption of Dr. Zelenko's treatment protocol.
- 06/02/2020: Read about the [AAPS \(American Association of Physicians and Surgeons\) vs FDA lawsuit](#). Lawsuit document makes for very [interesting reading](#). The FDA subsequently revoked the EUA, challenged by the lawsuit, which is explained further by Dr. Zelenko in the interview above, dated 06/21/2020.
- 06/04/2020: Lancet study used to temporarily suspend some hydroxychloroquine clinical studies [has been retracted](#).
- 06/22/2020: Dr. Zelenko's [crowdprotocol.com](#) website is now live.
- 06/22/2020: AAPS (American Association of Physicians and Surgeons) [seeks a preliminary injunction](#) against the FDA and HHS to compel the release to the public of hydroxychloroquine for off-label use.

- 07/01/2020: A [major retrospective study](#) by the [Henry Ford Health System](#) in Detroit, MI [has shown that](#) when hydroxychloroquine is immediately given to patients upon hospital admission, mortality rates are reduced by a factor of 2.
- 07/03/2020: Dr. Zelenko's first paper [is now available in preprint](#). The data shows that Dr. Zelenko's protocol reduces mortality rates by a factor of 10.
- 07/06/2020: Henry Ford physicians, researchers, and ethicists have filed an [urgent application \[backup copy\]](#) with FDA Commissioner Dr. Hahn for a new Emergency Use Authorization (EUA) for early, out-patient HCQ use in COVID-19. Baylor Scott & White Heart and Vascular Institute in Dallas [issued an urgent letter in support of the Henry Ford new outpatient EUA application \[backup copy\]](#), based on the remarkably positive outcomes in their own clinical study of prophylactic use of HCQ in their own medical workers.
- 07/28/2020: A group of medical doctors organized by [Dr. Simone Gold \(twitter link\)](#) spoke out publicly [about the effectiveness of HCQ](#), but [were censored by social media](#) because they contradicted the official position of the World Health Organization. Freedom of speech and open debate is the bedrock of the free world, especially in the midst of a major crisis where human creativity is essential for securing a Victory of Life.
- 08/09/2020: Several Yale professors sign a ["public letter of concern"](#) against [Dr. Harvey Risch](#) that is [riddled with trivially obvious logical errors and fallacies](#).
- 08/11/2020: AAPS [takes their lawsuit against the FDA](#) to the Sixth Circuit Court of Appeals with a [petition for a Writ of Mandamus](#).
- 08/12/2020: Dr. Risch [published a response](#) to personal attacks that very clearly explains in simple terms how studies have been used to misrepresent the effectiveness of hydroxychloroquine.
- 08/12/2020: A very well-written [open letter to Dr. Fauci](#) is published by Dr. Gorge Fareed, Dr. Michael Jacobs, and Dr. Donald Pompan.
- 08/13/2020: The [EUA application](#) submitted by the Henry Ford Health System [was unfortunately denied by the FDA](#), in spite of President Trump [using this treatment himself](#).
- 08/13/2020: Texas Rep. Louie Gohmert [uses hydroxychloroquine](#) to save his life.
- 08/13/2020: In New Zealand, [all new confirmed SARS-CoV-2 will be placed in "quarantine facilities"](#). This means that people will be forcibly removed from their homes to death camps where they could be denied the freedom to pursue early treatment protocols not blessed by the World Health Organization, such as the Zelenko protocol. It also means that your spouse or kids may be forcibly separated from you.

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