

# Ivermectin as Repurposed Anti-Viral Drug

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# Ivermectin Antiparasitic - Nobel Prize

- 1981 William C. Campbell and Satoshi Ōmura Discover Ivermectin.
- 1987 FDA Approved Antiparasitic (human).
- 2015 Nobel Prize in Medicine
- “Astonishingly safe... Wonder drug ... one of the Greatest Medical Accomplishments of the 20th Century.”
- Eliminates Onchocerciasis River Blindness, Lymphatic Filariasis (Elephantiasis)

Crump, Andy, and Satoshi Omura. “Ivermectin, Wonder Drug from Japan: the human use perspective.” Proceedings of the Japan Academy, Series B 87.2 (2011): 13-28.

# Ivermectin Safety

- Ivermectin is one of the safest drugs in the world !!



September 15 to 20, 2016. Community volunteers distribute Ivermectin to villagers in the District of Aboisso, southeast Cote d'Ivoire, as part of a nationwide mass campaign aimed at eliminating neglected tropical diseases . Courtesy of USAID in Africa.

# Lymphatic Filariasis (Elephantiasis)



Brown, K. R., F. M. Ricci, and E. A. Ottesen. "Ivermectin: effectiveness in lymphatic filariasis." *Parasitology* 121.S1 (2000): S133-S146.

<https://lstmed.ac.uk/research/topics/onchocerciasis>

# IVM used by > 200 million against River Blindness (Onchocerciasis)

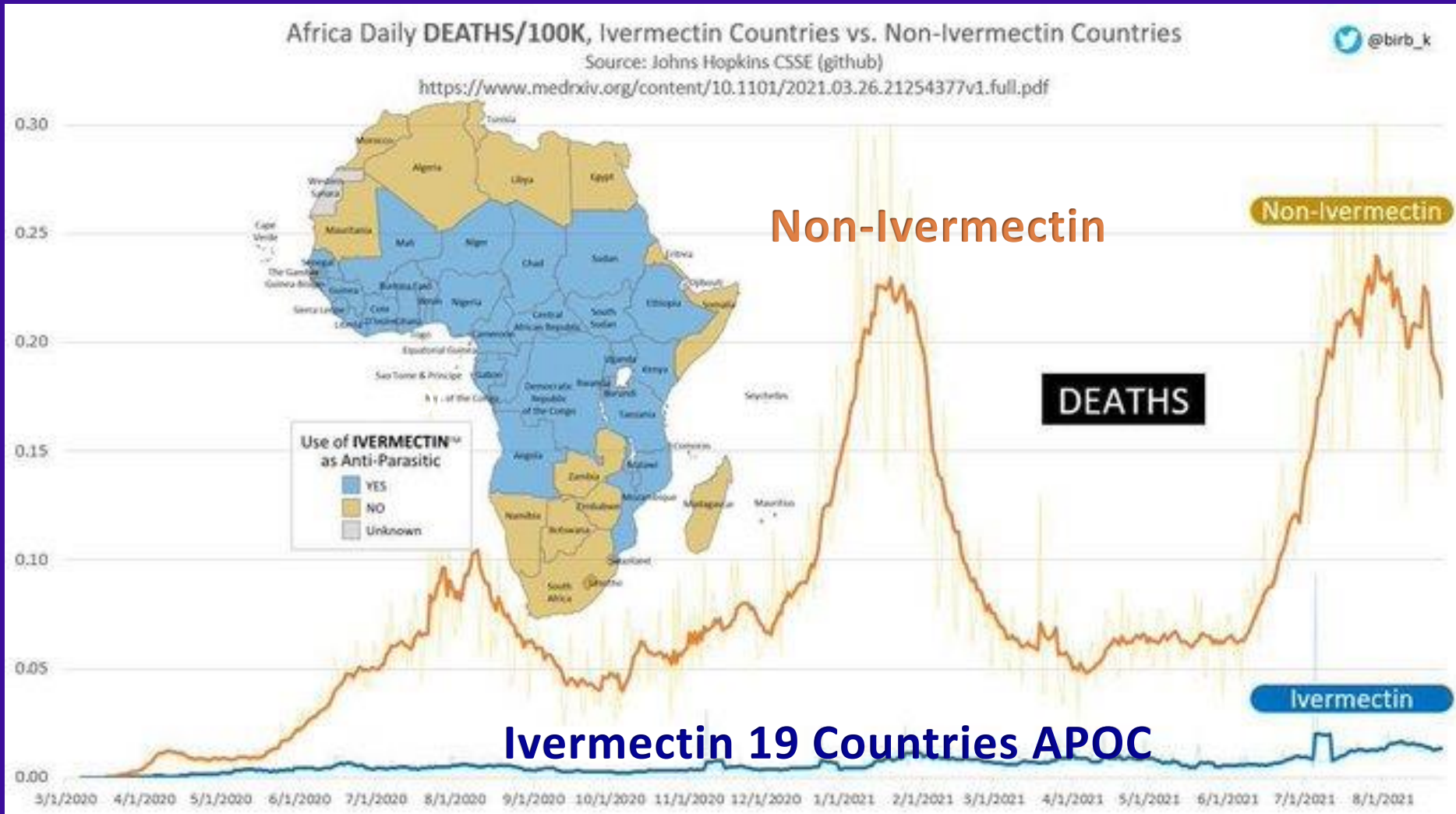


Melotti, Alice, et al. "The river blindness drug I vermectin and related macrocyclic lactones inhibit WNT-TCF pathway responses in human cancer." *EMBO molecular medicine* 6.10 (2014): 1263-1278. <https://radiotamazuj.org/en/news/article/about-250-people-suffer-from-river-blindness-disease-in-aweil>

# Africa Ivermectin Vs Non-IVM

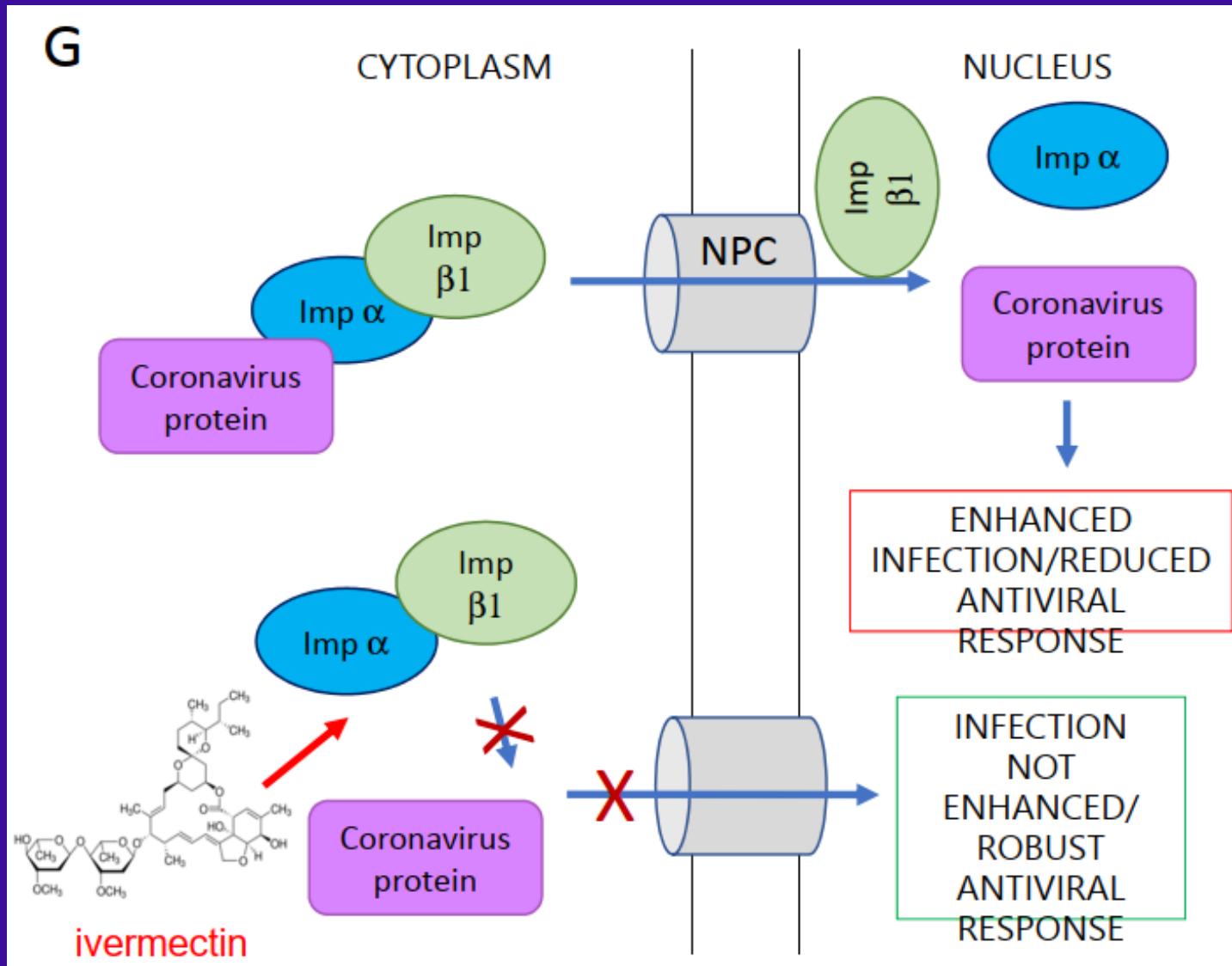
- Data from 19 countries that participated in the World Health Organization (WHO) sponsored African Programme for Onchocerciasis Control (APOC), from 1995 until 2015, were compared with thirty-five (Non-APOC),

# Africa Ivermectin (APOC) Vs Non-APOC



Guerrero, Rodrigo, et al. "COVID-19: The ivermectin African enigma." *Colombia Médica* 51.4 (2020). 19 Countries WHO African Programme for Onchocerciasis Control (APOC),

# Ivermectin Anti-Viral Mechanism



Caly, Leon, et al. "The FDA-approved drug ivermectin inhibits the replication of SARS-CoV-2 in vitro." *Antiviral research* 178 (2020): 104787.



# Ivermectin Anti-Viral Mechanism

- IVM Blocks Viral Entry to Cells, IVM binds to the Spike protein of the virus making it unavailable to bind with CD147, and ACE Receptors. (Lehrer,2020)
- Ivermectin Blocks Viral Entry to Nucleus of Human Cells.(Zaida, 2021)
- Anti-Inflam: Inhibits NF-kB, IL-6,TNF (Zhang, 2008)

Lehrer, Steven, and Peter H. Rheinstein. "Ivermectin docks to the SARS-CoV-2 spike receptor-binding domain attached to ACE2." *in vivo* 34.5 (2020): 3023-3026.

Zaidi, Asiya Kamber, and Puya Dehgani-Mobaraki. "The mechanisms of action of Ivermectin against SARS-CoV-2: An evidence-based clinical review article." *The Journal of Antibiotics* (2021): 1-13.

Zhang, X., et al. "Ivermectin inhibits LPS-induced production of inflammatory cytokines and improves LPS-induced survival in mice." *Inflammation Research* 57.11 (2008): 524-529.

## Ivermectin In Viro Study Covid-19 5000 Fold Reduction

- We report here that Ivermectin, an FDA-approved anti-parasitic previously shown to have broad-spectrum anti-viral activity *in vitro*, is an inhibitor of the causative virus (SARS-CoV-2), with a single addition to Vero-hSLAM cells 2 h post infection with SARS-CoV-2 able to effect
- ~5000-fold reduction in viral RNA at 48 h.

Caly, Leon, et al. "The FDA-approved drug ivermectin inhibits the replication of SARS-CoV-2 *in vitro*." *Antiviral research* 178 (2020): 104787.

# IVM Effective for Many Viruses:

- Avian influenza A Virus
- Influenza
- Respiratory Syncytial Virus
- Dengue virus
- Yellow fever virus
- West Nile virus
- Hendra virus
- Newcastle virus
- Venezuelan Equine Encephalitis
- Chikungunya virus
- Semliki forest virus
- Sindbis virus
- HIV Type 1 virus
- Pseudorabies virus
- BK Polyomavirus
- Porcine reproductive and respiratory syndrome virus.
- SARS-CoV-2 and variants

Zaidi, Asiya Kamber, and Puya Dehgani-Mobaraki. "The mechanisms of action of Ivermectin against SARS-CoV-2: An evidence-based clinical review article." *The Journal of Antibiotics* (2021): 1-13.

# IVM Animal Models COVID-19

- “Sharp reductions in morbidity using IVM were also observed in two animal models, of SARS-CoV-2 and a (3<sup>rd</sup> ) related betacoronavirus”. (Santin. 2021)

Santin, Alessandro D., et al. "Ivermectin: a multifaceted drug of Nobel prize-honored distinction with indicated efficacy against a new global scourge, COVID-19." *New Microbes and New Infections* (2021): 100924. A. D. Santin<sup>1</sup>, D. E. Scheim<sup>2</sup>, P. A. McCullough<sup>3</sup>, M. Yagisawa<sup>4</sup> and T. J. Borody<sup>5</sup>

de Melo, Guilherme Dias, et al. "Anti-COVID-19 efficacy of ivermectin in the golden hamster." *BioRxiv* (2020).[11]

Arévalo AP, et al. Ivermectin reduces in vivo coronavirus infection in a mouse experimental model. *Scient Reports* 2021;11(1):7132.

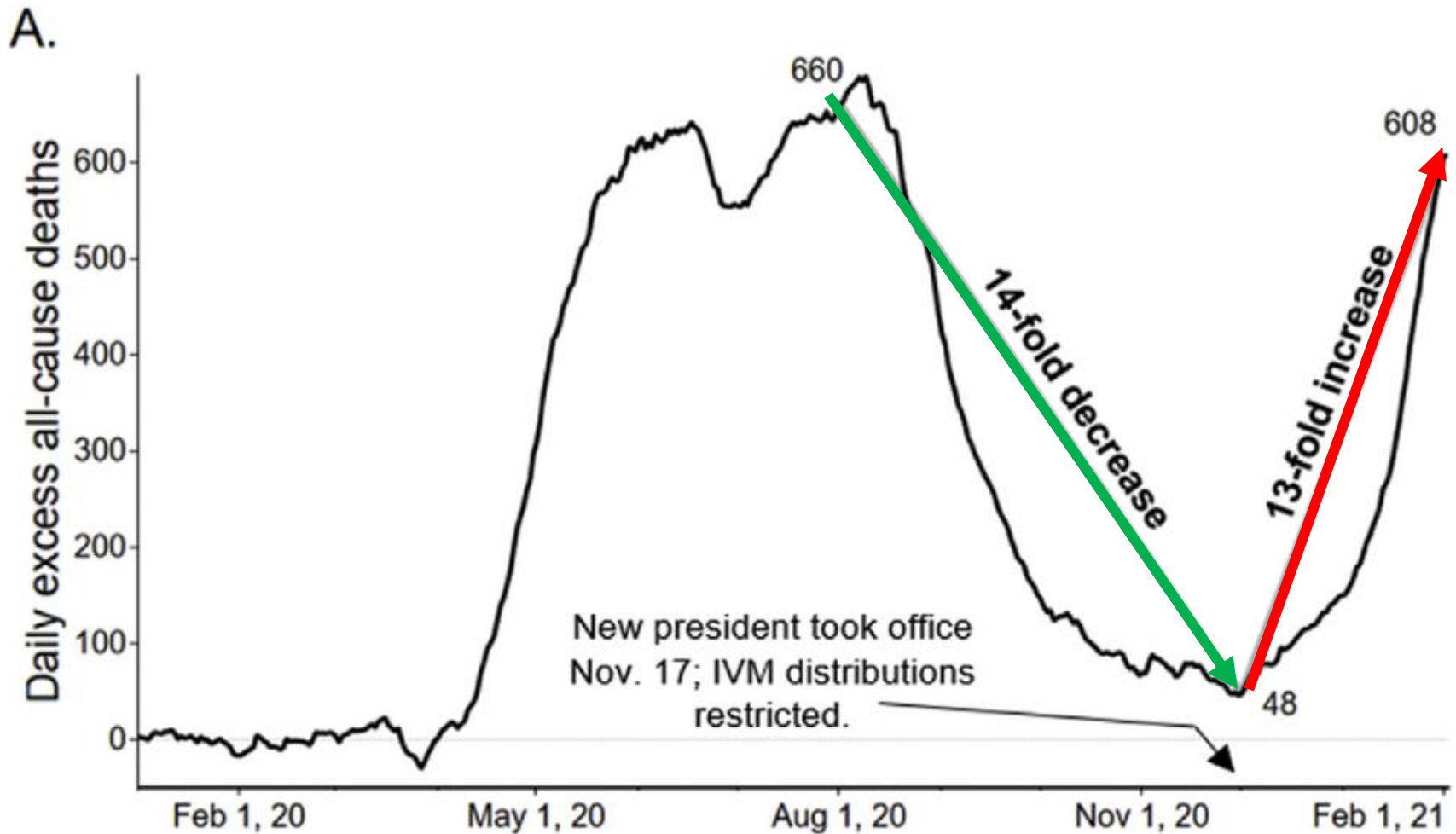
Kazi L et al Expression of hemagglutinin esterase protein from recombinant mouse hepatitis virus enhances neurovirulence. *J Virol* 2005;79(24):15064–73

# Evidence of IVM Efficacy for COVID-19 in Humans

- Types of Studies:
- 1) **18 randomized controlled treatment trials of ivermectin in COVID-19.**
- 2) numerous controlled **prophylaxis trials.**
- **3) Distribution campaigns.**

Kory, Pierre, et al. "Review of the Emerging Evidence Demonstrating the Efficacy of Ivermectin in the Prophylaxis and Treatment of COVID-19." *American Journal of Therapeutics* 28.3 (2021): e299.

# Peru Distribution IVM Campaign



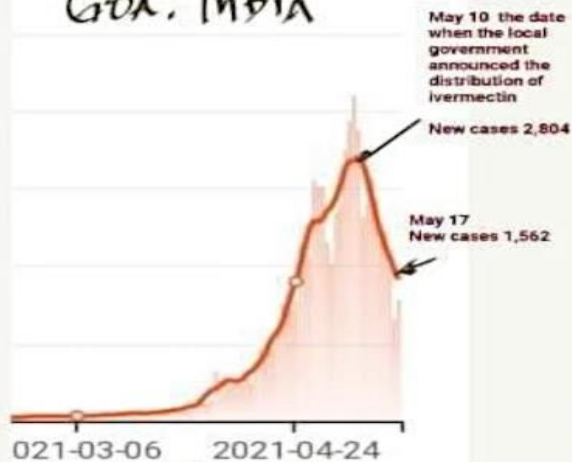
Chamie-Quintero, Juan, Jennifer A. Hibberd, and David Scheim. "Ivermectin for COVID-19 in Peru: 14-fold reduction in nationwide excess deaths,  $p = .002$  for effect by state, then 13-fold increase after ivermectin use restricted." (2021).

# India IVM Distribution Campaign

- 4/28/21 India Ministry of Health Recommends Early Rx w/ IVM.
- Delhi Decline in Cases by 99 percent.
- Uttar Pradesh by 98 percent
- Uttarakhand by 97 percent
- Goa by 90 percent.
- Tamil Nadu opted out of Ivermectin, Cases rose to the highest in India, and Mortality increased ten-fold.

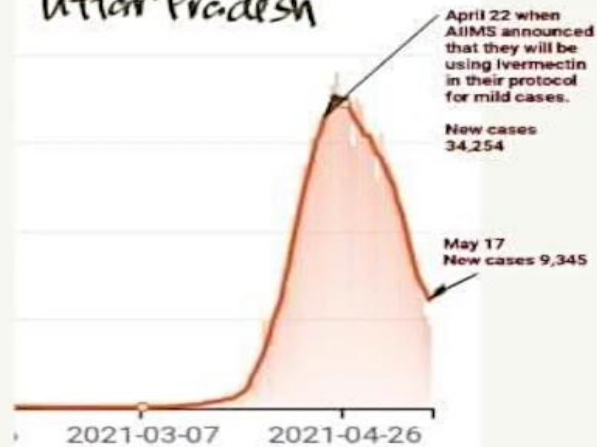
Indian Bar Association sues WHO scientist over Ivermectin by Justus R. Hope, MD Jun 7, 2021 Updated Jun 10, 2021 [https://www.thedesertreview.com/opinion/columnists/indian-bar-association-sues-who-scientist-over-ivermectin/article\\_f90599f8-c7be-11eb-a8dc-0b3cbb3b4dfa.html](https://www.thedesertreview.com/opinion/columnists/indian-bar-association-sues-who-scientist-over-ivermectin/article_f90599f8-c7be-11eb-a8dc-0b3cbb3b4dfa.html)

## Goa, India



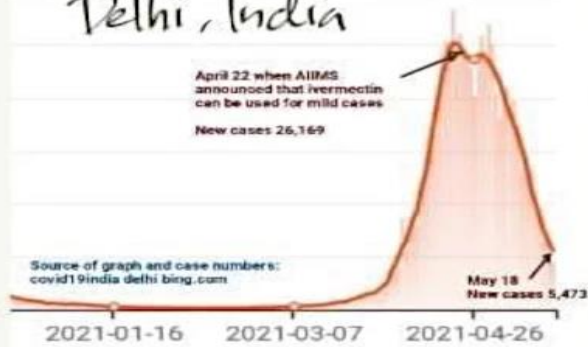
Source of graph and case numbers:  
covid19india goa bing.com

## Uttar Pradesh



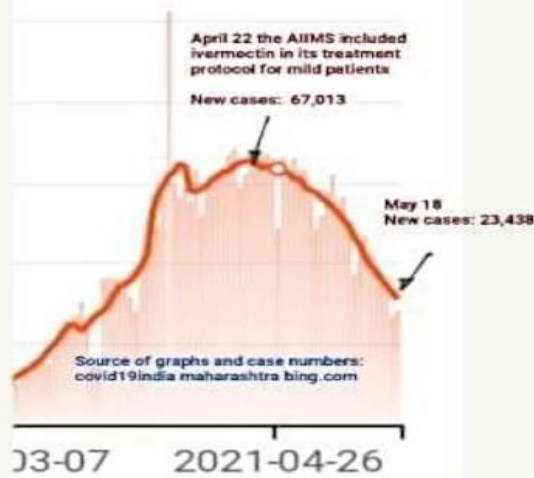
Source of graph and case numbers:  
covid19india uttar pradesh bing.com

## Delhi, India



Source of graph and case numbers:  
covid19india delhi bing.com

## Maharashtra, India



Out of desperation according to the scoffers of Ivermectin...these Indian states decided to include Ivermectin in their covid 19 protocol.

The graphs include the timeline when the AIIMS issued a guideline for the use of Ivermectin for home care.

The results...consistent in all the 4 states which adopted it despite WHO warnings that it should not be used.

Coincidence that their cases dropped so significantly? You be the judge.





# ● Sept 4, 2021 – 24 Covid-19 Free Districts in Utter Pradesh India

Last Updated: 4th September, 2021 13:24 IST

## Uttar Pradesh: 24 Districts Now COVID-free With Zero Active Patients

Uttar Pradesh has made a remarkable recovery after the second wave of COVID-19 and it seems the state of the country might be able to achieve zero COVID19 cases

Written By [Aayush Anandan](#)



# Compare India with Israel !!!!

<https://www.republicworld.com/india-news/general-news/uttar-pradesh-24-districts-now-covid-free-with-zero-active-patients.html>

# Chiapas vs every other State in Mexico

## COVID-19 in MEXICO

Source: <https://www.gob.mx/salud/documentos/datos-abiertos-152127Questions?>

Analyst: Juan Chamie [juanjamie@gmail.com](mailto:juanjamie@gmail.com)

Deaths per 100,000 people before August 1st 2020    Deaths per 100,000 people after August 1st 2020

● **Chiapas is the Only State  
Distributing Ivermectin  
starting July 2020**



Epidemiologic Analyses on COVID-19 and Ivermectin Published on May 13, 2021 Written by Juan Chamie <https://principia-scientific.com/epidemiologic-analyses-on-covid-19-and-ivermectin/>



# Ivermectin Generic Stromectol, Soolantra

**IVERMECTIN** is an anti-infective. It is used to treat infections of some parasites. The lowest G version of ivermectin is around \$29.72, 71% off the average retail price of \$105.33. Compare a

Prescription Settings

ivermectin (generic) ▾

tablet ▾

3mg ▾

20 tablets ▾

**Alert:** The FDA has not approved ivermectin for treating or preventing COVID-19 in humans. [L](#)

## Free Coupons

Prices as low as \$29.72

## Savings Clubs ⓘ

Prices as low as \$31.62

Prices

Medicare

Drug Info

Side Effects

Images

[Set your location](#) for drug prices near you

**CVS Pharmacy**

\$93 retail  
Save 61%

**\$35.83**  
with free coupon

**Walgreens**

\$142 retail  
Save 75%

**\$34.83**  
with free coupon

**Target (CVS)**

\$95 retail  
Save 62%

**\$35.83**  
with free coupon

# 18 RCT's on IVM for COVID-19 in Humans

- **“18 Randomized Controlled Treatment trials of ivermectin** in COVID-19 have found large, statistically significant reductions in mortality, time to clinical recovery, and time to viral clearance.
- **Numerous controlled prophylaxis trials** report significantly reduced risks of contracting COVID-19 with the regular use of ivermectin.
- **Ivermectin distribution campaigns** lead to rapid population-wide decreases in morbidity and mortality.”  
(Kory, Pierre, 2021)

Kory, Pierre, et al. "Review of the Emerging Evidence Demonstrating the Efficacy of Ivermectin in the Prophylaxis and Treatment of COVID-19." *American Journal of Therapeutics* 28.3 (2021): e299.

# \* References Ivermectin for Covid

Bryant, Andrew, et al. "Ivermectin for prevention and treatment of COVID-19 infection: a systematic review, meta-analysis and trial sequential analysis to inform clinical guidelines." (2021).

Kory, Pierre, et al. "Review of the Emerging Evidence Demonstrating the Efficacy of Ivermectin in the Prophylaxis and Treatment of COVID-19." *American Journal of Therapeutics* 28.3 (2021): e299.

Lima-Morales, René, et al. "Effectiveness of a multidrug therapy consisting of Ivermectin, Azithromycin, Montelukast, and Acetylsalicylic acid to prevent hospitalization and death among ambulatory COVID-19 cases in Tlaxcala, Mexico." *Int J of Infect Dis* 105 (2021): 598-605. Patients treated with TNR4 had a **75% and 81% lower risk of being hospitalized or death**, respectively, than the comparison group.

Hill, Andrew, et al. "Meta-analysis of randomized trials of ivermectin to treat SARS-CoV-2 infection." (2021). In six randomized trials of moderate or severe infection, there was a **75% reduction in mortality** with favorable clinical recovery and reduced hospitalization.

Ivermectin reduces the risk of death from COVID-19 -a rapid review and meta-analysis in support of the recommendation of the Front Line COVID-19 Critical Care Alliance. (Latest version v1.2 – 6 Jan 2021)

January 2021 Project: Ivermectin to prevent and treat COVID-19 Authors: **Theresa A Lawrie**

Dixit, Alok, Ramakant Yadav, and Amit Vikram Singh. "Ivermectin: potential role as repurposed drug for COVID-19." *The Malaysian journal of medical sciences: MJMS* 27.4 (2020): 154.

Chamie-Quintero, Juan, Jennifer A. Hibberd, and David Scheim. "Ivermectin for COVID-19 in Peru: 14-fold reduction in nationwide excess deaths then 13-fold increase after ivermectin use restricted." (2021).

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Lehrer, Steven, and Peter H. Rheinstein. "Ivermectin docks to the SARS-CoV-2 spike receptor-binding domain attached to ACE2." *in vivo* 34.5 (2020): 3023-3026.

Hellwig, Martin D., and Anabela Maia. "A COVID-19 Prophylaxis? Lower incidence associated with prophylactic administration of Ivermectin." *Int journal of antimicrobial agents* 57.1 (2021): 106248.

Arévalo, A. P., et al. "Ivermectin reduces in vivo coronavirus infection in a mouse experimental model."

*Scientific Reports* 11.1 (2021): 1-12.

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# \* References Vit D3 for Covid

- Campi, Irene, et al. "Vitamin D and COVID-19 severity and related mortality: a prospective study in Italy." *BMC Infectious Dis* 21.1 (2021)
- Oscanoa, Teodoro J., et al. "The relationship between the severity and mortality of SARS-CoV-2 infection and 25-hydroxyvitamin D concentration—a metaanalysis." *Advances in respiratory medicine* 89.2 (2021): 145-157.
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- Benskin, Linda. "Basic Review of Evidence Covid-19 Risk and Severity is Increased in Vitamin D Deficiency." (2020).
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- Laird, E.J. "Vitamin D and inflammation: potential implications for severity of COVID-19." *Ir Med J* 113.5 (2020): 81.
- Liu, Guoqiang, Tianpei Hong, and Jin Yang. "A Single Large Dose of Vitamin D Could be Used as a Means of Coronavirus Disease 2019 Prevention and Treatment." *Drug Design, Development and Therapy* 14 (2020): 3429-3434.
- Martineau, Adrian "Vitamin D for COVID-19: a case to answer?" *The Lancet. Diabetes & Endocrinology* (2020).
- Shakoor, Hira, et al. "Immune-boosting role of vitamins D, C, E, zinc, selenium and omega-3 fatty acids: could they help against COVID-19?" *Maturitas* (2020).
- Ilie, Petre Cristian, Simina Stefanescu, and Lee Smith. "The role of vitamin D in the prevention of coronavirus disease 2019 infection and mortality." *Aging Clinical and Experimental Research* (2020): 1-4.
- Meltzer, David "Association of Vitamin D Deficiency and Treatment with COVID-19 Incidence." *medRxiv* (2020)

# Covid 19 Prevention and Early Treatment Protocols

# Covid 19 Neutraceutical Prevention Protocol

- Zinc with Quercetin 2 caps a day (800 mg Quercetin and 22 mg Zinc)
- Vitamin D3 10,000 iu per day. \*
- Vitamin A 25,000 iu take one softgel a day
- Vitamin C 1/2 teaspoon daily mixed in juice (1500-3,000 mg per day)

Ahmed, Amr K., et al. "Effects of quadruple therapy: Zinc, quercetin, bromelain and vitamin C on the clinical outcomes of patients infected with COVID-19." *Res. Int. J. Endocrinol. Diabetes* 1 (2020): 18-21.

Infante, Marco, et al. "Low Vitamin D status at admission as a risk factor for poor survival in hospitalized patients with COVID-19: an Italian retrospective study." *Journal of the American College of Nutrition* (2021): 1-16.

Liu, Nanyang, et al. "Low vitamin D status is associated with coronavirus disease 2019 outcomes: A systematic review and meta-analysis." *International Journal of Infectious Diseases* (2021).



# Ivermectin Early Treatment Protocols

- FLCCC I-MASK I-MATH Protocol (1)
- Vladimir Zelenko Protocol (2)
- Peter McCullough MD, AAFS Guidelines (3)
- Multi-Drug Treatment Protocol:
  - Monoclonal Antibody Infusion
  - Ivermectin
  - Z-Pack (Azithromycin)
  - Aspirin 325 mg/day
  - Prednisone (after day 5)
  - NAD Drip , Vitamin Drip

1) <https://covid19criticalcare.com/covid-19-protocols/> Paul E. Marik, M.D., FCCM, FCCP , Endowed Professor of Medicine, Chief, Div. of Pulmonary & Critical Care Medicine, Eastern Virginia Medical School Norfolk, Virginia and Pierre Kory, M.D., M.P.A. Pulmonary and Critical Care Specialist President, Frontline COVID-19 Critical Care Alliance (FLCCC Alliance)

2) <https://vladimirzelenkomd.com/treatment-protocol/> Pulmonary and Critical Care Specialist President, Frontline COVID-19 Critical Care Alliance (FLCCC Alliance)

# Ref: Ivermectin Early Treatment Protocols

- 1) McCullough, Peter A., et al. "Multifaceted highly targeted sequential multidrug treatment of early ambulatory high-risk SARS-CoV-2 infection (COVID-19)." *Reviews in Cardiovascular Medicine* 21.4 (2020): 517.
- 2) McCullough, Peter A., et al. "Pathophysiological Basis and Rationale for Early Outpatient Treatment of SARS-CoV-2 (COVID-19) infection." *The American J of Medicine* 134.1 (2021): 16-22.
- 3) (AAPS) American Association of Physicians and Surgeons, Covid Patient Early Treatment Guide, Consulting Editor: Peter A. McCullough, MD, MPH, Internist, Cardiologist, and Epidemiologist, President, Cardiorenal Society of America.

# THE ZELENGO COVID19 PROTOCOL

Dr. Vladimir Zelenko

Endorsed by...



|                                  |                                   |                         |
|----------------------------------|-----------------------------------|-------------------------|
| ZINC KILLS VIRUS                 | HCQ ALTERNATIVES:                 | HAVE ONHAND:            |
| ZINC CAN'T GET INTO CELLS        | QUERCETIN                         | QUERCETIN &/or E.G.C.G. |
| HCQ OPENS THE CELL DOOR FOR ZINC | E.G.C.G. EPIGALLOCATECHIN GALLATE | VITAMIN C               |
|                                  |                                   | VITAMIN D               |
|                                  |                                   | ZINC                    |

HCQ is prescription based only. Dr. Zelenko recommends Quercetin as an over-the-counter alternative. It is a plant derivative that does essentially the same thing as HCQ and is readily available. Quercetin, like HCQ, is a zinc ionophore which allows a rapid increase in intracellular zinc levels. It also enhances vitamin transportation to the cells. Vitamin C is a required cofactor for Quercetin to work. Vitamin D helps our immune systems stay balanced.

This chart simplifies & summarizes Zelenko's COVID19 protocols with the Quercetin alternative.

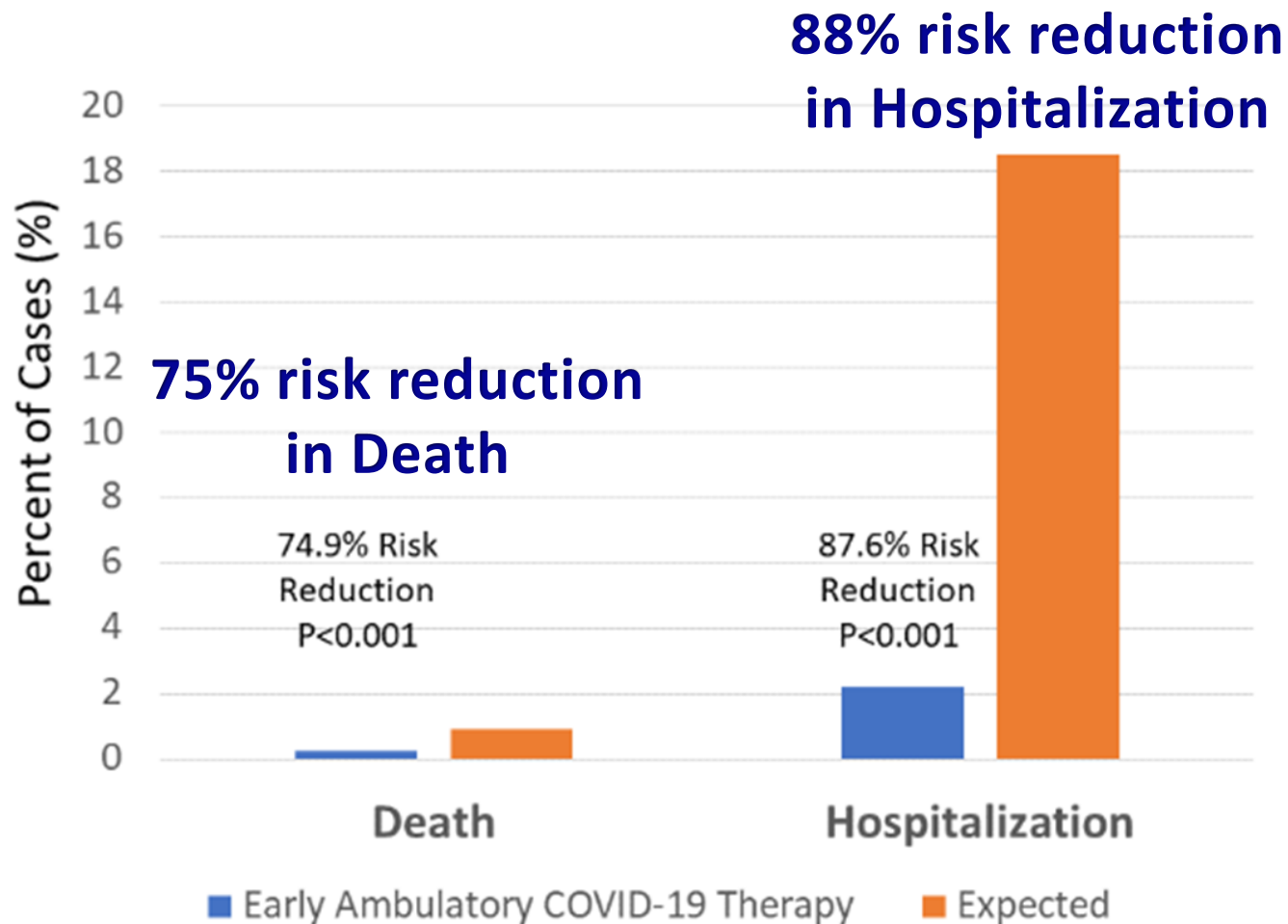
| Prophylaxis (> 45 yrs old)   | Treatment - high risk (> 45 yrs old)                                       |
|--|--|
| Vitamin D3 5000IU 125mg, daily   | Vitamin D3 10000IU 250mg, 7 days   |
| Vitamin C 1000mg, daily  | Vitamin C 1000mg, 7 days   |
| Zinc 25-50mg, daily  | Zinc 50-100mg, 7 days  |
| HCQ 200mg, 5 days, then 200-400mg weekly<br>or<br>Quercetin 500mg, daily | HCQ 200mg, 2x daily 5-7 days<br>or<br>Quercetin 500mg, 3x daily for 7 days |
|  | Azithromycin 500mg, 5 days   |



| Supplement | Cost    | Duration  |
|------------|---------|-----------|
| Quercetin  | \$33.87 | 6 months  |
| Vitamin C  | \$7.68  | 3+ months |
| Vitamin D3 | \$19.99 | 1+ year   |
| Zinc       | \$4.58  | 3+ months |

Zelenko Protocol  
HCQ and QUERC are  
ZINC Ionophores  
Add ASA

# Efficacy of Early Treatment



Procter, Brian, and McCullough "Early Ambulatory Multidrug Therapy Reduces Hospitalization and Death in High-Risk Patients with SARS-CoV-2 (COVID-19)." Int J of Innovative Res in Med Sci (IJIRMS) 6.03 (2021).

Covid Vaccines  
Safe and Effective ?

The New Religion

The Old Religion



# Covid Vaccine - Modern Day Sacrifice of Isaac ?



The Sacrifice of Isaac by Caravaggio (1603), in the Baroque tenebrist manner

# A" H Frederick Share MD



- 2/19/21
- Dies age 76 After COVID-19 Vaccination.
- Zero Platelets.
- Uncontrolled Bleeding.

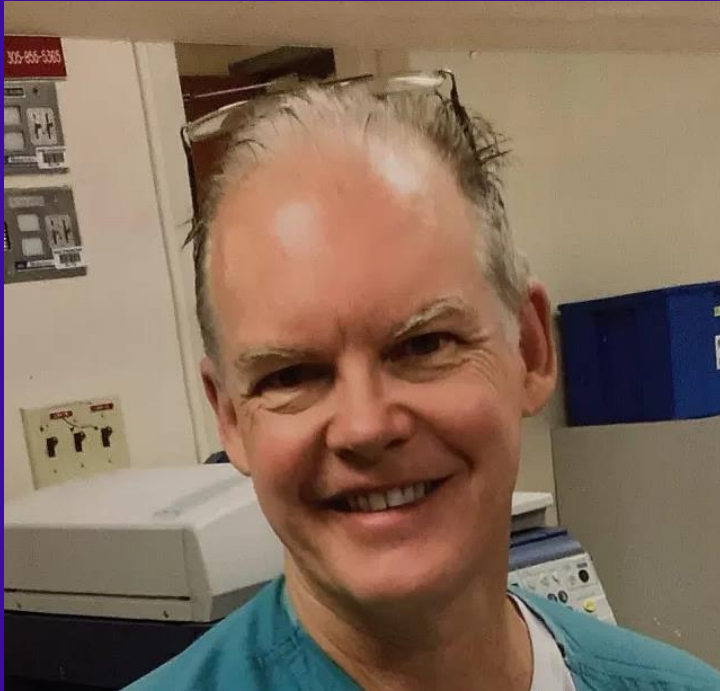
Helms, Jackie M., et al. "Severe, refractory immune thrombocytopenia occurring after SARS-CoV-2 vaccine." *Journal of blood medicine* 12 (2021): 221.

Akiyama, Hiroaki, et al. "Immune thrombocytopenia associated with Pfizer-BioNTech's BNT162b2 mRNA COVID-19 vaccine." *IDCases* (2021): e01245.

Tarawneh, Omar, and Husam Tarawneh. "Immune thrombocytopenia in a 22-year-old post Covid-19 vaccine." *American journal of hematology* (2021).



# A”H Dr. Gregory Michael OB/Gyne Mt Sinai



Dr. Gregory Michael, 56

- SICKLY JAB - Doctor dies and 36 others 'develop rare blood disorder after getting Moderna and Pfizer Covid vaccines' by Catherina Gioino Feb 10 2021 US SUN.
- A FLORIDA doctor died when he developed a rare blood disorder after receiving a Covid-19 vaccine, according to reports. Just three days after he received the Pfizer vaccine, Dr. Gregory Michael, 56, of Miami Beach developed symptoms for immune thrombocytopenia, a rare blood disorder that stops the creation of platelets, which are necessary for clotting.

# Vaers Death Reports 9/6/21

## 7,070

### The Vaccine Adverse Event Reporting System (VAERS) Results

[Request Form](#) [Results](#) [Map](#) [Chart](#) [Report](#) [About](#)

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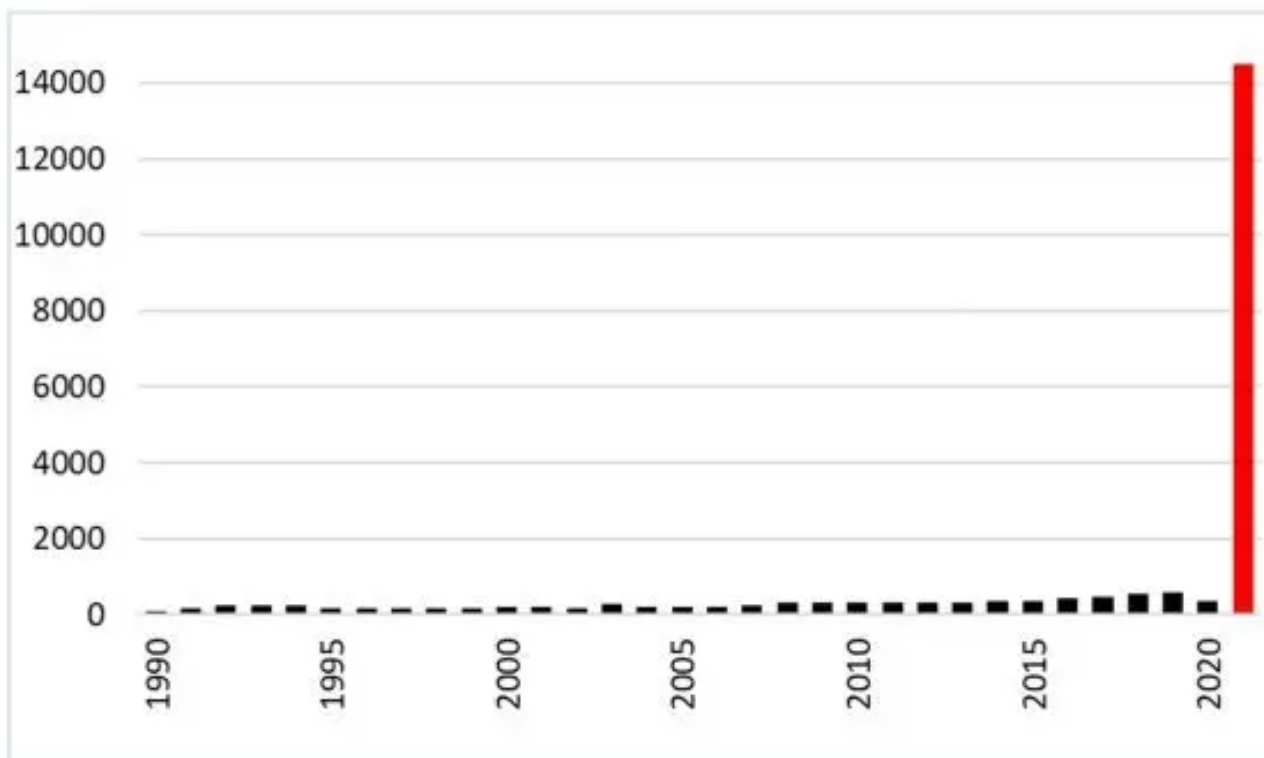
#### Messages:

- ▶ **VAERS data in CDC WONDER are updated every Friday. Hence, results for the same query can change from week to week.**
- ▶ **These results are for 6,280 total events.**

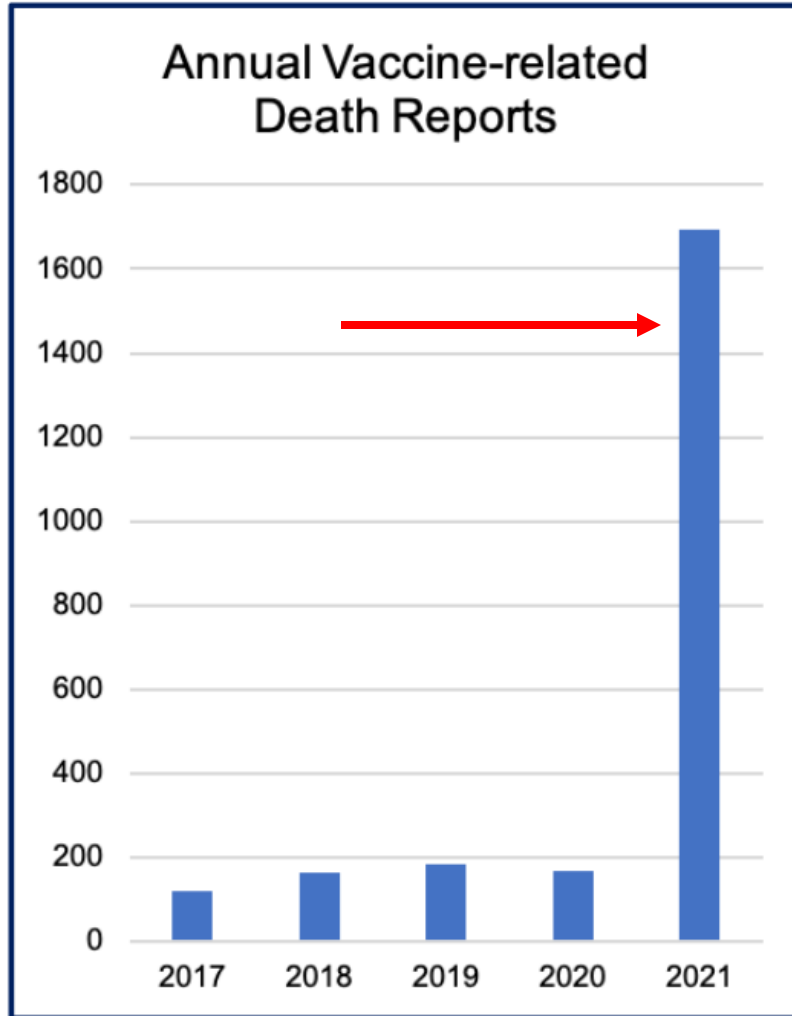
| Vaccine ↓                                  | → Events Reported ↑↓ |
|--|----------------------|
| COVID19 (COVID19 (JANSSEN)) (1203)         | 636                  |
| COVID19 (COVID19 (MODERNA)) (1201)         | 3,134                |
| COVID19 (COVID19 (PFIZER-BIONTECH)) (1200) | 3,271                |
| COVID19 (COVID19 (UNKNOWN)) (1202)         | 29                   |
| <b>Total</b>                               | <b>7,070</b>         |

# Annual Deaths Reported to Vaers

Number of Deaths Reported to VAERS Since 1990

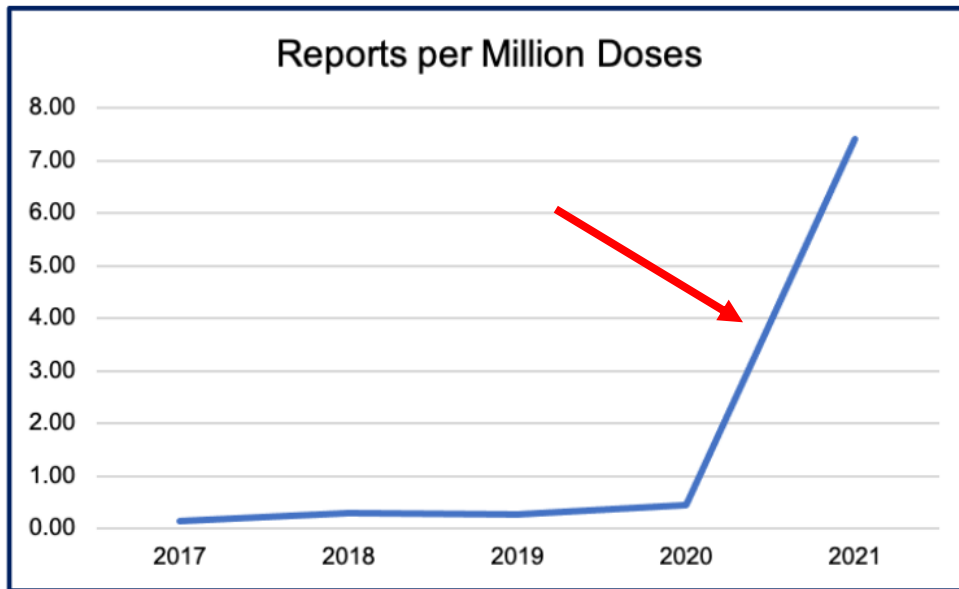


# Annual Vaccine Death Vaers



- McLachlan, Scott, et al. "Analysis of COVID-19 vaccine death reports from the Vaccine Adverse Events Reporting System (VAERS) Database." preprint June 2021.

# Vaers Death Reports per Million Doses

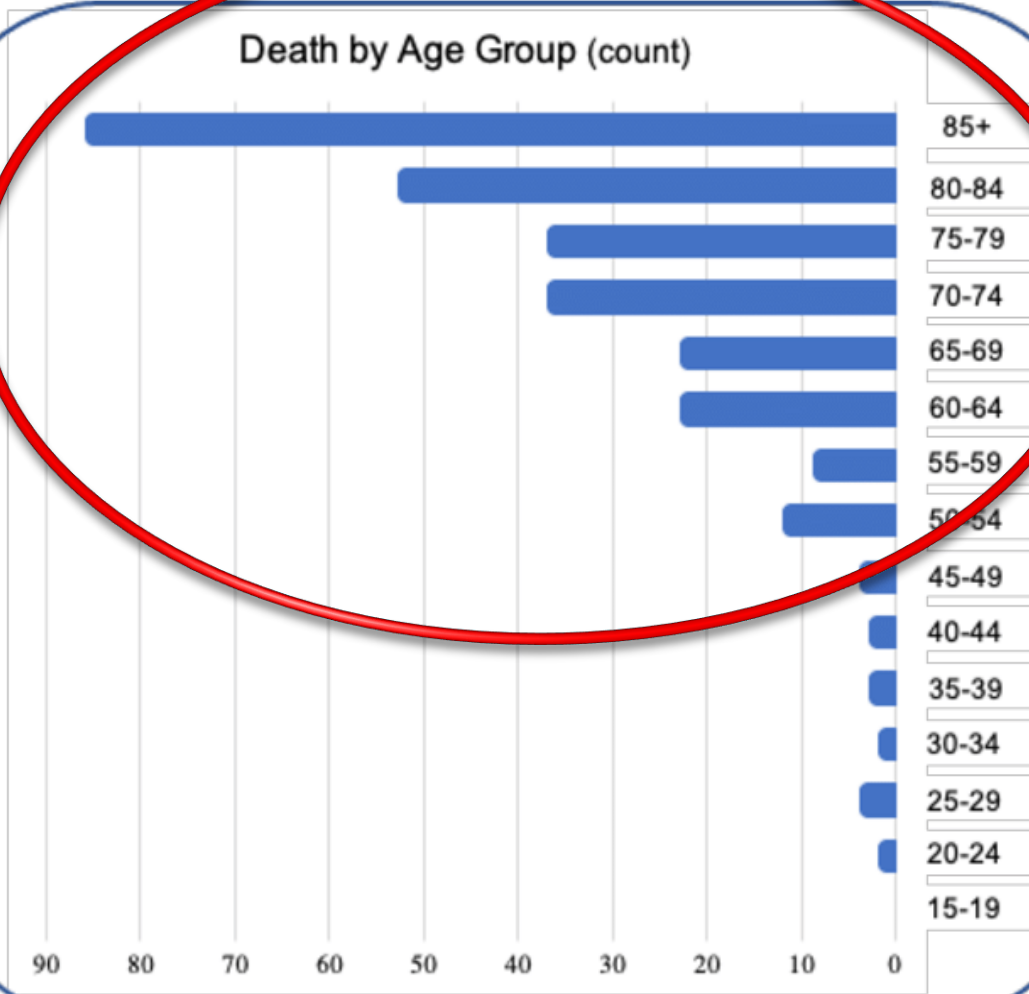


**Figure 10: VAERS Death reports per million doses administered**

0.1 to 0.4 reports per million doses administered between the years 2017 and 2020. 7.0=1677% increase in VAERS death

- First 3 Months of 2021
- McLachlan, Scott, et al. "Analysis of COVID-19 vaccine death reports from the Vaccine Adverse Events Reporting System (VAERS) Database." preprint June 2021

# Vaccine Death by Age Group



● McLachlan, Scott, et al. "Analysis of COVID-19 vaccine death reports from the Vaccine Adverse Events Reporting System (VAERS) Database."

# 6/9/21 Unsafe for Human Use

- Yellow Card Data (UK) to May 26th 2021.
- “The MHRA now has more than enough evidence on the Yellow Card system to declare the COVID-19 vaccines **unsafe for use in humans.**” end quote, Dr. Tess Lawrie (MBBCh, PhD), Director, Evidence-Based Medicine Consultancy , UK

Dr. Tess Lawrie (MBBCh, PhD) Director, Evidence-Based Medicine Consultancy Ltd and EbMC Squared CiC Bath, UK 9 June 2021, Letter to Medicines and Healthcare Products Regulatory Agency MHRA

# Vaccine Failure



# Waning Efficacy of the Covid Vaccines

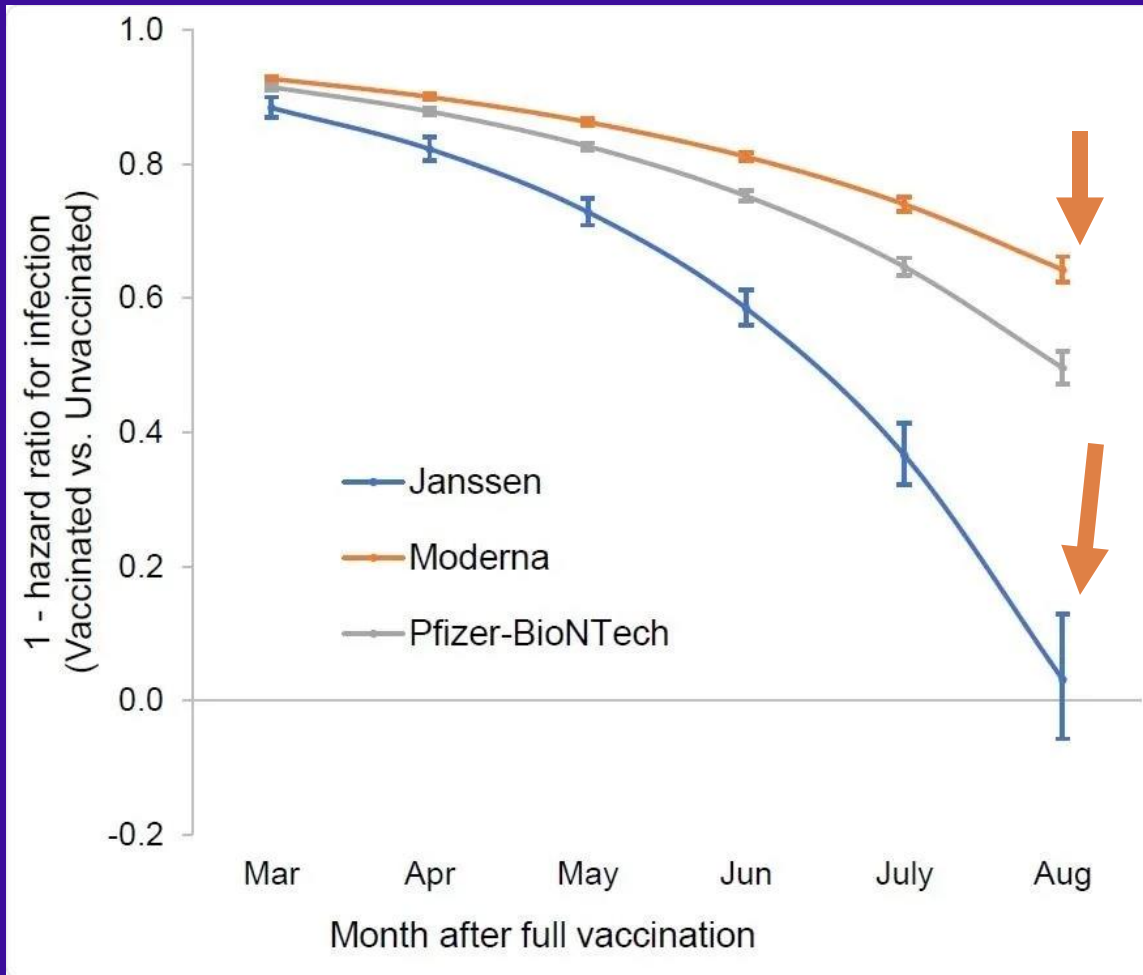


Fig 1 Time dependent vaccine protection against SARS-CoV-2 infection time of vaccination based on PCR testing. Note: By August, Janssen approaches 3% efficacy, Moderna 64% and Pfizer 50% efficacy by August. (Cohn, Barbara 2021) (5)

Cohn, Barbara A., et al. "Breakthrough SARS-CoV-2 infections in 620,000 US Veterans, February 1, 2021 to August 13, 2021." medRxiv (2021). Copyright 2021 © Jeffrey Dach MD

# 30% Mortality for Covid Breakthroughs in Hospital Reported to CDC as of 10/18/21

|                       | Deaths   |       | Hospitalized, non-fatal* |       |
|-----------------------|----------|-------|--------------------------|-------|
| Total                 | N=10,857 |       | N=30,270                 |       |
| Females               | 4,619    | (43%) | 14,453                   | (48%) |
| People aged ≥65 years | 9,172    | (85%) | 20,008                   | (66%) |

Hospitalized or fatal COVID-19 vaccine breakthrough cases reported to CDC as of October 18, 2021

<https://www.cdc.gov/vaccines/covid-19/health-departments/breakthrough-cases.html>

# 8/5/21 Israel- Delta Strain Vaccine Failure

- Dr Kobi Haviv, Director of Herzog Hospital in Jerusalem, Israel.
- 85-90% of the hospitalizations are in fully vaccinated people.
- 95% of the severe patients are vaccinated.



8/5/21 Dr Kobi Haviv, Director of Herzog Hospital in Jerusalem Channel 13 TV News.

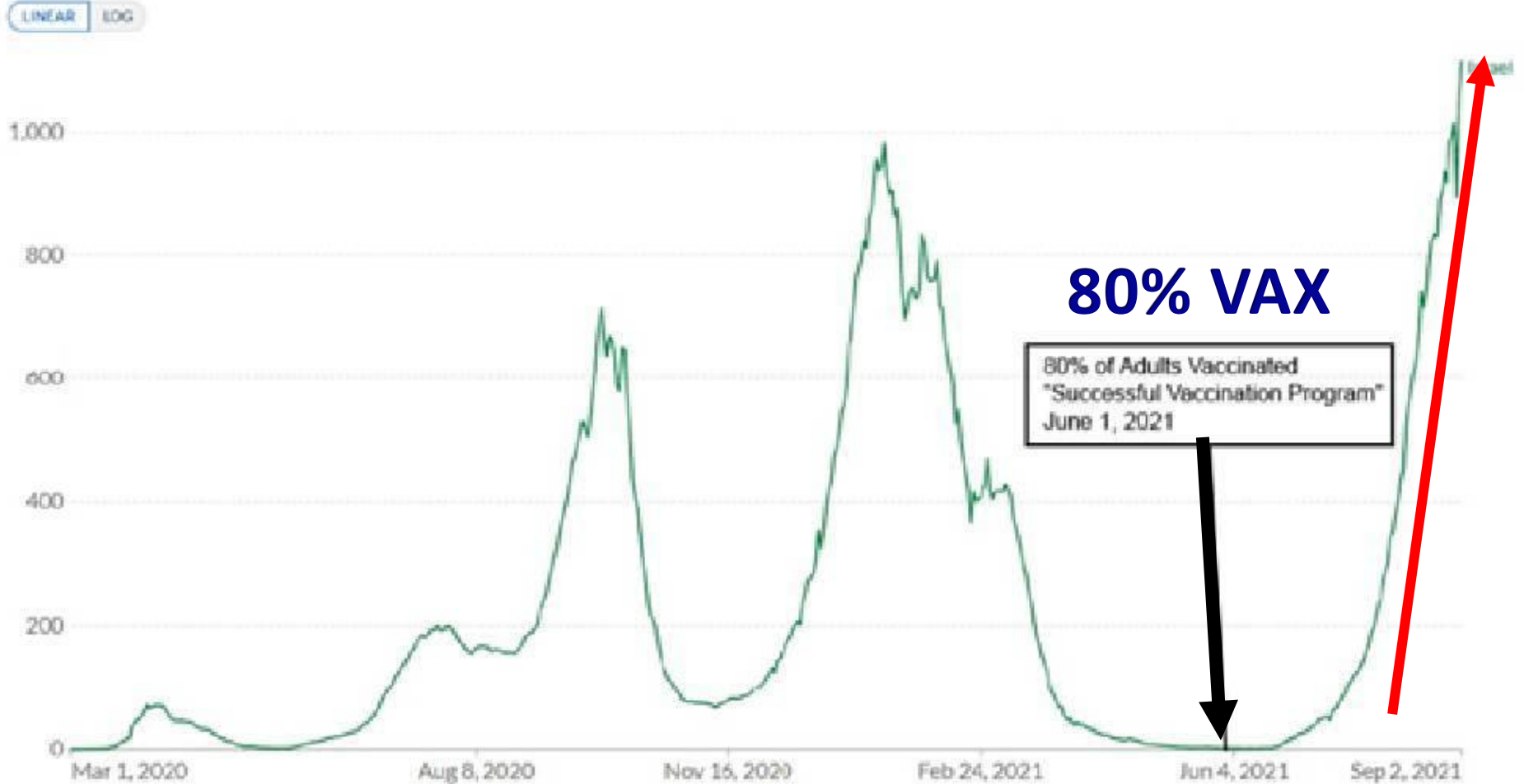
# Israel Vaccine Failure - Delta Strain

- Nearly 60% of gravely ill patients are fully vaccinated.
- “As of 15 August, 514 Israelis were hospitalized with severe or critical COVID-19, 59% were fully vaccinated, 87% were 60 or older. “Uri Shalit (Technion)

Science Magazine 8/16/21: A grim warning from Israel: Vaccination blunts, but does not defeat Delta. With early vaccination and outstanding data, country is the world's **real-life COVID-19 lab.**

# Israel Vaccine Failure

## Israel: Daily New Confirmed COVID-19 Cases Per Million People



Source: Johns Hopkins University CSSE COVID-19 Data

CC BY

Source: John Hopkins University

# ISRAEL CONFIRMED CASES, JULY 4 TO JULY 31

| Age Group     | Cases Fully Vaccinated | Cases Unvaccinated | Percent of Cases Fully Vaccinated | Percentage of Population Fully Vaccinated |
|---------------|------------------------|--------------------|-----------------------------------|---|
| 20–29         | 2689                   | 795                | 77.2%                             | 71.9%                                     |
| 30–39         | 3176                   | 881                | 78.3%                             | 77.4%                                     |
| 40–49         | 3303                   | 635                | 83.9%                             | 80.9%                                     |
| 50–59         | 2200                   | 359                | 86.0%                             | 84.4%                                     |
| 60–69         | 2200                   | 187                | 92.2%                             | 86.9%                                     |
| 70–79         | 1384                   | 100                | 93.3%                             | 92.8%                                     |
| 80–89         | 540                    | 61                 | 89.9%                             | 91.2%                                     |
| 90+           | 142                    | 20                 | 87.7%                             | 89.7%                                     |
| <b>TOTAL</b>  | <b>TOTAL</b>           | <b>TOTAL</b>       | <b>AVERAGE</b>                    | <b>AVERAGE</b>                            |
| <b>20–90+</b> | <b>15634</b>           | <b>3038</b>        | <b>86.0%</b>                      | <b>84.4%</b>                              |

Source 1: <https://data.gov.il/dataset/covid-19/resource/9b623a64-f7df-4d0c-9f57-09bd99a88880>

Source 2: <https://datadashboard.health.gov.il/COVID-19/general>

# Covid Vaccine Immunity Wanes After 6 Months - CNBC



(Same for Moderna) 7/28.21 CNBC Interview with Albert Bourla Chairman, CEO of Pfizer.  
<https://www.cnbc.com/2021/07/28/cnbc-exclusive-cnbc-transcript-pfizer-chairman-and-ceo-albert-bourla-speaks-with-cnbc-the-exchange-today.html>

# Vaccine Immunity Wanes - Booster Shots



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HEALTH AND SCIENCE

## Israel doubles down on booster shots as daily Covid cases set new record

PUBLISHED MON, AUG 30 2021 4:18 AM EDT | UPDATED MON, AUG 30 2021 4:38 AM EDT



# Dr. Kerry Chant “Endless Booster Vaccines”



- 9/1/21 New South Wales Australia health chief Dr. Kerry Chant press conference: COVID will be with us “forever” and people will have to “get used to” taking endless booster vaccines.

# Vaccine Failure

## Vaccinated Spread to Others

# CDC: Vaccinated Can Spread Covid to Others



- 8/6/21 CNN Tim Hains
- CDC Director Rochelle Walensky : Vaccines No Longer Prevent You From Spreading COVID.

Fully vaccinated people who get a COVID-19 "breakthrough" infection can spread the virus to others even if they are not symptomatic, Centers for Disease Control Director Rochelle Walensky told CNN on Thursday.

9/7/21 CDC

## Possibility of COVID-19 Illness After Vaccination

- To maximize protection from the Delta variant and prevent possibly spreading it to others, get vaccinated as soon as you can and **wear a mask indoors in public** if you are in an area of substantial or high transmission.

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/effectiveness/why-measure-effectiveness/breakthrough-cases.html>

# CDC Covid Transmission Among Fully Vaccinated

- July - Barnstable County Mass. 469 residents infected.
- 74% -- or 346 cases -- had been fully vaccinated.
- Of the 346, 79% reported symptoms.
- Genetically sequenced cases revealed the Delta variant
- Viral loads were similar among 127 fully vaccinated people and 84 others who were unvaccinated.
- Among 5 COVID-19 patients who were hospitalized, 4 were fully vaccinated; no deaths were reported. The one unvaccinated had multiple underlying medical conditions.
- 7/27/21 Rochelle Walensky: **CDC recommends fully vaccinated people wear masks in public, indoor settings.**

Brown CM, Vostok J, Johnson H, et al. Outbreak of SARS-CoV-2 Infections, Including COVID-19 Vaccine Breakthrough Infections, Associated with Large Public Gatherings — Barnstable County, Massachusetts, July 2021. MMWR Morb Mortal Wkly Rep 2021;70:1059-1062

CNN July 30, 2021: CDC shares 'pivotal discovery' on Covid-19 breakthrough infections that led to new mask guidance By Michael Nedelman, CNN

CNN July 27, 2021: CDC updates guidance, recommends vaccinated people wear masks indoors in certain areas By Jacqueline Howard,

# COVID Transmission Among Fully Vaccinated

- Houston Wedding with fewer than 100 guests. Attendance required guests **be fully vaccinated** and took place outdoors in a large, open-air tent.
- To date, **6 individuals have tested positive for SARS-CoV-2**,
- All 6 patients were symptomatic,
- One patient severely enough to receive monoclonal antibody infusion treatment (Regeneron Pharmaceuticals Inc.) and
- **One patient has died. (15% IFR)**
- All 6 samples were identified as the SARS-CoV-2 Delta variant

Farinholt, Timothy, et al. "Transmission event of SARS-CoV-2 Delta variant reveals multiple vaccine breakthrough infections." medRxiv (2021). Wedding Houston Tx.

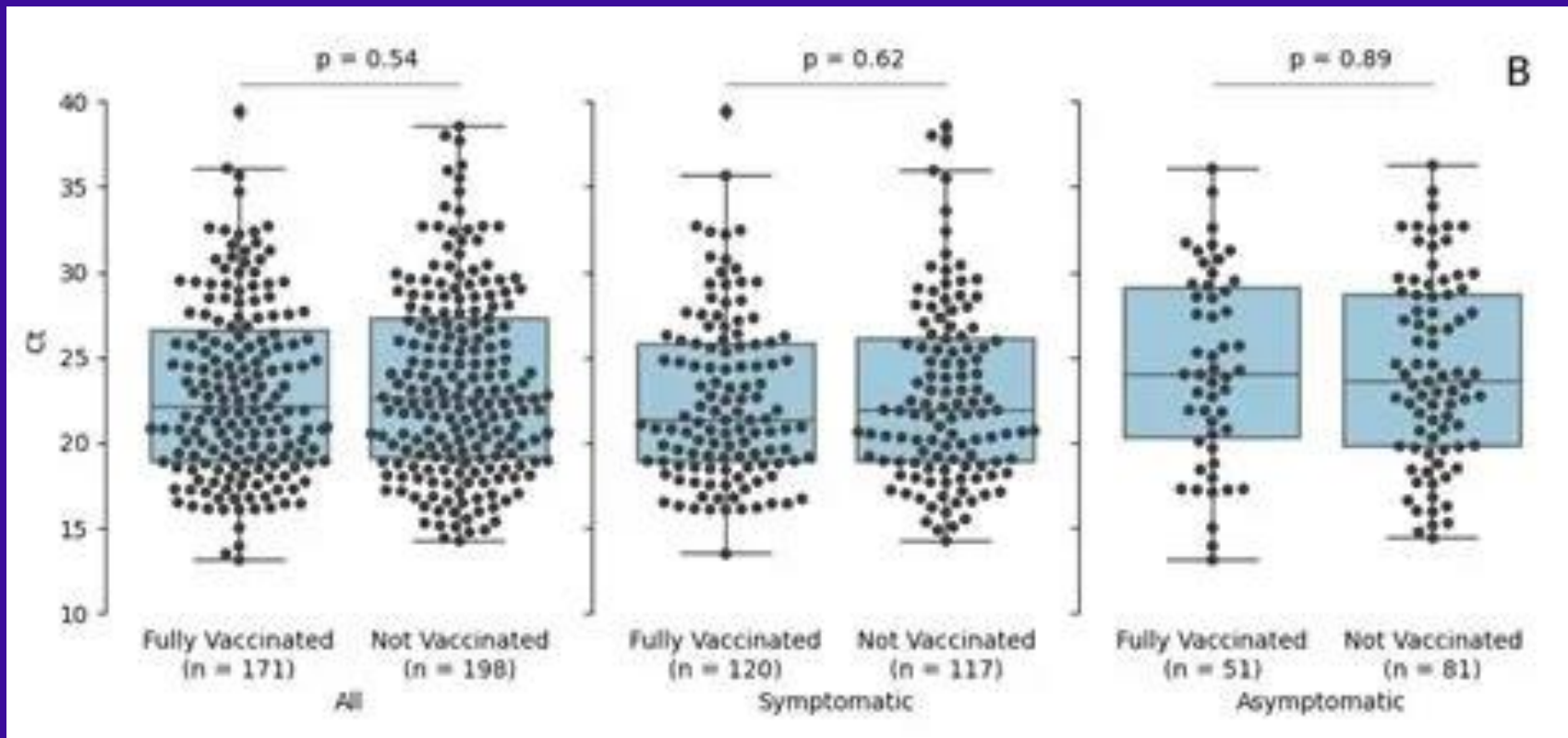
# Delta COVID Transmission Fully Vaccinated

- Hospital for Tropical Diseases Ho Chi Min City Viet Nam - Oxford University Clinical Research Unit
- Between June 11/25/21, (7–8 weeks after 2 dose AZ ), **69** healthcare workers were tested positive for SARS-CoV-2.
- 62 participated in the clinical study. **Hosp Lock Down x 2 weeks.**
- 49 were (pre)symptomatic with one requiring oxygen supplementation. All recovered uneventfully.
- 23 were sequenced, all Delta variant. (Viral Load x251 Old Variant)
- “Breakthrough Delta variant infections are associated with high viral loads, prolonged PCR positivity, and low levels of vaccine-induced neutralizing antibodies, explaining the transmission between the vaccinated people. “ (Chau 2021)

Chau, Nguyen Van Vinh, et al. "Transmission of SARS-CoV-2 Delta Variant Among Vaccinated Healthcare Workers, Vietnam." (2021). Lancet

# COVID Delta Transmission in Fully Vaccinated

- We found no significant difference in cycle threshold values between vaccinated and unvaccinated, asymptomatic and symptomatic groups infected with SARS-CoV-2 Delta.



Acharya Charlotte No Significant Difference in Viral Load Between Vaccinated and Unvaccinated, Asymptomatic and Symptomatic Groups Infected with SARS-CoV-2 Delta Variant.” medRxiv (2021). :



# 8/18/21 CDC Director Rochelle Walensky Warns of ADE



- “Reports from our international colleagues, including Israel, suggest **increased risk of severe disease** amongst those vaccinated early.” End quote Dr. Rochelle Walensky 8/18/21 Press Briefing by White House COVID-19 Response Team and Public Health Officials held on August 18, 2021

Mizrahi, Barak, et al. "Correlation of SARS-CoV-2 breakthrough infections to time-from-vaccine; Preliminary study." medRxiv (2021).

De-Leon, Hilla, and Francesco Pederiva. "Using a physical model and aggregate data from Israel to estimate the current (July 2021) efficacy of the Pfizer-BioNTech vaccine." medRxiv (2021).

# ADE References

- Vennema, H., et al. “Early death after feline infectious peritonitis virus challenge due to recombinant vaccinia virus immunization.” *J of virology* 64.3 (1990): 1407-1409.
- Tseng, Chien-Te “Immunization with SARS coronavirus vaccines leads to pulmonary immunopathology on challenge with the SARS virus.” *PloS one* 7.4 (2012): e35421.
- Bastug, Aliye, and Hurrem Bodur. “SARS-CoV-2 Infection and Antibody-Dependent Enhancement.” *Understanding COVID-19: The Role of Computational Intelligence*. Springer, Cham, 2022. 101-113.
- Farshadpour, Fatemeh “Antibody-Dependent Enhancement and the Critical Pattern of COVID-19: Possibilities and Considerations.” *Medical Principles and Practice* (2021).
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- Ricke, Darrell O. “Two Different Antibody-Dependent Enhancement (ADE) Risks for SARS-CoV-2 Antibodies.” *Frontiers in immunology* 12 (2021): 443.
- Wen, Jieqi, et al. “Antibody-dependent enhancement of coronavirus.” *International Journal of Infectious Diseases* (2020).
- Lee, Wen Shi, et al. “Antibody-dependent enhancement and SARS-CoV-2 vaccines and therapies.” *Nature microbiology* 5.10 (2020): 1185-1191.
- Nouara Yahi Henri Chahinian Jacques Fantini August 09, 2021 Letter to the Editor, *Journal of Infection* , Infection-enhancing anti-SARS-CoV-2 antibodies recognize both the original Wuhan/D614G strain and Delta variants. A potential risk for mass vaccination ?

# ADE References

- Lambert, Paul-Henri, et al. "Consensus summary report for CEPI/BC March 12–13, 2020 meeting: assessment of risk of disease enhancement with COVID-19 vaccines." *Vaccine* 38.31 (2020): 4783-4791.
- “Previous studies with SARS candidate vaccines have suggested a risk of **enhanced pathology** in NHPs (Non Human Primates) after viral challenge...Non- or incompletely neutralizing antibodies may contribute to:
  - The formation of pathogenic immune complexes and
  - Fc-mediated viral capture by monocytes/macrophages that may favor excessive T-cell activation and inflammation.
  - Enhanced pathology was seen following passive transfer of IgG from immunized NHPs”
  - The group of Experts considers that the **demonstration of some disease enhancement with any candidate vaccine after viral challenge in animal models should not necessarily represent a no-go signal** for deciding whether to progress into early trials in clinical development of a COVID-19 vaccine.....
- **Continuous monitoring of this risk during clinical trials in an epidemic context will be needed.**  
[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7247514/?fbclid=IwAR1G6yvmGDHuCEK4q9sIT6zXZjHM0yf63Kb0\\_zGkev1DS2Ni4TJnKKMjj04](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7247514/?fbclid=IwAR1G6yvmGDHuCEK4q9sIT6zXZjHM0yf63Kb0_zGkev1DS2Ni4TJnKKMjj04)

# Natural Immunity

Prognosis

## **Previous Covid Prevents Delta Infection Better Than Pfizer Shot**

By Michelle Fay Cortez

August 27, 2021, 1:38 AM EDT

**CONCLUSION:** "This study demonstrated that natural immunity confers longer lasting and stronger protection against infection, symptomatic disease and hospitalization caused by the Delta variant of SARS-CoV-2, compared to the BNT162b2 two-dose vaccine-induced immunity." (Gazit, 2021)

Gazit, Sivan, et al. "Comparing SARS-CoV-2 natural immunity to vaccine-induced immunity: reinfections versus breakthrough infections." medRxiv (2021).

# 9/15/21 Washington Post Marty Makary

The Washington Post

## Opinions | Natural immunity to covid is powerful. Policymakers seem afraid to say so.

Marty Makary · 1 day ago



- Dr. Marty Makary, Fox News Contributor, Surgeon and A Professor Of Health Policy At The Johns Hopkins School Of Public Health (Gazit,2021 Israel)
- 700,000-person study from Israel 9/1/21 **prior COVID infection confers 27 times less likely to get a second symptomatic covid infection than those who were vaccinated. !!!!**
- June Cleveland Clinic study.
- May 21 Nature / Washington University : Even a mild covid infection resulted in long-lasting immunity.

Gazit, Sivan, et al. "Comparing SARS-CoV-2 natural immunity to vaccine-induced immunity: reinfections versus breakthrough infections." medRxiv (2021).

<https://www.washingtonpost.com/outlook/2021/09/15/natural-immunity-vaccine-mandate/>

# References for Covid Recovered Natural Immunity Superior to Vaccine

- Gazit, Sivan, et al. "Comparing SARS-CoV-2 natural immunity to vaccine-induced immunity: reinfections versus breakthrough infections." medRxiv (2021). (Israel –July-Aug 2021)
- Shrestha NK. 2021. Necessity of COVID-19 Vaccination in Previously Infected Individuals: A Retrospective Cohort Study. medRxiv Cleveland Clinic.
- Turner, Jackson S., et al. "SARS-CoV-2 infection induces long-lived bone marrow plasma cells in humans." Nature (2021): 1-5. "Our results indicate that mild infection with SARS-CoV-2 induces robust antigen-specific, long-lived humoral immune memory in humans." (5/24/21 Washington University)
- Sheehan, Megan et al. "Reinfection rates among patients who previously tested positive for COVID-19: a retrospective cohort study." medRxiv (2021).
- Kojima, Noah, et al. "Incidence of Severe Acute Respiratory Syndrome Coronavirus-2 infection among previously infected or vaccinated employees." medRxiv (2021).
- O Murchu, Eamon, et al. "Quantifying the risk of SARS-CoV-2 reinfection over time." Reviews in medical virology (2021): e2260.
- Pilz, Stefan, et al. "SARS-CoV-2 re-infection risk in Austria." European Journal of Clinical Investigation 51.4 (2021): e13520.

# References for Covid Recovered Long Lasting T Cell Immunity

- Le Bert, Nina, et al. "SARS-CoV-2-specific T cell immunity in cases of COVID-19 and SARS, and uninfected controls." *Nature* 584.7821 (2020): 457-462. "We showed that patients (n = 23) who recovered from SARS (the disease associated with SARS-CoV infection) possess long-lasting memory T cells that are reactive to the N protein of SARS-CoV 17 years after the outbreak of SARS in 2003; these T cells displayed robust cross-reactivity to the N protein of SARS-CoV-2.
- Turner, Jackson S., et al. "SARS-CoV-2 infection induces long-lived bone marrow plasma cells in humans." *Nature* (2021): 1-5. "Our results indicate that mild infection with SARS-CoV-2 induces robust antigen-specific, long-lived humoral immune memory in humans." (5/24/21 Washington University)



# Natural Immunity in the COVID Recovered

- These are people who have had Covid and recovered. (Both Vaxed and Unvaxed)
- Can Not Get COVID a Second Time.
- Can Not Asymptomatically or Presymptomatically Transmit Covid to Others (Since they can not get COVID)
- No Need for Masking.
- CR (Natural Immunity) Superior to Vaccine Immunity which wanes after 6 months.

# Peter McCullough MD



MD Internist, Cardiologist, Epidemiologist, in academic medical practice in Dallas, Texas.

Actively Sees and Treated Covid patients.

Board Certified in Internal Medicine and Cardiology.

Editor-in-Chief of Reviews in Cardiovascular Medicine and CardioRenal Medicine.

Published: “Pathophysiological Basis and Rationale for Early Outpatient Treatment of SARS-CoV-2 (COVID-19) Infection” and Multidrug Early Treatment of Outpatients with SARS-CoV-2 in the American Journal of Medicine, updated in Reviews in Cardiovascular Medicine.

46 Peer-Reviewed Publications on COVID 19.

Publish over 650 Peer-Reviewed Papers in NLM.

Former Vice Chief of Internal Medicine at Baylor University Medical Center in Dallas, Texas, and Professor at Texas A&M University.

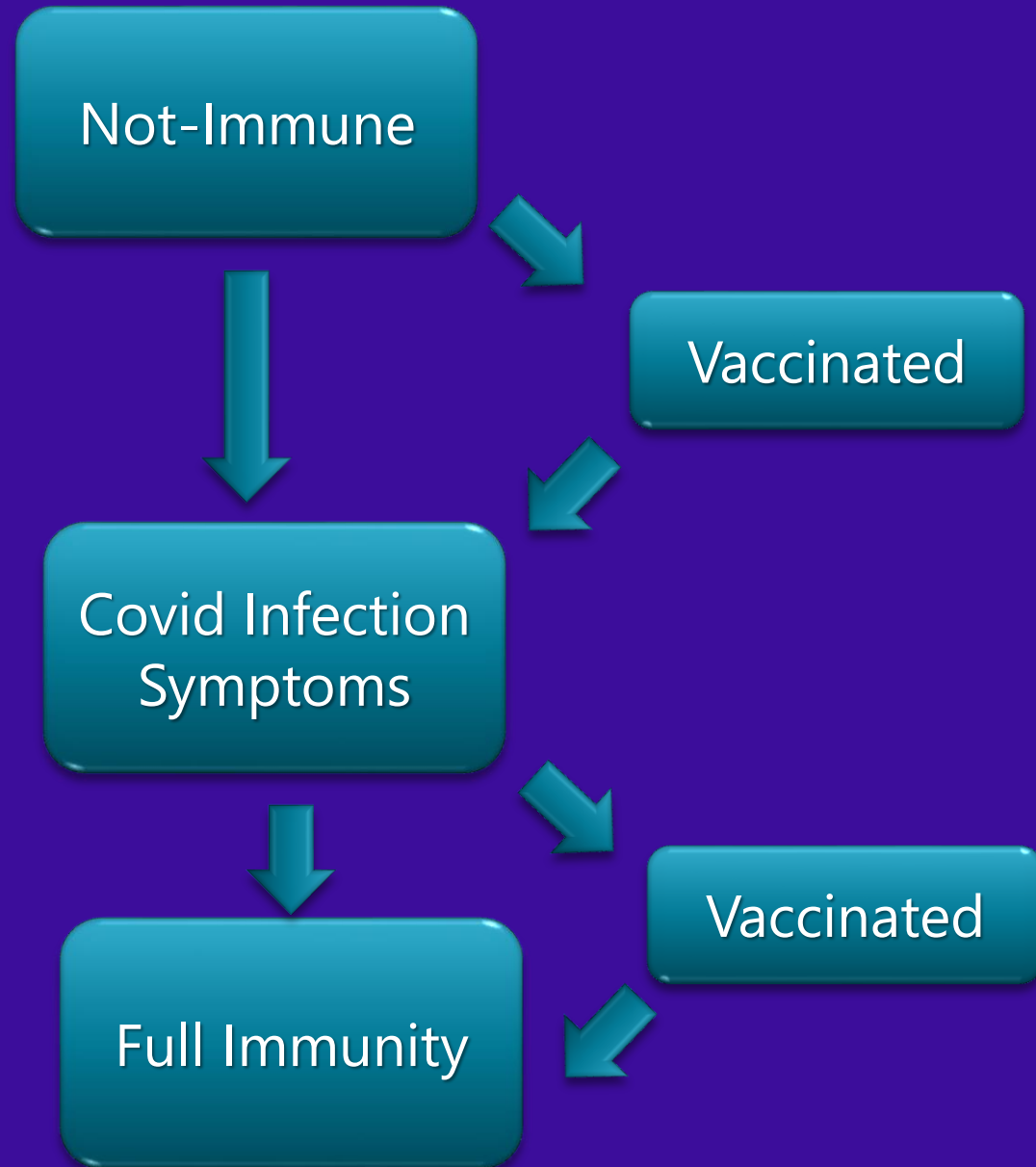
## False Myths

- There is NO Natural Immunity, Only Vaccine Immunity.
- There is NO Early Treatment for COVID-19 at Home.
- Vaccines are Safe and Effective.

## The Truth

- Natural Immunity is Robust, Complete, and Durable, and Superior to Vaccine Immunity.
- COVID-19 is Easily Treatable at Home with an Early Multi-Drug Treatment Protocol.
- The Covid Vaccines are Obsolete for Current Variant, Unsafe, and Unfit for Human Use. (Tess Laurie)

# What is the END GAME ? Full Immunity



# Masks



Masks May Reduce Transmission, Cannot Totally Prevent.

# Korea Hospital Setting –MASK Failure

- Tertiary Care Hospital in Korea, **14** SARS-CoV-2 infected individuals
- From March 2020 to March 2021, there were **36** secondary cases from 14 SARS-CoV-2 infected individuals.
- Of the 36 secondary cases, 26 (72%) had been classified as close contact and the remaining 10 (28%) were classified as non-close contact.
- Of the 10 non-close contact, **4** had short conversations with **both individuals masked,**
- **4** shared a space without any conversation with **both masked,** and the
- Remaining **2** entered the space after the index had left.

Jung, Jiwon, et al. "Frequent Occurrence of SARS-CoV-2 Transmission among Non-close Contacts Exposed to COVID-19 Patients." Journal of Korean medical science 36.33 (2021).

# Mask Failure - Plume Effect



Ted Noel MD Anesthesiologist Vaping in Mask – Plume Effect Aerosol Spread of virus particles  
<https://thereisnopandemic.net/2021/06/29/the-great-american-mask-rip-off-with-patrick-wood-and-dr-russell-blalock-md/>

Criteria for Covid Policy  
Risk is Based on  
Age and Immune Status



# Covid Policy Should be Based on Age IFR



Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People™

## Updated infection fatality - survival rates for COVID19:

Parameter Values vary among the five COVID-19 Pandemic Planning Scenarios.

**CDC SCENARIO 5: 'Current Best Estimate'**

| AGE GROUP:    | INFECTION FATALITY RATE: | SURVIVAL RATE: |
|---------------|--------------------------|----------------|
| <b>0 -19</b>  | <b>0.00003</b>           | <b>99.997%</b> |
| <b>20 -49</b> | <b>0.0002</b>            | <b>99.98%</b>  |
| <b>50 -69</b> | <b>0.005</b>             | <b>99.5%</b>   |
| <b>70 +</b>   | <b>0.054</b>             | <b>94.6%</b>   |

# Natural Immunity Superior to Vaccination

## Spectrum Health Michigan

- 9/10/21 Natural Immunity Vaccine Exemption Now Offered At Spectrum Health By Sara Powers September 10, 2021
- (9/9/21) Spectrum Health workers can use natural immunity as vaccine mandate exemption Beth LeBlanc The Detroit News.

(CBS DETROIT) – Spectrum Health will allow workers to avoid its vaccine mandate if they can prove they have a natural immunity to COVID-19.

## 7/20/21 Rep. Texas Gov Abbot - CR and Masks

- Gov. Abbot Texas EO: Covid Recovered Do Not Require Masks-
- “The Governor said his reason behind not issuing another mask mandate is due to people having “immunity to COVID through the vaccination or through their own **exposure and recovery from it (Covid Recovered)**”. 7/20/21 interview on KPRC 2 News at 5 Click2Houston.com
- Covid Recovered Have Natural Immunity Durable Robust , and Complete. Covid Recovered Can Not get Infected with the Virus. Covid Recovered Can Not Spread the Virus.

# WVA - COVID BkThrhg Fatality Rate .007%

8/23/21 Gov. Jim Justice over the past eight weeks, a 26% increase in new breakthrough cases, a 21% increase in breakthrough cases requiring hospitalization and a 25% increase in breakthrough deaths.

According to DHHR, 0.44% percent of West Virginians who have been fully vaccinated have experienced a breakthrough case of the virus, while 0.007% of those fully vaccinated have died from the coronavirus.

'Breakthrough' COVID Cases On The Rise West Virginia Public Broadcasting | By Dave Mistich Published August 23, 2021 at 2:09 PM EDT

# Thank You – Any Questions?



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END

Extra Slides  
Beyond This  
Point

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Extra Slides After This Point



# 8/24/21 Democrat Oregon - CR and Masks

- Oregon Gov. Kate Brown, a Democrat, has instituted a new mask mandate: People must now wear masks, even outdoors, and even if they are vaccinated.
- The government "strongly recommends" masking at private outdoor gatherings as well.

# RCTs Masks

## 1. T

Jacobs, J. L. et al. (2009) “Use of surgical face masks to reduce the incidence of the common cold among health care workers in Japan: A randomized controlled trial,” *American Journal of Infection Control*, Volume 37, Issue 5, 417 – 419.

Cowling, B. et al. (2010) “Face masks to prevent transmission of influenza virus: A systematic review,” *Epidemiology and Infection*, 138(4), 449-456.

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Smith, J.D. et al. (2016) “Effectiveness of N95 respirators versus surgical masks in protecting health care workers from acute respiratory infection: a systematic review and meta-analysis,” *CMAJ* Mar 2016

Offeddu, V. et al. (2017) “Effectiveness of Masks and Respirators Against Respiratory Infections in Healthcare Workers: A Systematic Review and Meta-Analysis,” *Clinical Infectious Diseases*, Volume 65, Issue 11, 1 December 2017, Pages 1934–1942,

Radonovich, L.J. et al. (2019) “N95 Respirators vs Medical Masks for Preventing Influenza Among Health Care Personnel: A Randomized Clinical Trial,” *JAMA*. 2019; 322(9): 824–833.

Long, Y. et al. (2020) “Effectiveness of N95 respirators versus surgical masks against influenza: A systematic review and meta-analysis,” *J Evid Based Med*. 2020; 1- 9.

# Discontinued Vaccines

- Cervarix – HPV vaccine Discontinued in the US in 2016
- Comvax – a Hib/Hepatitis B Discontinued in 2014
- Tetanus toxoid – Discontinued 2013
- Tripedia – a DTaP vaccine – discontinued 2011
- TriHIBit – a DTaP/Hib combination
- JE-VAX – discontinued 2005
- Attenuvax – measles vaccine
- Mumpsvax – mumps vaccine
- Meruvax II – rubella vaccine
- M-R-Vax – measles and rubella combo
- M-M-Vax – measles and mumps combo
- Biavax II – rubella and mumps combo
- Heptavax-B – the original hepatitis B vaccine
- HIB-Vax – the original Hib vaccine
- Plague vaccine
- Poliovax
- Dryvax – smallpox vaccine
- Measles-Smallpox combination vaccine
- Diptussis – a diphtheria/pertussis combination (1949-55)
- Quadrigen – a DTP/Polio combination (1959-68)
- Streptococcus vaccine (1952-88)
- Serobacterin – a pertussis vaccine (1945-54)
- Rocky mountain spotted fever vaccine (1942-78)
- Typhus vaccine (1941-79)
- Smallpox vaccine (1917-1976)
- Dengue
- RSV

# Biderman Report of 1956

1. T

CHART OF COERCION – You will Comply

Isolation

Monopolisation of Perception

Induced Debility and Exhaustion

Threats

Occasional Indulgences

Demonstrate Omnipotence

Humiliation or Degradation Techniques- Shame people who refuse masks, don't distance.

Enforcing Trivial Demands

Biderman, Albert D. "Communist attempts to elicit false confessions from Air Force prisoners of war." *Bulletin of the New York Academy of Medicine* 33.9 (1957): 616.

Biderman, Albert D. *The manipulation of human behavior*. Eds. Albert D. Biderman, and Herbert Zimmer. New York: Wiley, 1961.

CHART I.—COMMUNIST COERCIVE METHODS  
FOR ELICITING INDIVIDUAL COMPLIANCE

| <i>General Method</i>                            | <i>Effects<br/>(Purposes?)</i>   | <i>Variants</i>  |
|--|--|--|
| 1. Isolation                                     | Deprives Victim of all Social Support of his Ability to Resist<br>Develops an Intense Concern with Self<br>Makes Victim Dependent on Interrogator  | Complete Solitary Confinement<br>Complete Isolation<br>Semi-Isolation<br>Group Isolation   |
| 2. Monopolization of Perception                  | Fixes Attention upon Immediate Predicament; Fosters Introspection<br>Eliminates Stimuli Competing with those Controlled by Captor<br>Frustrates all Actions not Consistent with Compliance | Physical Isolation<br>Darkness or Bright Light<br>Barren Environment<br>Restricted Movement<br>Monotonous Food   |
| 3. Induced Debilitation; Exhaustion              | Weakens Mental and Physical Ability to Resist  | Semi-Starvation<br>Exposure<br>Exploitation of Wounds;<br>Induced Illness<br>Sleep Deprivation<br>Prolonged Constraint<br>Prolonged Interrogation or Forced Writing<br>Over Exertion |
| 4. Threats                                       | Cultivates Anxiety and Despair   | Threats of Death<br>Threats of Non-repatriation<br>Threats of Endless Isolation and Interrogation<br>Vague Threats<br>Threats Against Family<br>Mysterious Changes of Treatment      |
| 5. Occasional Indulgences                        | Provides Positive Motivation for Compliance<br>Hinders Adjustment to Deprivation   | Occasional Favors<br>Fluctuations of Interrogators' Attitudes<br>Promises<br>Rewards for Partial Compliance<br>Tantalizing   |
| 6. Demonstrating "Omnipotence" and "Omniscience" | Suggests Futility of Resistance  | Confrontations<br>Pretending Cooperation Taken for Granted<br>Demonstrating Complete Control over Victim's Fate  |
| 7. Degradation                                   | Makes Costs of Resistance Appear More Damaging to Self-Esteem than Capitulation<br>Reduces Prisoner to "Animal Level" Concerns   | Personal Hygiene Prevented<br>Filthy, Infested Surroundings<br>Demeaning Punishments<br>Insults and Taunts<br>Denial of Privacy  |
| 8. Enforcing Trivial Demands                     | Develops Habit of Compliance   | Forced Writing<br>Enforcement of Minute Rules  |

Nov 13, 1956, Dr. Alfred D. Biderman presentation to a combined meeting of the Section on Neurology and Psychiatry with the New York Neurological Society. Part of a panel discussion on the Communist Methods of Interrogation and Indoctrination and covers the brainwashing techniques use by the North Koreans and Chinese on captured American pilots.

## Biderman's Chart of Coercion

A tool designed to demonstrate and explain the coercive methods of stress manipulation used to torture prisoners of war. It has been applied to explain the coercive techniques used by perpetrators of domestic abuse.

This list directly reflects the original chart, it has not been changed to fit the domestic abuse context.

| Method                              | Effect and Purpose   | Variants  |
|-------------------------------------|--|---|
| <b>Isolation</b>                    | Deprives victim of all social support of their ability to resist.<br>Develops an intense concern with self (this could be home environment)<br>Makes victim dependent. | Complete solitary confinement<br>Complete or partial isolation<br>Group Isolation   |
| <b>Monopolisation of Perception</b> | Fixes attention upon immediate predicament.<br>Eliminates information not in compliance with demands.<br>Punishes independence and /or resistance.                     | Physical isolation<br>Darkness or Bright light<br>Restricted movement<br>Monotonous Food  |
| <b>Humiliation and Degradation</b>  | Makes resistance more 'costly' than compliance.<br>'Animal Level' concerns.  | Personal hygiene prevented<br>Demeaning Punishments<br>Insults and taunts<br>Denial of Privacy                                      |
| <b>Exhaustion</b>                   | Weakens mental and physical ability to resist.   | Semi-Starvation<br>Sleep deprivation<br>Prolonged interrogation<br>Overexertion   |
| <b>Threats</b>                      | Creates anxiety and despair<br>Outlines cost of non-compliance   | Threats to kill<br>Threats of abandonment/non-return<br>Threats against family<br>Vague Threats<br>Mysterious changes of treatment. |
| <b>Occasional indulgences</b>       | Positive motivation for compliance.<br>Hinders adjustment to deprivation   | Occasional favours<br>Rewards for partial compliance<br>Promises  |
| <b>Demonstrating Omnipotence</b>    | Suggests futility of resistance  | Confrontation<br>Showing complete control over victims face   |
| <b>Forcing trivial demands</b>      | Develops habit of compliance   | Enforcement of 'rules'  |

# Peter McCullough MD

- 1. Asymptomatic People Do NOT Spread Covid 19
- 2. Asymptomatic People Should Never Be Tested (Not approved by WHO , FDA, Cycle Threshold False Pos.)
- 3. Natural Immunity is Robust, Complete, and Durable, and Superior to Vaccine Immunity.
- 4. COVID-19 is Easily Treatable at Home with an Early Multi-Drug Treatment Protocol.
- 5. The Current Vaccines are Obsolete, Unsafe, and Unfit for Human Use.
- "The Vaccine Is Failing In The UK And Israel"- Boosters Are Needed at 6 months.

# DPT Vaccine 500% Increases Mortality

- 500% increased mortality from DTP vaccine (older cellular pertussis type):
- “Among 3–5-month-old children, having received DTP ( $\pm$  OPV) was associated with a mortality hazard ratio (HR) of 5.00 (95% CI 1.53–16.3) compared with not-yet-DTP-vaccinated children.”

Mogensen, Søren Wengel, et al. “The Introduction of Diphtheria-Tetanus-Pertussis and Oral Polio Vaccine Among Young Infants in an Urban African Community: A Natural Experiment.” *EBioMedicine* 17 (2017): 192-198.



# Fully Vaccinated Asymptomatic Super Spreader

Daily **Mail**.com

## **EXCLUSIVE: I was a Covid super-spreader and the guilt is killing me: How Australian socialite gave the Delta strain to SIXTY people in a single weekend despite being fully vaccinated**

- Anthony Hess celebrated dropping of Covid restrictions with a weekend bender
- He has two Moderna jabs but still spread the virus to at least 60 people at parties

1) 21 July 2021 Daily Mail UK. EXCLUSIVE: I was a Covid super-spreader and the guilt is killing me: How Australian socialite gave the Delta strain to SIXTY people in a single weekend despite being fully vaccinated.

2) August 20, 2021 Covid Vaccines: The Good, The Bad, The Ugly, Swiss Policy Research  
Copyright 2021 © Jeffrey Dach MD

# Fully Vaccinated Asymptomatic Super Spreaders

- A “fully vaccinated” Australian managed to pre-symptomatically infect about 60 people at a party in the United States. (1)
- Many similar stories have already been reported in Europe and Israel:
- Fully vaccinated people can easily transmit the virus even to large groups.
- Hence, imposing “vaccination certificates” or “green passes” may only serve a political purpose.

- 1) 21 July 2021 Daily Mail UK. EXCLUSIVE: I was a Covid super-spreader and the guilt is killing me: How Australian socialite gave the Delta strain to SIXTY people in a single weekend despite being fully vaccinated.
- 2) August 20, 2021 Covid Vaccines: The Good, The Bad, The Ugly Swiss Policy Research.

# CDC - Breakthrough Cases Infect Others



Centers for Disease  
Control and Prevention

## Morbidity and Mortality Weekly Report (*MMWR*)

Outbreak of SARS-CoV-2 Infections, Including COVID-19  
Vaccine Breakthrough Infections, Associated with Large  
Public Gatherings — Barnstable County, Massachusetts,  
July 2021



*Weekly* / August 6, 2021 / 70(31);1059-1062

# CDC - Breakthrough Cases Infect Others Barnstable Mass.

- “There was no significant difference between the Ct values of samples collected from breakthrough cases and the other cases.
- This might mean that the **viral load of vaccinated and unvaccinated persons infected with SARS-CoV-2 is also similar.**” CDC Barnstable Mass Study

Brown CM, Vostok J, Johnson H, et al. Outbreak of SARS-CoV-2 Infections, Including COVID-19 Vaccine Breakthrough Infections, Associated with Large Public Gatherings — Barnstable County, Massachusetts, July 2021. *MMWR Morb Mortal Wkly Rep* 2021;70:1059-1062.

Data from Israel-  
20% of Covid Breakthrough Carriers  
Infected Others

**THE TIMES OF ISRAEL**

**80% of vaccinated COVID  
carriers didn't infect anyone in  
public spaces — report**

● The Times of Israel 25 July 2021

# Vaccinated - Asymptomatic Spreaders

- New data from Israel shows that about 20% of fully vaccinated people have infected others.
- While authorities claim that this is a success, not any different from unvaccinated people, thus confirming zero effectiveness against infection and transmission.
- A new study (Barnstable Mass) by the US CDC also confirms that viral loads in vaccinated and unvaccinated people are equally high.  
(Barnstable Mass)

August 20, 2021 Covid Vaccines: The Good, The Bad, The Ugly Swiss Policy Research.

# Ivermectins Astonishingly Safe Miracle Drug

- IVM Discovered in 1967 Japan Kitasato Inst from a microbe in a single soil sample (*Streptomyces avermitilis*)
- Widely Used Antiparasitic in Veterinary Medicine.
- Eliminated River Blindness (onchocerciasis) and Lymphatic Filariasis in Africa. 1980's
- FDA approved for Scabies in Children.
- Nobel Prize 2015 Satoshi Ōmura and William Campbell for Discovery

Crump, Andy, and Satoshi Omura. "Ivermectin, 'wonder drug' from Japan: the human use perspective." *Proceedings of the Japan Academy, Series B* 87.2 (2011): 13-28.

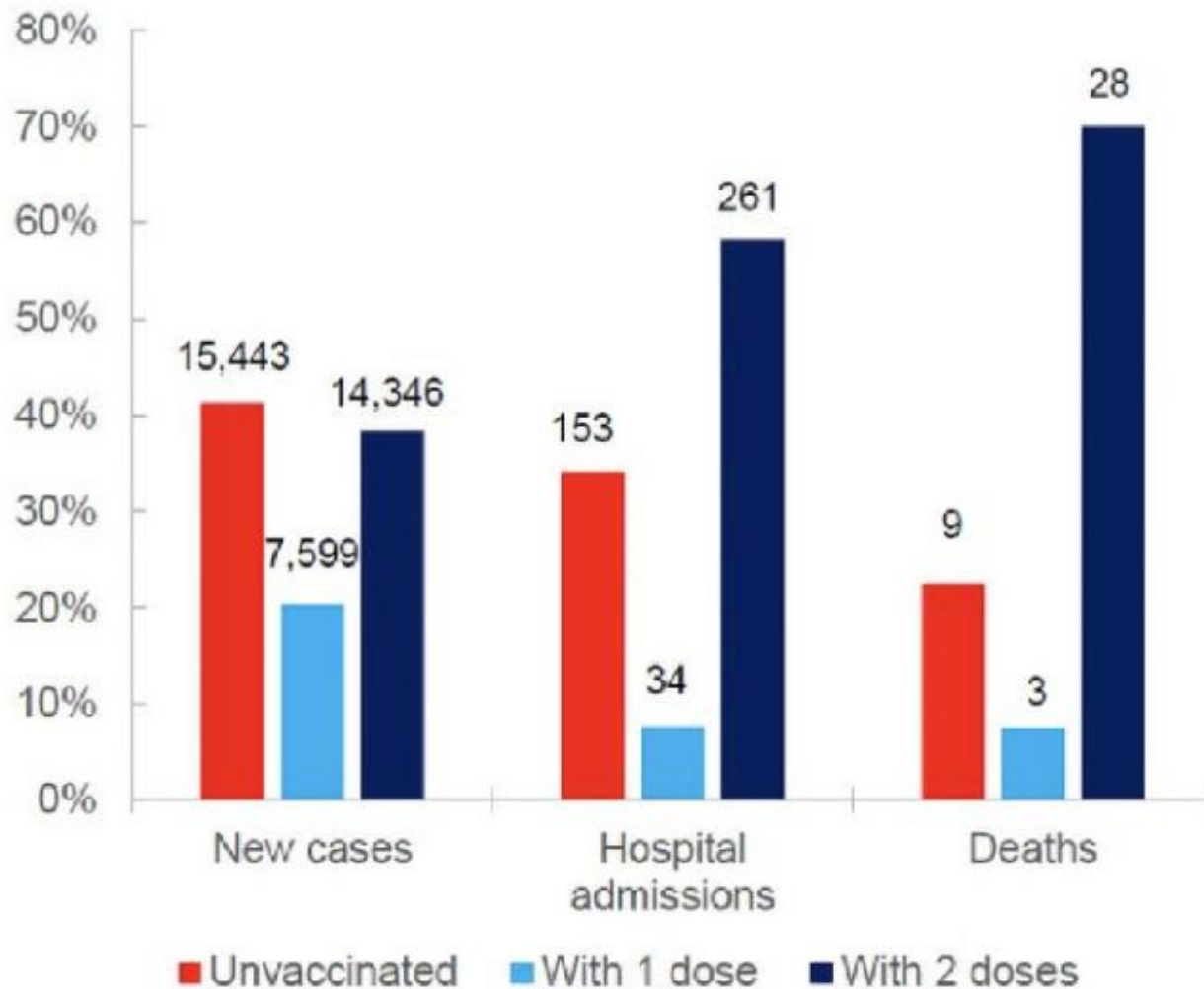
Yagisawa, Morimasa, et al. "Global trends in clinical studies of ivermectin in COVID-19."

*The Japanese Journal of Antibiotics* 74 (2021): 1.

# Public Health of Scotland Citi Research

Figure 21. Vaccination offers protection - but not immunity

Covid infection statistics by vaccination status, Scotland, past seven days, percent of total and actual numbers



Source: Citi Research, Public Health Scotland

???

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???



# Asymptomatic Spread of Infection ?

- Diamond Princess Cruise Ship
- ?? “The data did not allow identification of the infectiousness of asymptomatic infections.” (Emery, Jon, 2020)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7527238/>

Emery, Jon C., et al. "The contribution of asymptomatic SARS-CoV-2 infections to transmission on the Diamond Princess cruise ship." *eLife* 9 (2020).

# No Asymptomatic Spread -Cao

- Wuhan City-wide SARS-CoV-2 PCR screening May 14 - June 1, 2020. (Cao, 2020)
- All city residents >6 yrs (9,899,828 or 92.9%) participated.
- No new symptomatic cases.
- 300 asymptomatic cases (detection rate 0.303/10,000, 95% CI 0.270–0.339/10,000) were identified.
- There were no positive tests amongst 1,174 close contacts of asymptomatic cases.

Cao, Shiyi, et al. "Post-lockdown SARS-CoV-2 nucleic acid screening in nearly ten million residents of Wuhan, China." *Nature communications* 11.1 (2020): 1-7.

# No Asymptomatic Spread - Madewell

- The secondary attack rate for symptomatic index cases was **18.0%** (95% CI 14.2%-22.1%)
- The rate of asymptomatic and presymptomatic index cases was **0.7%** (95% CI 0%-4.9%), “although there were few studies in the latter group.”
- The asymptomatic/presymptomatic secondary attack rate is **not statistically different from zero**, and the confidence interval is technically  $0.7 \pm 4.2$ , resulting in a range of **-3.5% to +4.9%**, but attack rates cannot be negative, so it is truncated at 0. (Madewell, 2020)

Madewell, Zachary J., et al. "Household transmission of SARS-CoV-2: a systematic review and meta-analysis." JAMA network open 3.12 (2020): e2031756-e2031756.

Maria Van Kerkhove,  
Head of the World Health Organization's  
Emerging Diseases and Zoonosis unit



**World Health  
Organization**



# WHO - No Aysmptomatic Spread

- 6/9/2020 Maria Van Kerkhove, head of the World Health Organization's emerging diseases and zoonosis unit:
- "From the data we have, it still seems to be **rare** that an asymptomatic person actually transmits onward to a secondary individual," Maria Van Kerkhove, WHO June 2020.

<https://edition.cnn.com/2020/06/08/health/coronavirus-asymptomatic-spread-who-bn/index.html>

Maria Van Kerkhove, head of the World Health Organization's emerging diseases and zoonosis unit, 1999, BS Biology Cornell University. In 2000, M.S. in epidemiology from Stanford University School of Medicine. 2009, Ph.D. in infectious disease epidemiology from the London School of Hygiene & Tropical Medicine, Thesis on the avian flu in Cambodia

# 180 on WHO No Asymptomatic Spread

- A WHO official (van Kerkhove) in June walked back her statement that spread from asymptomatic patients appeared to be "very rare." The comments were renounced following criticism from the scientific community, including Dr. Anthony Fauci, the country's top infectious disease expert, who called the remarks "not correct." August 26, 2020 Amy McGorry | Fox News

<https://edition.cnn.com/2020/06/08/health/coronavirus-asymptomatic-spread-who-bn/index.html>

Maria Van Kerkhove, head of the World Health Organization's emerging diseases and zoonosis unit, says transmission of the coronavirus by people who.

# No Asymptomatic Testing COVID



Centers for Disease  
Control and Prevention

## Division of Laboratory Systems (DLS)

07/21/2021: Lab Alert: Changes to CDC RT-PCR for SARS-CoV-2 Testing

- After December 31, 2021, CDC will withdraw the request to the U.S. Food and Drug Administration (FDA) for Emergency Use Authorization (EUA) of the CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time RT-PCR Diagnostic Panel, the assay first introduced in February 2020 for detection of SARS-CoV-2 only.

Laboratory Alert 7/21/21 CDC changes to CDC PCR Testing

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# CDC : No Asymptomatic Testing COVID

- August 26, 2020 Amy McGorry . Fox News CDC changes coronavirus testing guidance; asymptomatic people no longer require test.
- June 25, 2021 WHO Recommendations for national SARS-CoV-2 testing : Widespread testing of asymptomatic populations, including through self-testing, is **not currently recommended.**

August 26, 2020 Amy McGorry | Fox News

June 25, 2021 WHO Recommendations for national SARS-CoV-2 testing strategies and diagnostic capacities interim guidance COVID-19: Laboratory and diagnosis



# Ivermectin is FDA Approved

- Ivermectin is FDA approved (1988) for treatment of parasitic disease.
- Used by 700 million people - Free Program by Merck. (Draganov 2021)
- Using Ivermectin as Anti-Viral is considered Off Label Use.

Draganov, Dobrin, et al. "Ivermectin converts cold tumors hot and synergizes with immune checkpoint blockade for treatment of breast cancer." *NPJ breast cancer* 7.1 (2021): 1-11.

# 8/24/21 Democrat Oregon - CR and Masks

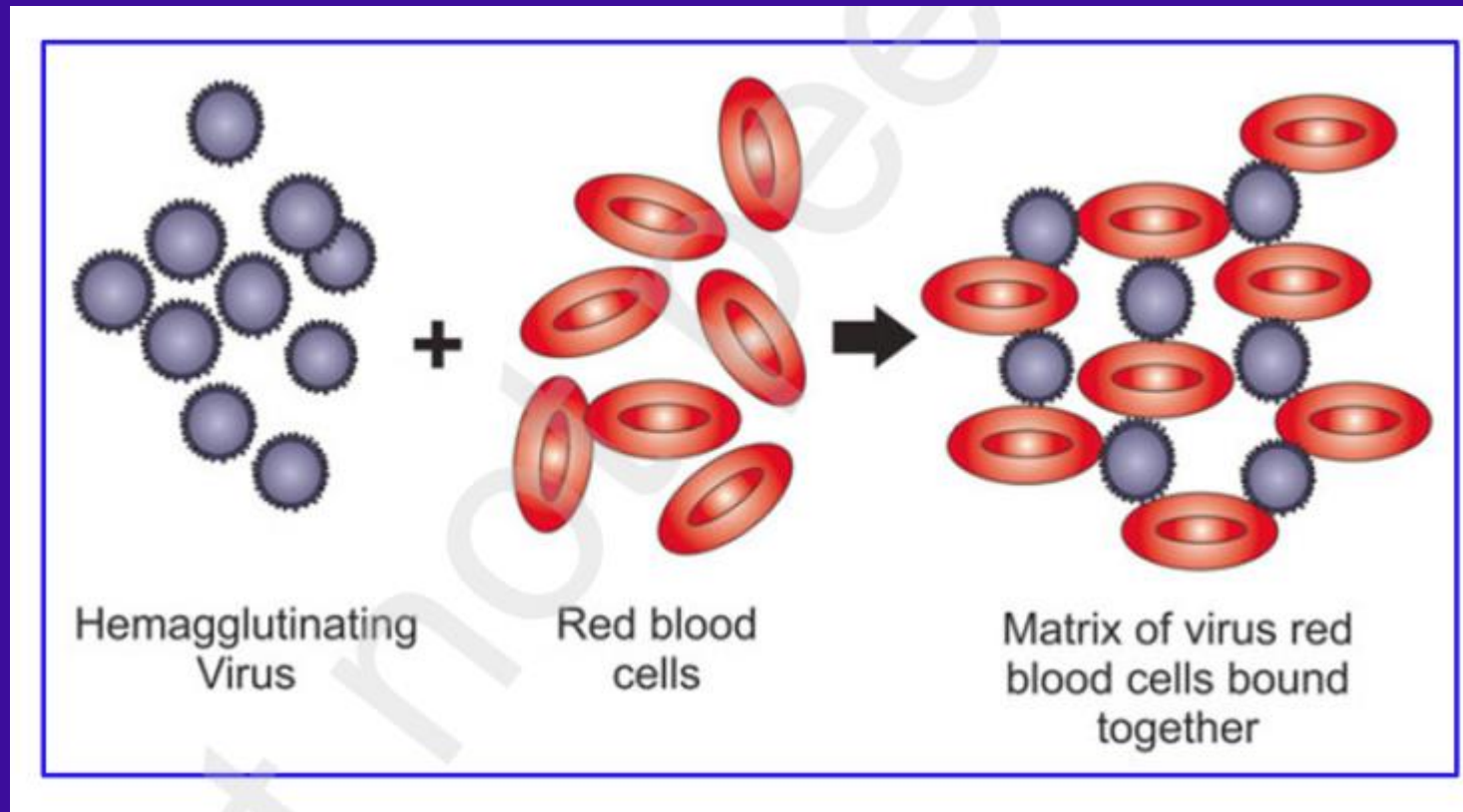
- Oregon Will Require People To Wear Masks Outdoors Even if They're Vaccinated.
- The government "strongly recommends" masking at private outdoor gatherings as well.
- "It does not make much sense to require all people to wear masks outdoors when only the unvaccinated are at significant risk of being hospitalized with or dying from COVID-19." ??
- No Mention of COVID Recovered ?? AKA GOV Abbott. ?

# Ivermectin Anti-Viral Mechanism

- Ivermectin stops viral entry to the nucleus of human cells.
- Ivermectin binds to Importin  $\alpha$ , preventing the SARS-CoV-2-IMP $\alpha/\beta$  from forming. This prevents entry into the nucleus. Thus no viral replication happens.
- Anti-Inflammatory: Inhibits NF-kB, IL6, TNF
- IVM binds to the S protein of the virus making it unavailable to bind with CD147.

Zaidi, Asiya Kamber, and Puya Dehgani-Mobaraki. "The mechanisms of action of Ivermectin against SARS-CoV-2: An evidence-based clinical review article." *The Journal of Antibiotics* (2021): 1-13.

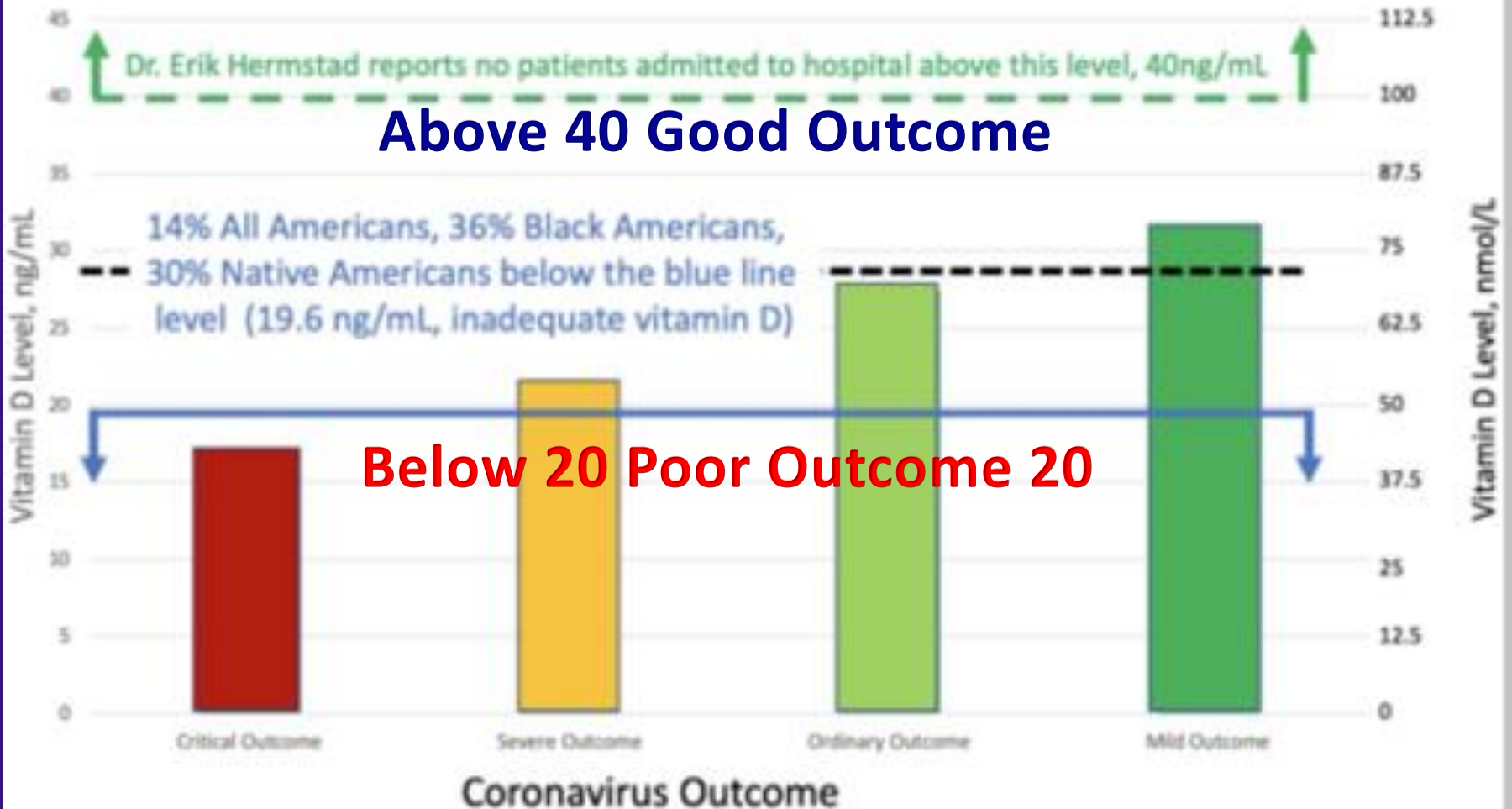
# Ivermectin Anti-Viral Mechanism



- Figure 4. Illustration of the hemagglutination process. Nature (Killian, 2014).<sup>172</sup> Hemagglutination is common for several strains of enveloped viruses and is the basis of a widely used viral assay technique. For SARS-CoV-2, hemagglutination could be mediated by the binding of viral spike protein to CD147 rather than by a viral hemagglutinin esterase glycoprotein.

# \* Vitamin D Level Determines Outcome

Covid-19 Outcome vs. Vitamin D Level

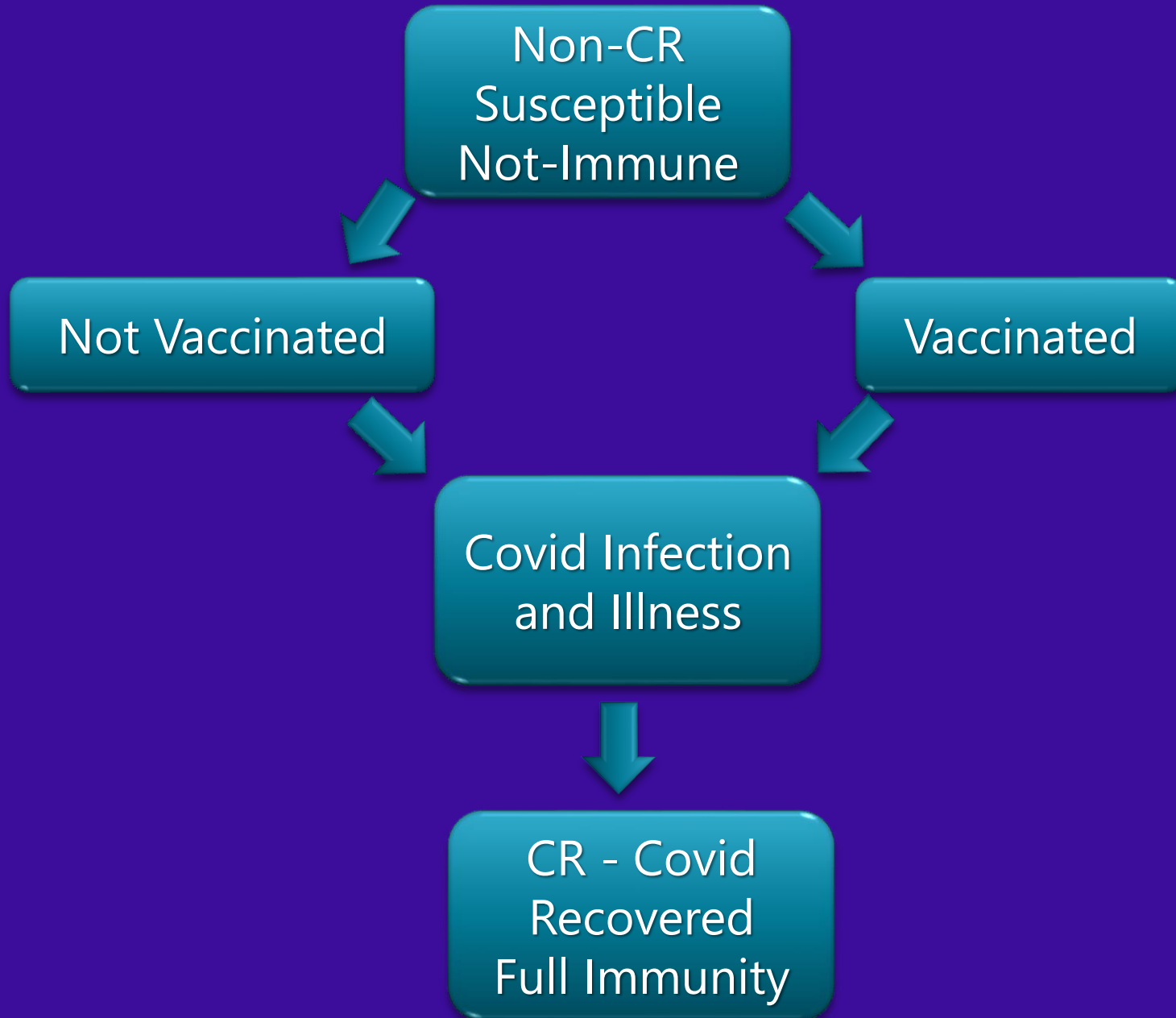


# Peru 14-fold reduction in excess mortality

- During mass IVM treatments in Peru, excess deaths fell by a mean of 74% over 30 days in its ten states with the most extensive treatments. Reductions in deaths correlated with the extent of IVM distributions in all 25 states with  $p < 0.002$ .

Chamie-Quintero, Juan, Jennifer A. Hibberd, and David Scheim. "Ivermectin for COVID-19 in Peru: 14-fold reduction in nationwide excess deaths,  $p = .002$  for effect by state, then 13-fold increase after ivermectin use restricted." (2021).

# What is the END GAME ? CR Full Immunity



# What is the END GAME ? CR Full Immunity

Non-CR

## IVERMECTIN FOR COVID-19

**56 TRIALS, 469 SCIENTISTS, 18,447 PATIENTS**

**28 RANDOMIZED CONTROLLED TRIALS**

**85% IMPROVEMENT IN 14 PROPHYLAXIS TRIALS RR 0.15 [0.09-0.25]**

**78% IMPROVEMENT IN 23 EARLY TREATMENT TRIALS RR 0.22 [0.12-0.39]**

**46% IMPROVEMENT IN 19 LATE TREATMENT TRIALS RR 0.54 [0.40-0.72]**

**74% IMPROVEMENT IN 20 MORTALITY RESULTS RR 0.26 [0.15-0.44]**

**66% IMPROVEMENT IN 28 RANDOMIZED CONTROLLED TRIALS RR 0.34 [0.24-0.50]**

SUMMARY OF RESULTS REPORTED IN IVERMECTIN TRIALS FOR COVID-19. 05/19/21. IVMMETA.COM

CR - Covid  
Recovered  
Full Immunity



# Breakthrough COVID infections show ‘the unvaccinated are now putting the vaccinated at risk’

[Health](#) Jul 29, 2021 6:07 PM EDT

When people are infected with the delta variant, Huffman said they produce a thousand times greater viral load than seen from the original COVID-19 strain. That means the delta variant is more efficient at spreading and every time an infected person coughs, sneezes or speaks, they potentially release much more of the virus — and opportunities to get someone else sick — than earlier in the pandemic.

“We don’t trust the honor system,” said Wen, an emergency physician and public health professor at George Washington University and a former public health commissioner for Baltimore. “The unvaccinated are now putting the vaccinated at risk.”

**COMMENTARY**

# It's OK to blame the unvaccinated — they are robbing the rest of us of our freedoms

In a choice between mask and vaccine mandates, only one can restore our sense of normalcy

By **AMANDA MARCOTTE** PUBLISHED AUGUST 12, 2021 1:07PM (EDT)



[CORONAVIRUS](#) | News

# Unvaccinated people are 'variant factories,' infectious diseases expert says

Maggie Fox

[CNN Digital](#)  
[Contact](#)

Published Saturday, July 3, 2021 8:58AM EDT

Last Updated Saturday, July 3, 2021 9:38PM EDT



Fact Check

# Fact Check: A Vaccinated Person Is NOT Wrong To Think An Unvaccinated Person Is A Threat To Their Health

🕒 Jul 29, 2021    🍃 by: Dean Miller

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Exploring Fight for Repa...

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**OPINION** *This piece expresses the views of its author(s), separate from those of this publication.*

# It's time to start shunning the 'vaccine hesitant.' They're blocking COVID herd immunity.

*Enough analysis of these human petri dishes. Everyone who wants a vaccine will soon have one, and proof should be required to work, play and travel.*

**Michael J. Stern** Opinion columnist


Published 4:00 a.m. ET Apr. 30, 2021 | Updated 1:25 p.m. ET May 2, 2021

WCNC 

# **VERIFY: Does an unvaccinated, maskless person only pose risk to themselves?**

Vanessa Ruffes · 5/20/2021





# COVID-19 AND THE GLOBAL PREDATORS:

*WE ARE THE PREY*

*With Introductions by  
Leading COVID-19 Physicians*

Peter A. McCullough MD, MPH

Elizabeth Lee Vliet MD

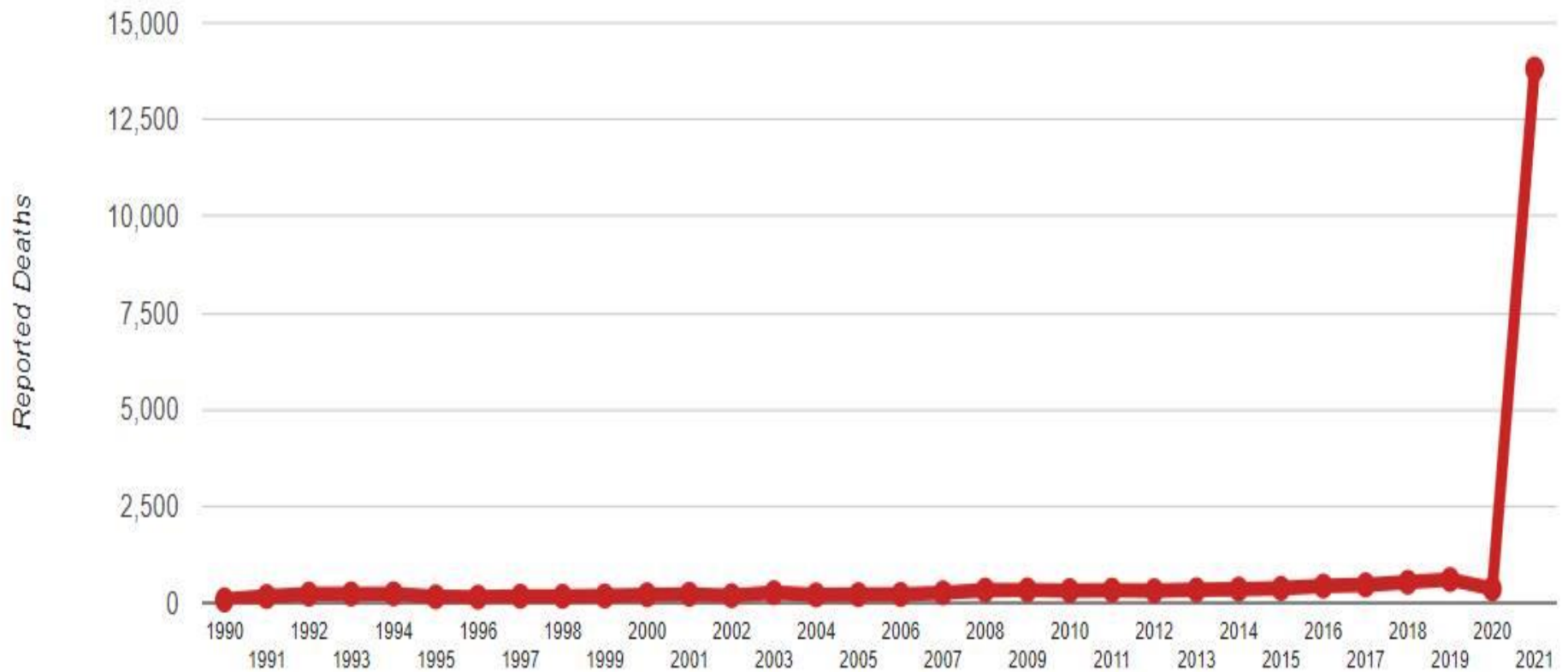
Vladimir "Zev" Zelenko MD

**Peter R Breggin MD  
Ginger Ross Breggin**

Bestselling Authors of  
*Talking Back to Prozac*

# Vaers Death Reports

All Deaths Reported to VAERS by Year



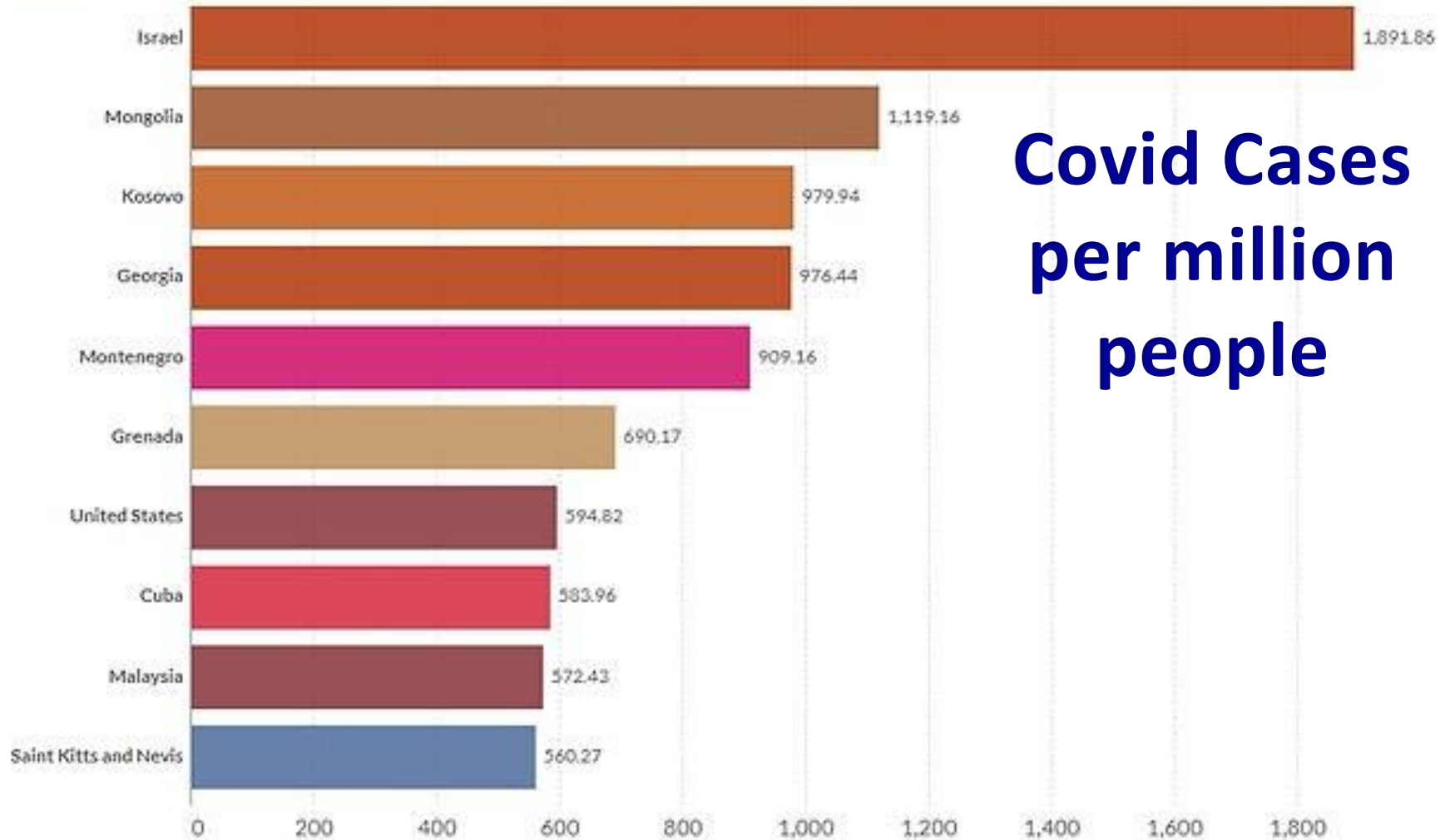


# Daily new confirmed COVID-19 cases per million people, Sep 1, 2021

The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.

LINEAR LOG

## Israel Vaccine Failure 9/1/21



# Covid Cases per million people

Source: Johns Hopkins University CSSE COVID-19 Data

CC BY

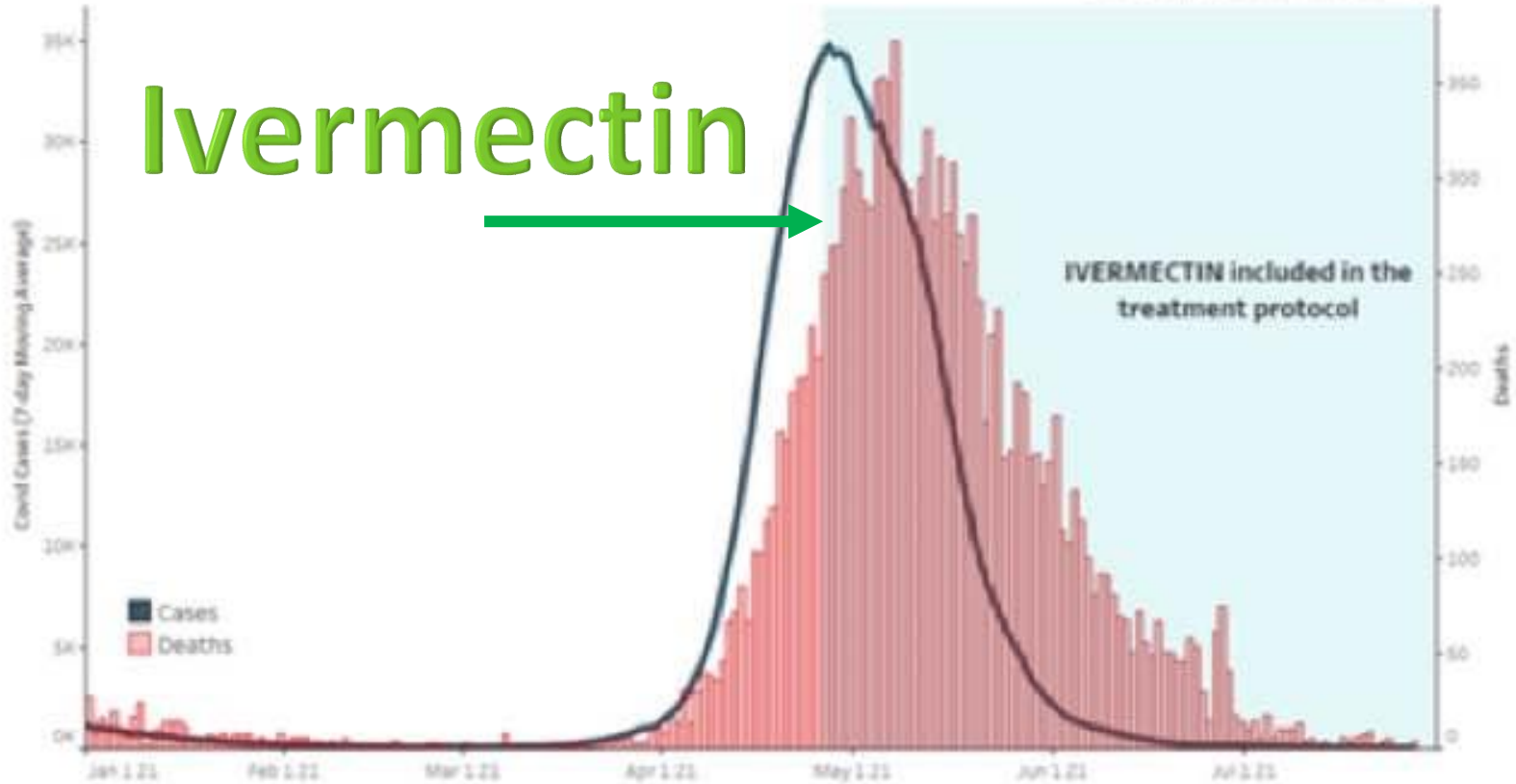
▶ Jan 23, 2020

○ Sep 1, 2021

# Ivermectin for Covid-19 in Uttar Pradesh India

## COVID-19 in Uttar Pradesh (India)

Source: [api.covid19india.org](https://api.covid19india.org)  
Data Analyst: Juan Chama @juchama



# Ivermectin for Veterinary Use Available on Amazon



**Bimectin**  
(ivermectin) Paste 1.87%

**Bimeda**  
Removes worms and bots with a single dose.  
Contents will treat up to 1250 lb body weight  
ANADA 200-326, Approved by FDA

**Bimectin**<sup>®</sup>  
(ivermectin) Paste 1.87%

ANTHELMINTIC AND BOTICIDE FOR ORAL USE IN HORSES ONLY  
KEEP OUT OF REACH OF CHILDREN

Net Wt. 0.21 oz (6.08 g)

Apple Flavored!

A photograph of a brown horse running in a green field. An apple is visible in the bottom right corner of the image.

Keep out of reach of children.  
For Oral Use In Horses Only

**DURAMECTIN**  
(ivermectin) PASTE 1.87%

Anthelmintic & Boticide

Net Wt. 0.21 oz (6.03 g)  
Removes worms and bots with a single dose  
Contents will treat up to 1250 lb body weight  
ANADA# 200-326 Approved by FDA

**durvet**

**DURAMECTIN**  
(ivermectin) PASTE 1.87%

Removes Worms & Bots

A photograph of a grey horse and its foal running in a field.

# September 21 2021

## AMA Opposes Use of Life Saving Drug –IVM

SEP 1, 2021

---

WASHINGTON, DC – The American Medical Association (AMA), American Pharmacists Association (APhA), and American Society of Health-System Pharmacists (ASHP) **strongly oppose the ordering, prescribing, or dispensing of ivermectin to prevent or treat COVID-19 outside of a clinical trial.**

**Physicians Have Off-Label Prescribing Privileges.  
Pharmacies are legally bound to fill prescriptions.**

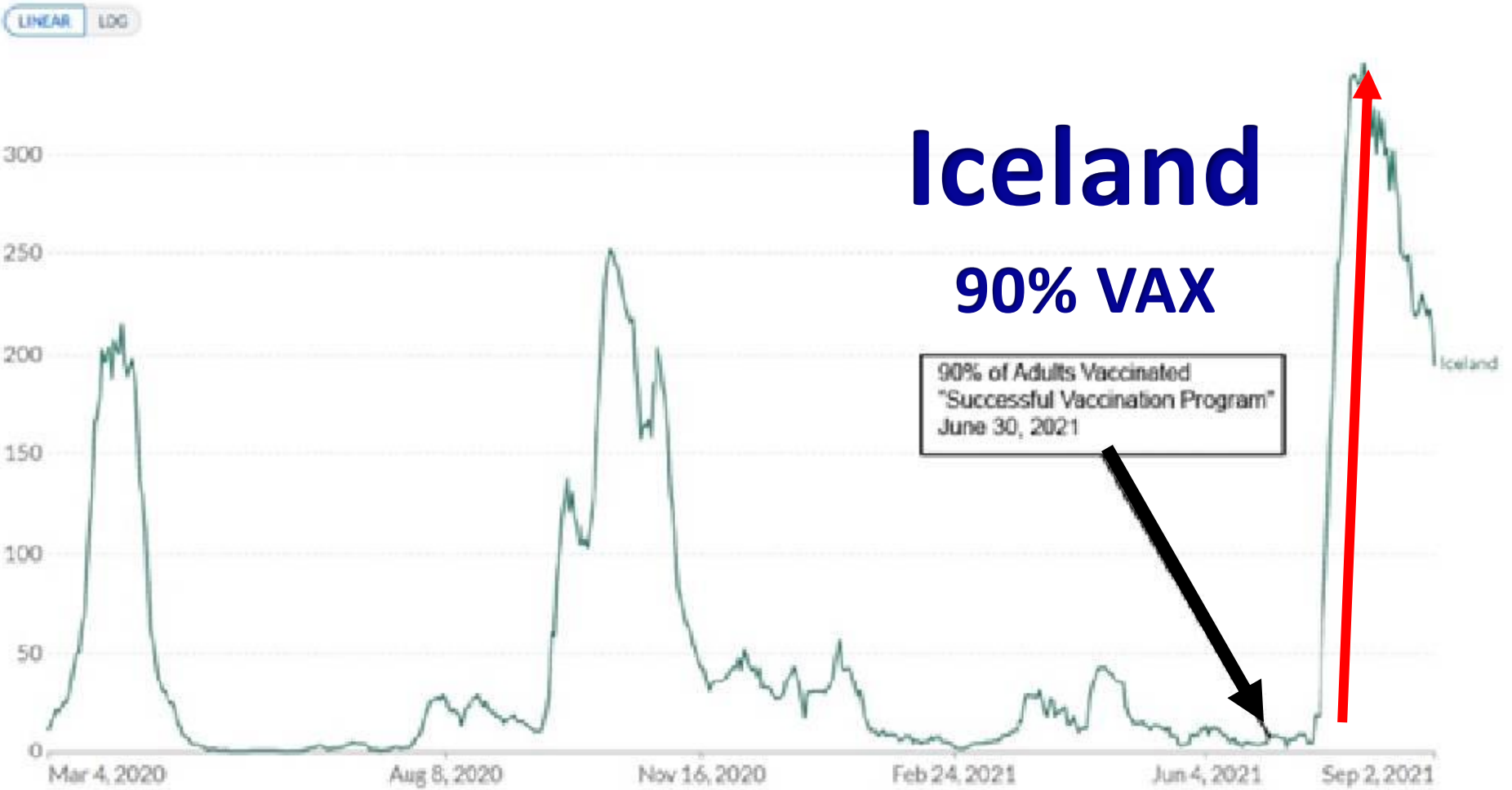
Sep 1, 2021 Press Release AMA statement on ending use of ivermectin to treat COVID-19

# FDA on Off Label Use

- Why might an approved drug be used for an unapproved use?
- From the FDA perspective, once the FDA approves a drug, healthcare providers generally may prescribe the drug for an unapproved use when they judge that it is medically appropriate for their patient.

# Iceland COVID Cases - Vaccine Efficacy

## Iceland: Daily New Confirmed COVID-19 Cases Per Million People



**Iceland**  
**90% VAX**

90% of Adults Vaccinated  
"Successful Vaccination Program"  
June 30, 2021

Source: Johns Hopkins University/CSSE COVID-19 Data

CC BY

Source: John Hopkins University

# Israel-Vaccine Death Rate = 40 X Covid

- “In those older than 65 yrs vaccinated, 0.200 % Died during the 3-week period between doses, (200 Deaths among 100,000 Vaccinated)
- This is compared to the 4.91 per 100,000 (0.005%) Dying from COVID-19 without vaccination.”
- “Vaccine death rate for Israel’s elderly **40 times higher** than COVID-19 Deaths”: 3/1/21 –LifeSiteNews Aix-Marseille University Faculty of Medicine Emerging Infectious and Tropical Diseases Unit's Dr. Hervé Seligmann and engineer Haim Yativ  
<https://www.lifesitenews.com/news/experimental-vaccine-death-rate-for-israels-elderly-40-times-higher-than-covid-19-deaths-researchers/>

# Vaccine Failure - Delta Strain

- Israel Data for Month of July
- 86% of confirmed Covid cases fully vaccinated
- 85% of population Fully Vaccinated
- Of Fully Vaccinated COVID Breakthrough Cases in Hospital- 20-25% Mortality
- Of Covid Recovered with Natural Immunity, Zero Breakthrough Cases, Zero Mortality.

A grim warning from Israel: Vaccination blunts, but does not defeat Delta. With early vaccination and outstanding data, country is the world's real-life COVID-19 lab 16 Aug 2021 By Meredith Wadman Science Magazine



# Natural Immunity Vs. Vaccine Immunity

- No Hospitalization or Deaths reported in Covid Recovered (CR-Unvaccinated or CR-Vaccinated)
- Natural Immunity is Robust, Durable and Complete

<https://www.cdc.gov/vaccines/covid-19/health-departments/breakthrough-cases.html>

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# COVID Policy Should be Based on Risk of Seasonal Flu

## USA IFR Seasonal Flu (per 100,000)

| Age <65  | Age 65-74 | Age >75 |
|----------|-----------|---------|
| 0.6      | 8.6       | 49.4    |
| .006 % * | .086 %    | .494 %  |

\*<25 yrs old Covid IFR = Flu IFR

Iuliano, A. Danielle, et al. "Estimates of global seasonal influenza-associated respiratory mortality: a modelling study." *The Lancet* 391.10127 (2018): 1285-1300.