Due to Operation Warp Speed, public health is under unprecedented scrutiny to deliver a Covid-19 vaccine that is safe and effective. However, for more than 30 years, our public health agencies have ignored valid concerns and have failed to address repeated public complaints regarding vaccine safety. With significant public hesitancy about the vaccine’s safety, a larger discussion is warranted.

**Top 5 coronavirus vaccine candidates:**

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<th>Candidate</th>
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| Moderna Therapeutics          | (in phase 3 trials) | - mRNA technology  
- Contains the adjuvant PEG (polyethylene glycol), a substance shown to trigger serious adverse immune responses  
- In the first phase of human trials 100% of participants in the medium & high-dose groups had an adverse event.  
- 21% of participants in the high dose group had a “serious” adverse event. |
| BioNTech & Pfizer             | (in phase 2/3 trials) | - mRNA technology  
- 50% of those aged 18 – 55 in Pfizer’s trial had adverse events  
- No second dose of the highest dose vaccine was given due to “unsatisfactory tolerability” by trial participants |
| Astrazeneca & Oxford Centre   | (in phase 1/2 trials) | - The trials were temporarily suspended due to three severe adverse events. There has been one death reported, one participant developed MS, another developed transverse myelitis.  
- Uses a genetically-engineered chimp adenovirus (another use of a monkey virus, SV40, is known to cause cancer.)  
- No true saline placebo used. The meningitis vaccine is being used as the comparator which masks the adverse events of the COVID vaccine, as the meningitis vaccine has many pronounced side effects. |
| Johnson & Johnson             | (in phase 1/2 trials) | - Genetic splicing of human adenovirus with coronavirus spike protein  
- Adenovirus–based products have been linked to serious adverse events such as lethal inflammatory responses, resulting in the death of an 18 year-old in 1999 |
| Sanofi & GlaxoSmithKline      | (in phase 1 trials) | - Use of a genetically–engineered virus  
- A503, a squalene adjuvant, has many documented health concerns. Squalene, intended to elicit a strong immune response, is suspected as the culprit in both Gulf War Syndrome and H1N1 Narcolepsy. |

Learn more at childrenshealthdefense.org/warpspeed