

**Klachkova, Anastasiya (CSC/SCC)**

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**From:** Dunn Kathleen (NHQ-AC)  
**Sent:** March 9, 2021 5:58 PM  
**To:** Clement Chris (NHQ-AC); Boudreau Harold (NHQ-AC)  
**Subject:** Could mixing COVID vaccines boost immune response?

Great discussion by CCMOH on today's SAC call regarding vaccines, P/T plans for different vaccines, % where reach herd "protection" vs immunity, impact of CDC guidance (pressures around recommendations post vaccination) etc...  
There was a commitment to a consensus statement to address issues and seek consistency in messaging where possible, to build trust / confidence and address the issues in one statement.

With each new release and media report, more questions than answers It is all fascinating and confusing at the same time for the general public And how to plan for hesitancy - already seeing reports ~ lower uptake by HCWs in some settings

Harold, no wonder these are great conversations on the morning calls when vaccines is the topic of the day.  
Kathy

In case you have not seen this ...

Could mixing COVID vaccines boost immune response?  
Combining different coronavirus shots could speed immunization campaigns — and even boost immune response.  
<https://www.nature.com/articles/d41586-021-00315-5>

"Study in UK to determine effectiveness of (heterologous) (mixed vaccine) platforms - AZ + Pfizer. Interestingly, superior efficacy vs same vax in animal studies. Not unlike extended dose intervals, this is novel but promising. Results by June hopefully.

Concept is to enhance immune response via different mechanisms of triggering antibody production. Does this improve the odds of more fully vaccinating a lot of people if it works? Sure. Is it a political decision? No. It's science. Science is amazing."