



Ethics Deliberation: COVID-19 Vaccines

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Vaccine Trials

Pfizer	Moderna	Janssen/J&J
International Study 76.7% US, 15.3% from Argentina, 6.1% from Brazil, and 2.0% from South Africa	U.S. Study	International Study 47 % U.S, 53% in rest of world including S. Africa, Brazil and 5 Latin American countries
Summer 2020-Fall 2020	Summer 2020-Fall 2020	Fall 2020- Winter 2021
45,000 participants	30,000 participants	44,000 participants
46% underlying conditions	22% underlying conditions	41% underlying conditions



Vaccines Similarities/Differences

	Pfizer	Moderna	Janssen/J&J
Type	mRNA – spike protein	mRNA—spike protein	Viral vector—spike protein
Doses	2	2	1
Peak Effectiveness	7 days after 2 nd dose (4 weeks)	14 days after 2 nd dose (6 weeks)	28 days after 1 st dose (4 weeks)
Authorized groups	≥ 16 years	≥ 18 years	≥ 18 years
Contraindications	Only allergy to COVID-19 vaccine and ingredients	Only allergy to COVID-19 vaccine and ingredients	Only allergy to COVID-19 vaccine and ingredients

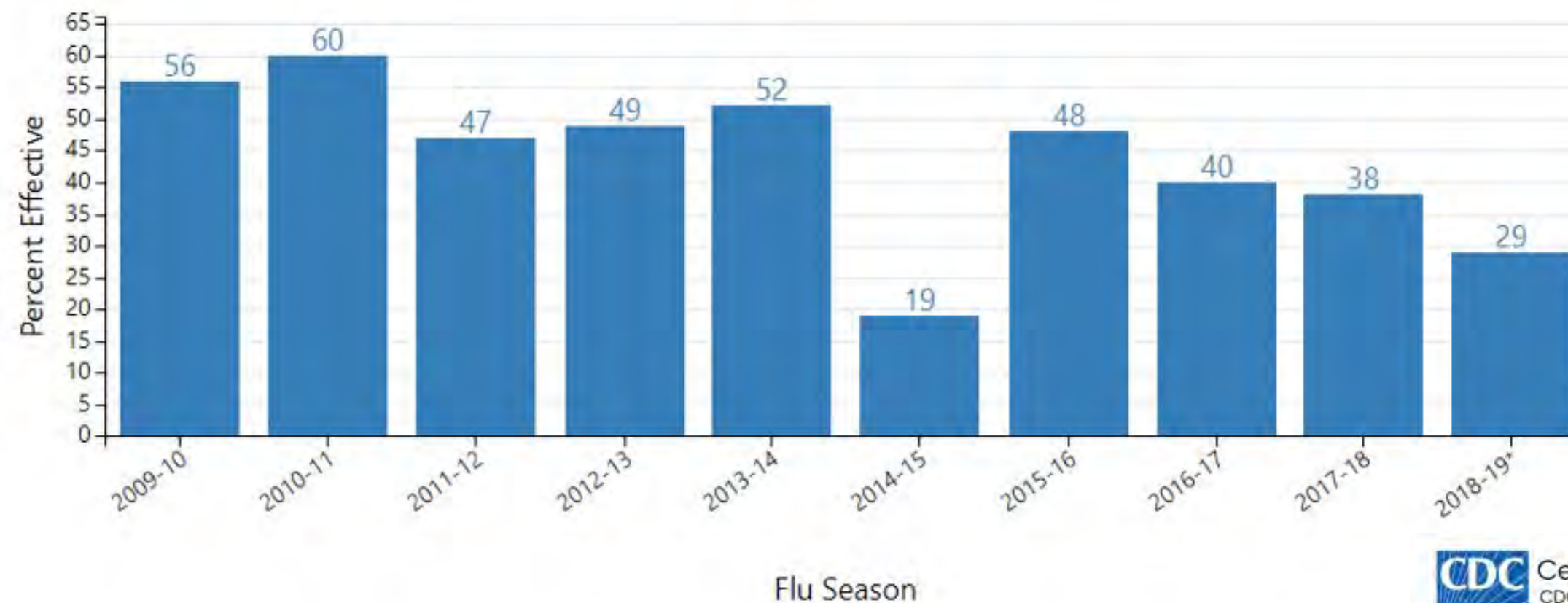
→ Efficacy

Vaccine Efficacy	Pfizer (n=~36,500)			Moderna (n=~28,000)			Janssen/J&J (n=~38,500)		
	V	P	VE%	V	P	VE%	V	P	VE%
Symptomatic	8	162	95%	5	90	95%	66	193	66%
Symptomatic in US							32 (8958)	112 (8835)	72%
Severe Dz	1	3	67%*	0	11	100%*	5	34	85%*
Hospitalized	0	2	100%*	0	3	100%*	0	7	100%*
COVID Death	0	0	--	0	0		0	7	100%*

→ How do they compare to other vaccines?

- Very rare to see this rate of effectiveness
- Flu vaccine much less effective, still prevents thousands of flu deaths

Seasonal Flu Vaccine Effectiveness



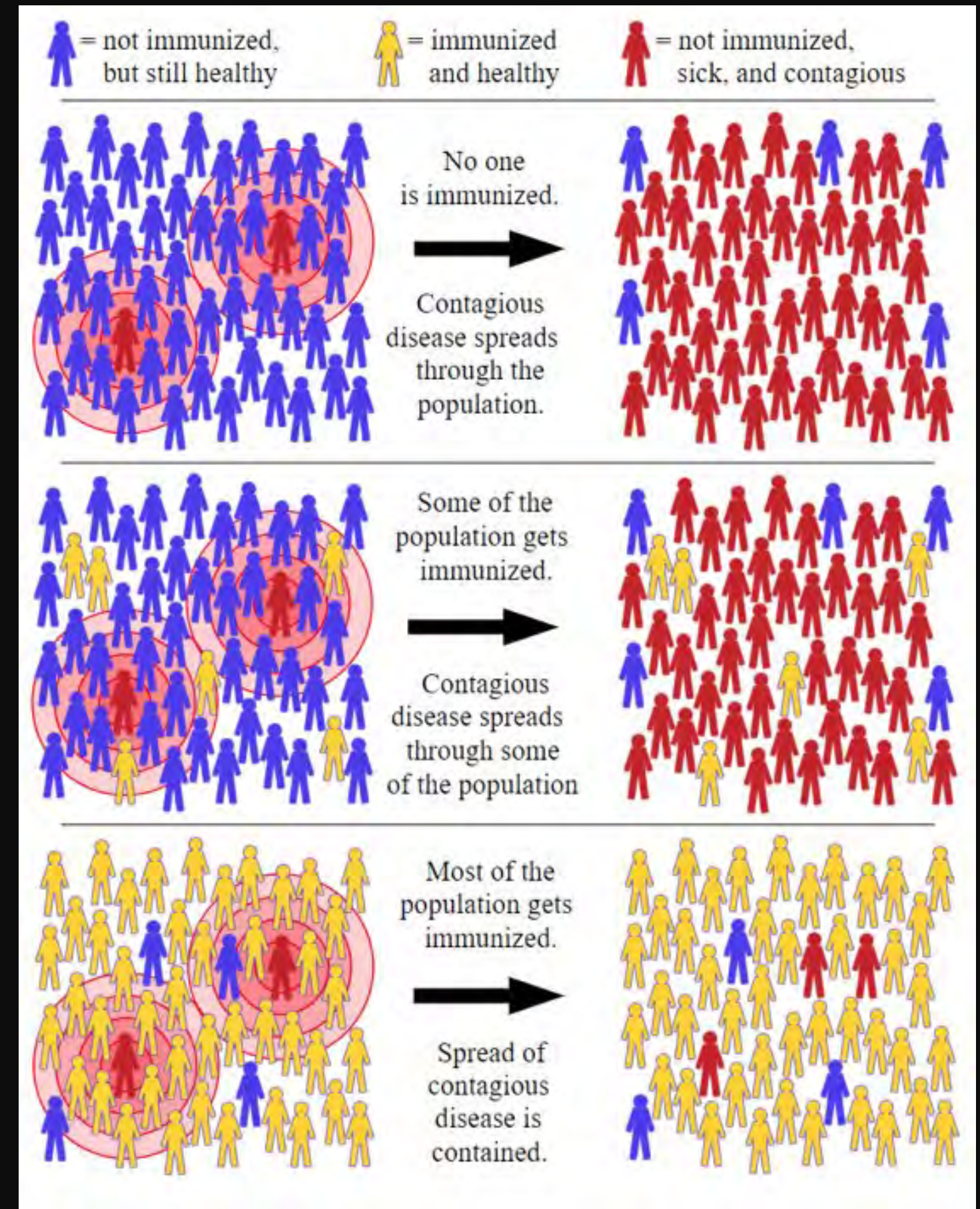
CDC Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

Influenza (Flu)

Vaccinations are voluntary

It is up to you!

Health experts say 70-90% of us will need vaccinations to stop wearing masks, safely hug our friends and family, and get back to normal.





Where can I get a vaccine?

- **Oregon Convention Center**
 - getvaccinated.oregon.gov
 - Fill out form to receive call/text when vaccine is available
- **OHSU Drive-thru (airport/Hillsboro Stadium)**
 - Search for OHSU and vaccine (page will pop up)
 - Make appointment online
- **Pharmacies: Walgreens, Safeway, Albertsons, Costco**
 - Make appointments online
- **Washington County community clinics**
 - Watch our [vaccine](#) and [vacuna](#) and Facebook pages for specific events
- **Washington County Message Center**
 - For people without internet access or who need language assistance