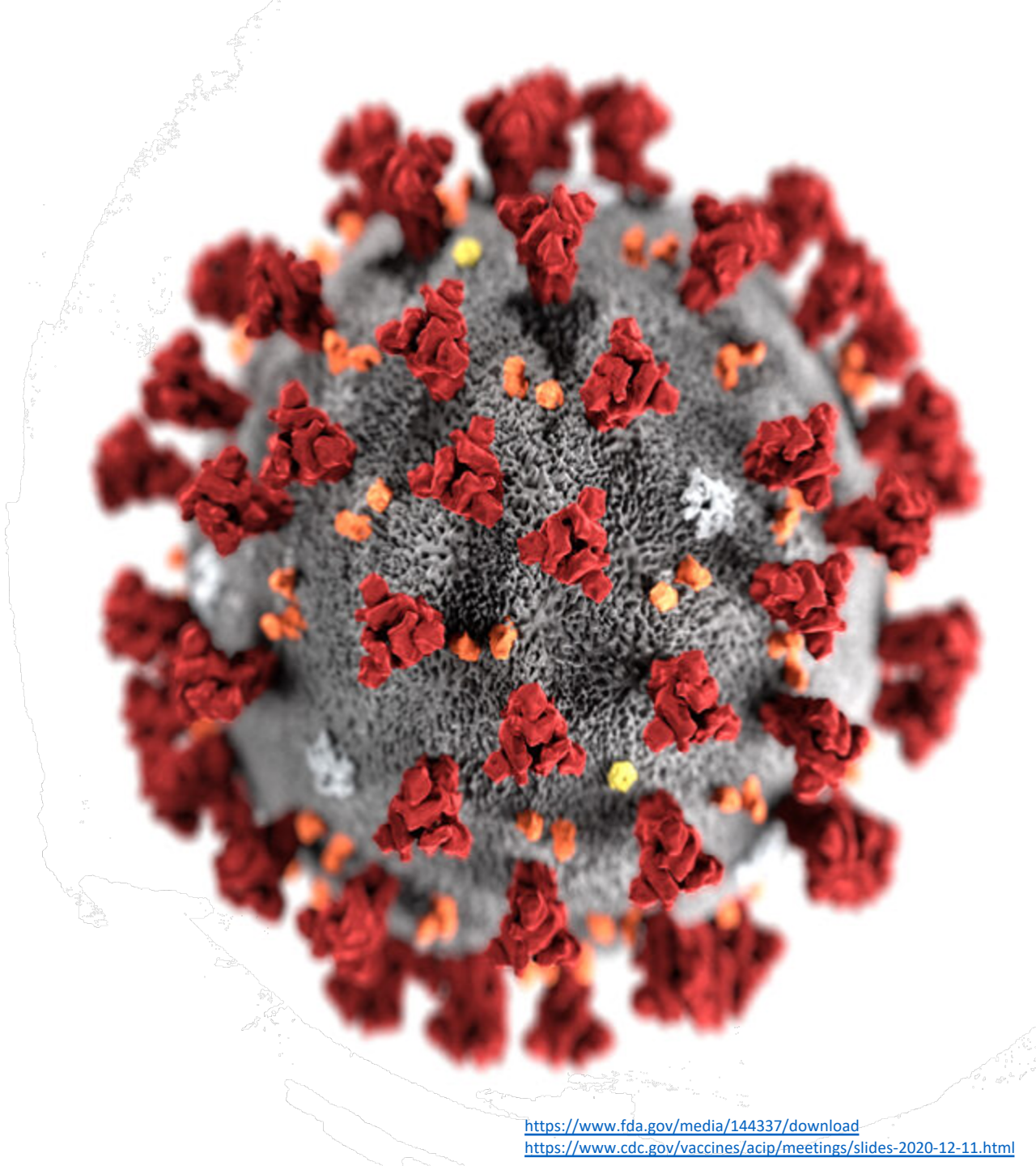


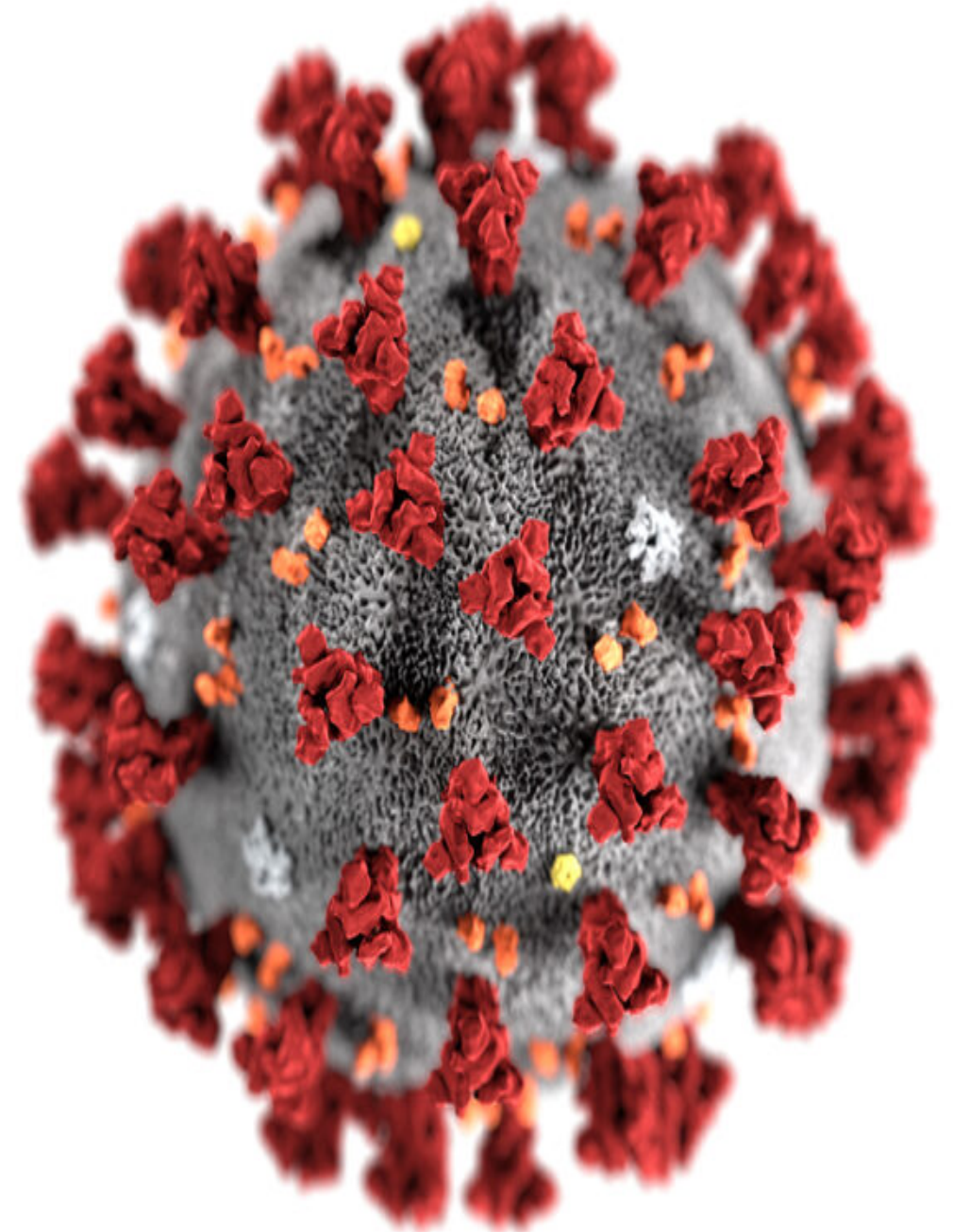
# Side Effects of Pfizer BioNTech COVID-19 Vaccine

- **Local Reactions** occurring within 7 days were common
  - Injection site pain was most common
  - Worse with 1<sup>st</sup> dose
- **Systemic Reactions** were common
  - Fatigue, headache, and muscle pain was most common
  - Fever more common after 2<sup>nd</sup> dose
- Symptom onset was 1-2 days post-vaccine
- Symptoms generally resolved after median of 1 day
- Reactogenicity tended to be worse in persons < 55 years old and after 2<sup>nd</sup> dose
- Individuals may want to consider getting vaccine the day prior to having 1-2 days away from healthcare related duties
- Most will not require missing work but if they do will need to take PTO



# Localized Side Effects

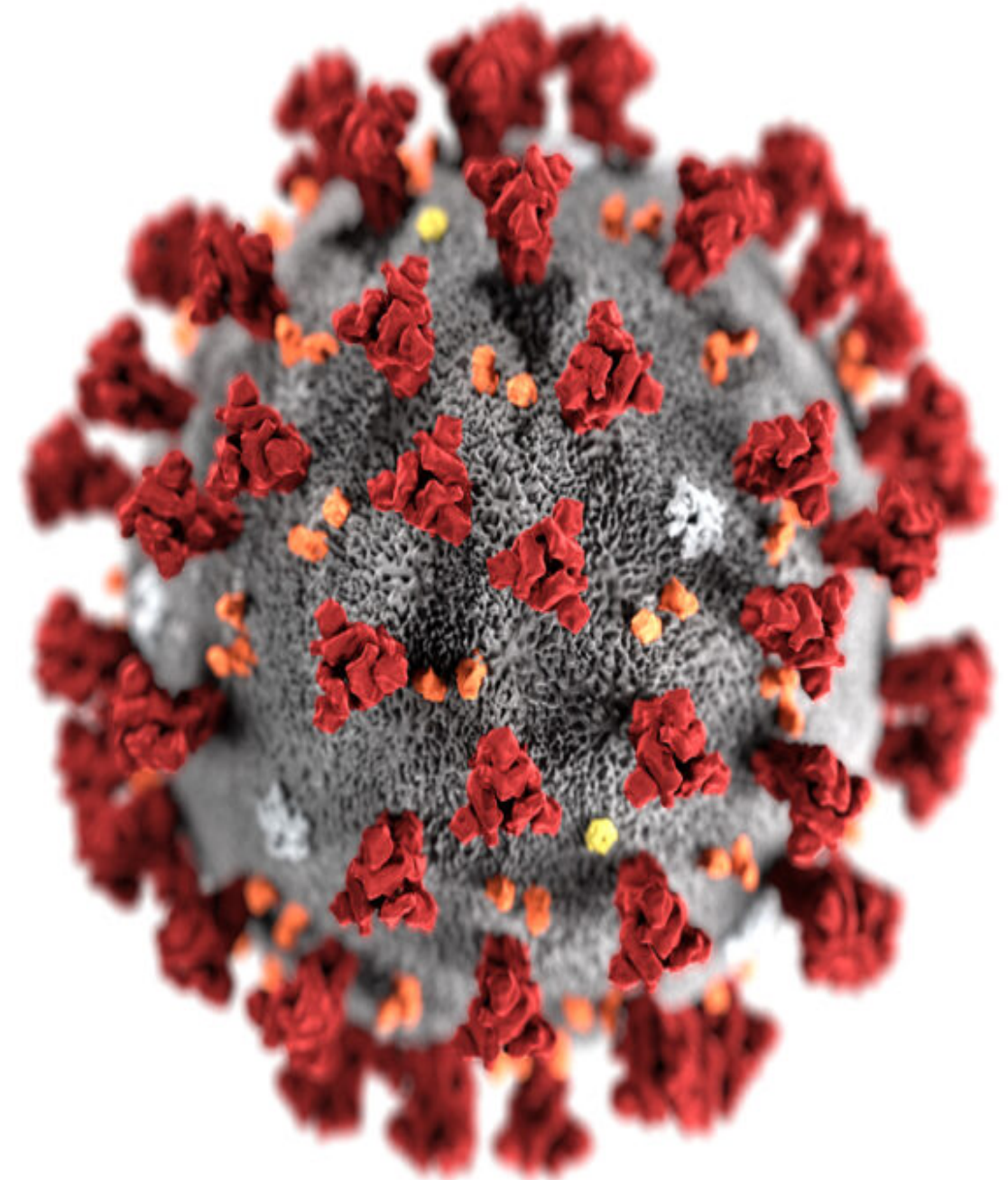
	16-55 y.o.		> 55 y.o.	
	<u>Dose 1</u>	<u>Dose 2</u>	<u>Dose 1</u>	<u>Dose 2</u>
Injection Site Pain	83.1%	77.8%	71.1%	66.1%
Swelling	5.8%	6.3%	6.5%	7.5%
Redness	4.5%	5.9%	4.7%	7.2%





# Systemic Side Effects

	16-55 y.o.		>55 y.o.	
	<u>Dose 1</u>	<u>Dose 2</u>	<u>Dose 1</u>	<u>Dose 2</u>
Fever (>38.0)	3.7%	15.8%	1.4%	10.9%
Fatigue	47.4%	59.4%	34.1%	39.0%
Headache	41.9%	61.7%	25.2%	39.0%
Chills	14.0%	35.1%	6.3%	22.7%
Vomiting	1.2%	1.9%	0.5%	0.7%
Diarrhea	11.1%	10.4%	8.2%	8.3%
Muscle Pain	21.3%	37.3%	13.9%	28.7%
Joint Pain	11.0%	21.9%	8.6%	18.9%



# Other Side Effects of the Vaccine

- **Lymphadenopathy**
  - Higher frequency in vaccine group compared to placebo
  - Vaccine group (64 participants)
  - Placebo group (6 participants)
  - Since localized lymph nodes are involved in the immune response, it is possible this could be related to the vaccine
- **Bell's Palsy**
  - Vaccine group (4 participants)
  - Placebo group (0 participants)
  - Unknown relationship

