### Are you ready?

## Vaccine recommendations and coming attractions



### **COVID**

again...still?



## Primary Series Updated Recommendations

- Unvaccinated (immunocompetent)
  - people ≥ 6 years = 1 bivalent dose
  - 5 year-olds, depends
    - Moderna = 2 bivalent doses
    - Pfizer = 1 bivalent dose
  - ≥ 6 months through 4 years, depends
    - Moderna = 2 bivalent doses
    - Pfizer = 3 doses



## Primary Series Updated Recommendations

Unvaccinated (immunocompromised)

3 bivalent doses



### Previously Vaccinated Updated Recommendations

- Immunocompetent
  - Use your resources!
    - Interim Clinical Considerations
    - Model Immunization Protocol
- Immunocompromised
  - Have they already received a bivalent dose?
  - Has it been at least 2 months since the last dose?
  - CDC guidance



### Table 2. Recommended COVID-19 vaccination schedule for people who are moderately or severely immunocompromised by COVID-19 vaccination history, May 2023

#### mRNA COVID-19 vaccines

Ages 6 months-4 years

COVID-19 vaccination history	Bivalent vaccine	Number of bivalent doses indicated*	Dosage (mL/ug)	Vaccine vial cap and label colors	Interval between doses
Unvaccinated	Modernaor Pfizer	3	0.25 mL/25 ug	Blue cap; gray label border	Dose 1 and Dose 2: 4 weeks Dose 2 and Dose 3: At least 4 weeks
	BioNTech <sup>†</sup>	3	0.2 mL/3 ug	Maroon	Dose 1 and Dose 2: 3 weeks Dose 2 and dose 3: At least 8 weeks
1 dose monovalent Moderna	Moderna	2	0.25 mL/25 ug	Blue cap; gray label border	Dose 1: 4 weeks after monovalent dose Dose 1 and Dose 2: At least 4 weeks
2 doses monovalent Moderna	Moderna	1	0.25 mL/25 ug	Blue cap; gray label border	At least 4 weeks after last monovalent dose
3 doses monovalent Moderna	Moderna	1	0.2 mL/10 ug	Dark pink cap; yellow label border	At least 8 weeks after last monovalent dose
3 doses monovalent Moderna and 1 dose bivalent Moderna	_	See footnote	_	_	_
1 dose monovalent Pfizer-BioNTech	Pfizer- BioNTech <sup>†</sup>	2	0.2 mL/3 ug	Maroon	Dose 1: 3 weeks after monovalent dose Dose 1 and Dose 2: At least 8 weeks

#### **Booster Doses**

- Adults ≥65 years of age
  - May opt to receive a single bivalent dose
  - Spacing of 4 or more months since last dose
- Persons who are immunocompromised
  - May receive one or more additional bivalent doses in consultation with their healthcare provider
  - Spacing of 2 or more months since last dose



# **COVID Vaccine Commercialization**



### What, When, How, etc.

- COVID vaccines (and therapeutics) will shift to commercial distribution like other vaccines
- Will be included in VFC
- Anticipated timeline is fall of 2023
- FDA's VRBAC Committee will be meeting in June to discuss strain selection
- Federal Government is creating a new "bridge" program for uninsured adults through pharmacies and public health clinics



# RSV Vaccines and monoclonal antibodies



### Arexvy<sup>®</sup> by GSK

- First licensed vaccine for RSV
- For adults ≥ 60 years of age
- One 0.5 mL dose given IM
- Lyophilized vaccine with adjuvant diluent





### **RSV Vaccine Candidate by Pfizer**

- Phase 3 trials complete
  - Adults ≥ 60 years of age
  - Pregnant women in the late 2<sup>nd</sup> to 3<sup>rd</sup> trimester
  - Safety was assessed in women for 6 months postdelivery
  - Infants were followed for at least 1 year for safety and efficacy



### Nirsevimab by AstraZeneca and Sanofi

- Long-acting antibody
- Single dose for healthy infants
  - Before hospital discharge for infants born in the fall/winter
  - At a clinic visit for infants born in spring/summer
- A 2<sup>nd</sup> dose can be given to high-risk infants at the beginning of their 2<sup>nd</sup> RSV season



### **Coming Attractions**

- VRBAC meeting June 15<sup>th</sup>
  - Discussion of COVID-19 strains for the 2023-24 fall/winter vaccination campaign
- ACIP meeting June 21-23
  - Votes
    - RSV for adults
    - Polio for adults
    - Influenza
    - Pneumococcal for children



### **Discussion**



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