

Live Vaccine Spacing and Tuberculin Testing (TST and Interferon Gamma Release Assays (IGRAs))

Last Reviewed	24 November 2022
Last Revised	24 November 2022
This order expires	30 November 2024

1. What's new

Addition of spacing considerations between live vaccines and IGRAs.

2. Recommendations for use:¹

- A. Inactivated vaccines, including COVID-19 vaccines, can be given before, on the same day, or at any time after a TB test is done.
- B. Oral live vaccines can be given before, on the same day, or at any time after a TB skin test is done.
- C. Injectable live vaccines may be given simultaneously (same clinic day) with a TB test. However, if a live vaccine was administered 1 day or more ago, placing the TST or drawing the IGRA should wait for 4 weeks after the administration date of the live vaccine. If the TST was placed first, the live vaccine can be administered after the test is read with no waiting period.
- D. TST or IGRA reactivity in the absence of active tuberculosis is not a contraindication to administration of any vaccine, including live, attenuated vaccines.
- E. If a patient is suspected of having active tuberculosis, MMR and MMRV should not be administered due to the theoretical risk that measles vaccine might exacerbate active tuberculosis.

Vaccine	Route	Simultaneous TST/IGRA	If not simultaneous, wait 28 days for TST/IGRA?
MMR	SQ	Yes	Yes
MMRV			
Varicella			
Yellow Fever			
Smallpox (ACAM 2000)	Percutaneous	No	Yes
Smallpox/MPXV ² (Jynneos)	SQ/ID	Yes	Yes*
LAIV	Nasal	Yes	No
Polio	Oral		
Rotavirus			
Typhoid			
Cholera			

*If a delay in TB testing would cause substantial burden (e.g. preventing employment or school attendance), then testing should not be delayed.²

3. References

1. Kroger A, Bahta L, Hunter P. General Best Practice Guidelines for Immunization. Best Practices Guidance of the Advisory Committee on Immunization Practices (ACIP). Available at: www.cdc.gov/vaccines/hcp/acip-recs/general-recs/special-situations.html#administration. Accessed 10 November 2022.
2. Centers for Disease Control and Prevention. Timing of TST or IGRA in relation to Jynneos vaccine. Dear Colleague Letter, September 23, 2022. Available at: www.cdc.gov/tb/publications/letters/2022/JYNNEOS-vaccine.html. Accessed 10 November 2022.

To request this material in an alternative format (e.g., Braille) or to clarify any part of the above order, contact the Oregon Health Authority Immunization Program at 800-

980-9431 and 711 for TTY. For other questions, consult with the vaccine recipient's primary health care provider or a consulting physician.

Electronic copy of this protocol is available at: [immunization protocols](#)

Electronic copy of this pharmacy protocol is available at: [pharmacy protocols](#)