



MSA Program Required Immunizations

The Master of Science in Anesthesia Program requires each student submit proof of immunity for each of the diseases noted in the chart below.

Documentation, including the name of the vaccine, the date it was received, and any related results, must be submitted by a healthcare provider for each vaccine and titer result.

Please note that all immunization information provided will be released to hospitals and community agencies where students are placed for their clinical rotations. An authorization form will be available for students to sign as part of their program orientation.

Disease	Acceptable Forms of Immunity Verification
Hepatitis B	<p>Positive surface antibody ("Hep B Surf Ab") titer <u>is required</u>. Only a positive surface antibody titer will be accepted.</p> <p>A negative Hep B surface antigen titer is indicative of the absence of disease, but not proof of immunity. If titer is negative, consult your physician as to whether he or she recommends a 1-dose booster and repetition of the titer in 1 month, if you have already completed the series, or a repetition of the full dose series over a six-month period.</p>
Measles, Mumps, Rubella (MMR)	<ul style="list-style-type: none"> • 2-dose MMR series, • Or individual vaccines for measles (2-dose), mumps (1-dose) and rubella (1-dose), • Or individual positive titers for measles, mumps and rubella
Tetanus, Diphtheria, Pertussis (Tdap, Td)	<p>Latest Tdap vaccine must be within ten years or a Td booster is required.</p>
Varicella	<ul style="list-style-type: none"> • 2-dose series, • Or positive titer, • Or documentation of disease (including age contracted)
Polio	<ul style="list-style-type: none"> • 4-dose series (OPV or IPV), • Or positive titer, • Or documentation of disease (including age contracted)
Flu	<p>Annual vaccine administered between September and October to protect for the November to April flu season.</p>
COVID-19 vaccine & booster	<p>Documentation of full vaccination & booster, or a religious / medical exemption; more details below.</p>
Tuberculosis screening	<p>Annual TB test; more details below.</p>

COVID-19 Required Vaccinations

COVID-19 - completion of the initial vaccine series plus booster. Students may request a medical or religious exemption for university compliance but are advised that clinical partners have their own requirements to which the CWRU exemption does not apply. Unvaccinated students may encounter challenges finding sufficient clinical experiences to complete graduation requirements. If a student chooses to receive the exemption, then their graduation may be delayed due to the possibility of low clinical hours or missed clinical specialties from training site requirements. To see more details about medical and religious exemption processes, visit the COVID-19 accommodations website: <https://case.edu/equity/accommodations/covid-19-accommodations>

Tuberculosis Screening for MSA Program Students

Annual tuberculosis (TB) screening is required for all MSA Program students, regardless of the latest CDC recommendations or university regulations until otherwise informed. This is because not all clinical rotation sites have changed their practice regarding TB screenings.

TB testing can be done in one of three ways. Please check with your health insurance provider to understand which methods may be covered (either full or in part) before proceeding.

1. **Skin test (PPD):** If previous TB screening was more than one year ago or never performed, the student should request the two-step Mantoux TB skin test. Each step consists of having the test performed and returning for a reading 3 days later. If the first step is negative, then the test should be repeated (the “second step”) 7-21 days later. If either the first or second step is positive, then a chest X-ray needs to be performed to rule out an active infection.

If a skin test has been performed less than 12 months prior, only one additional skin test is required to demonstrate lack of infection.

2. **Blood test:** Also called an Interferon Gamma Release Assay or IGRA (Quantiferon-TB Gold In- Tube or T-SPOT), this is a one-step blood test. An IGRA is required for those with a past BCG vaccine who have tested positive with a PPD unless they have had a positive IGRA in the past.
3. **Chest X-ray:** A chest x-ray will rule out an active TB infection. If past skin or blood testing has been positive, then a chest x-ray is required. If a chest x-ray indicates an active infection, please contact the MSA Program for further instructions. X-rays must have been done within the last 3 years.

Please note that students must upload copies of lab reports and results for all blood tests, PPD administration, TB treatment statement and chest x-rays for verification by MedicatOne and University Health Services, as applicable.