

UNC Health Science Students – Recommended Immunizations

In addition to immunizations that are required by the state of North Carolina for matriculating students, the following immunizations are recommended for all Health Science students. These recommended immunizations promote the health of our Health Science students and also minimize the potential for transmission of communicable diseases within our community. All Health Science students should confirm with their individual school to verify what additional immunizations are required by their compliance office to meet requirements.

Tetanus/Diphtheria/Pertussis:

Students must show documentation that they have had at least three doses of Tetanus/Diphtheria/Pertussis within their lifetime; one of which must be a Tdap booster (brand name Adacel or Boostrix) and one of which must be within the past 10 years prior to matriculation.

This Tdap is a one-time required vaccine for all health science students. A Td booster is required every 10 years thereafter.

Measles/Mumps/Rubella:

Students must meet any of the following three options to meet the Measles/Mumps/Rubella requirement:

1. Two doses of MMR at least 28 days apart after 12 months of age.
2. Two doses of Measles **and** two doses of Mumps at least 28 days apart after 12 months of age **and** one dose of Rubella after 12 months of age
3. Laboratory proof of immunity (blood titer) to Measles/Mumps/Rubella. If titers are negative or equivocal, the student will repeat the MMR series with at least 28 days between each dose. A titer will not be required after the repeat MMR series.

Varicella:

Students must have either one of the following two options to meet the Varicella (Chickenpox) requirement:

1. Two documented Varicella vaccines that were given at least four weeks apart.
2. Laboratory proof of immunity (blood titer) to Varicella. If the Varicella titer is negative or equivocal, the student will repeat the Varicella series with the doses at least 4 weeks apart. No titer is required after series repeat.
3. An affidavit or documentation of the student having had Varicella will not be accepted for any Health Science Student.

Hepatitis B:

Students must have three documented Hepatitis B vaccines and a positive (>10 mIU/mL) serological quantitative Hepatitis B surface antibody titer (HBsAb).

- If the Hepatitis B titer is negative or equivocal, the student will get one Hepatitis B vaccine dose (#1) and re-titer at least 1-2 months after the vaccine dose.

Hepatitis B Cont.:

- If the second Hepatitis B titer is negative, the student will get 2 additional Hepatitis B vaccines (#2 and #3) with the 3rd being at least 8 weeks after the 2nd and at least 16 weeks after #1. Students will need to pay particular attention to the date ranges in between the three Hepatitis B vaccine doses to ensure that they are given at the appropriate time intervals for compliance.
- A final Hepatitis B titer should be done 1-2 months after the 3rd vaccine in the repeat Hepatitis B series.
- If the student has received two complete Hepatitis B series (six vaccines total) and not obtain a positive Hepatitis B serological titer, they are considered a “non-responder” and must be evaluated by a Campus Health Services physician for further evaluation and recommendations.

Tuberculin Skin Test (TST) – Two Step Required

Students must have a 2-step TST (Tuberculin Skin Test), performed in the United States, within the last 12 months prior to matriculation. The 2nd TST must be placed 1-3 weeks AFTER the 1st TST read date.

- If the 1st or 2nd TST is $\geq 5\text{mm}$ **OR** the student has a history of a past positive TST screening test, the student will need to make an appointment with CHS for further review/recommendations.
- Students should only get interferon-gamma release assay (IGRA) blood tests for TB screening per CHS recommendations.
- For each subsequent year students are in a Health Science program, either an annual TB screening test or a TB questionnaire (for students who have had a past positive TB screening test) will be required.

Influenza:

UNC Health Care requires that all healthcare personnel receive the influenza vaccine yearly. Thus, Health Science students rotating through UNC clinical sites are required to get the influenza vaccine yearly.