College of Southern Nevada
Health Sciences Programs
(Except Nursing Assistant Program)

REQUIREMENTS

Vaccinations and TB Skin Tests (TST)
Students Enrolled in CSN Healthcare Programs

- Must demonstrate immunity to
  - hepatitis B
  - measles, mumps, rubella (MMR)
  - varicella (chicken pox)

- Provide documentation of having received the Tdap vaccine (tetanus/diphtheria/pertussis)
  - Within the past 10 years

- Provide evidence of non-infectivity with tuberculosis (TB)
Evidence of Immunity

- Documentation options
  - Written documentation of vaccine from health agency that administered the vaccines
    - exact dates
  - Written documentation of history of disease based on medical diagnosis
    - Copies of original health records provided by the original treating healthcare provider / facility
  - On official letterhead, prescription form, etc.
    - With initials, signature or stamp from the healthcare provider or agency
Evidence of Immunity

- Blood test (titer) to confirm serologic evidence of *immunity* (presence of *antibodies*)
  - Ordered by a physician
  - Performed by a licensed lab
  - Copy of lab report is documentation of immunity
- If not immune, must be vaccinated
Deadlines

Each individual program has a deadline for completing everything.

Some programs allow delay of 3rd hepatitis B vaccine until after deadline.

Know your program’s deadline date
School of Health Sciences
Website

http://sites.csn.edu/health/vaccines.html

- Policies; vaccines, TB skin tests
- Positive TB skin tests
- Blood tests (titers)
- Clinic dates
- Q&A
Vaccinations

- Hepatitis B – 3 doses
  - Dose 1 & 2 minimum 28 days apart
  - Dose 3 several months after the second
- MMR – 2 doses – minimum 28 days apart
- Varicella – 2 doses – minimum 28 days apart
- Tetanus, diphtheria, pertussis (Tdap)
  - 1 dose within last 10 years
HOW TO PROVE YOU DO NOT HAVE ACTIVE TB DISEASE
TB Skin Tests
General Information

- TB skin testing is required.
  - *CSN does not currently accept a blood test to rule out TB disease.*
- A single TB skin test is valid for 365 days
  - It expires 365 days after the day it was administered
- A 2 step TB skin test is valid for 365 days
  - It expires 365 days after the *second* test was administered.
TB Skin Tests Requirements

- No TST within last 12 months?
  - Required - 2 step TST (2 separate tests)

- Have documentation of two or more current, consecutive, annual, negative one step TST?
  - Required - 1 step TST

- Had a positive TST in the past
  - Call CSN Infection Control Manager for guidance
TB Skin Test

- **TWO Step TB Skin Test** as recommended by CDC
  - **Step 1**
    - Administer test #1
    - Evaluate the reaction 48-72 hours later
  - **Step 2**
    - *Minimum* 7 days (can be longer) after administration of test #1, administer test #2
    - Evaluate the reaction 48-72 hours later
TB Skin Test - alternative

- TWO Step TB Skin Test as administered by some facilities
  - Administer test #1
  - 7 days later
    - evaluate the reaction to test #1
    - administer test #2
  - 48 – 72 hours later
    - evaluate the reaction to test #2
- CSN will accept this method
TB Skin Test

CSN healthcare programs do not accept a blood test in lieu of the TB skin test
ATTENTION !!!

- Improper sequencing of MMR and Varicella vaccines and the TST can result in:
  - Inaccurate reading of the TST
  - Extended time intervals between vaccines
  - Not meeting program deadlines
  - Denied permission to attend clinical experiences
  - Delayed progression through the health program
Sequencing Vaccines and TST

The following vaccines DO NOT interfere with TST results:
- Hepatitis B vaccine
- Tetanus/diphtheria/pertussis vaccine

They can be received in any sequence with TST.
Sequencing Vaccines and TST

- The following vaccines DO interfere with TST results if sequencing is not done correctly:
  - MMR vaccine
  - Varicella (chicken pox)

- Important to follow the correct sequence with TST
Sequencing Vaccines and TST - 3 Options

1. MMR and varicella vaccines may result in false negative of TST if MMR and Varicella are given BEFORE the TST
   - If separating them, must wait 28 days after MMR and Varicella vaccines to get TST

NOTE: This option will extend intervals between vaccines and TST that may push past the program deadline.
Sequencing Vaccines and TST - 3 Options

2. MMR and Varicella can be administered at the **SAME TIME** as the TST without jeopardizing the TST results
   - According to the CDC Recommendations

3. TB skin test(s) can be given and evaluated **BEFORE** vaccines are started.
BE CAREFUL OF THE SEQUENCING.

BE MINDFUL OF THE PROGRAM DEADLINE
SeroLogicAl Immunity

Blood Tests to Confirm Immunity
Blood Testing to Confirm Immunity

This is an option in the following circumstances:

- You know you have been vaccinated, just cannot find documentation.
- You know you have had the disease i.e. chicken pox, but do not have the documentation from the original treating physician.
Laboratory Blood Testing

- Tests must be ordered by a physician
- The correct tests must be ordered
  - Looking for *antibodies*
  - Want to confirm *immunity*
Laboratory Blood Testing

- If blood tests indicate negative for antibodies:
  - Must be vaccinated
  - Be mindful of the deadline
  - 2 doses must be separated by 28 days
  - Careful of sequencing with TB skin test
Influenza Vaccine

- Highly recommended – not mandatory
  - Protects you
  - Protects your family
  - Protects your patients
  - Protects healthcare personnel at clinical settings
  - Protects your fellow classmates