COMPLETING MUSC IMMUNIZATION FORMS
Completing MUSC Immunization Forms

Before you begin this presentation, print a copy of the immunization forms found on the Student Health website.

http://academicdepartments.musc.edu/esl/studenthealth/student_resources/forms.html

References to these forms will be made throughout the presentation.
Requirements apply to all MUSC students.
People who work in medical settings are at an increased risk for exposure to certain diseases.
WHY?

For **YOUR** safety

and

The safety of our patients
TERMS AND DEFINITIONS

www.cdc.gov/vaccines/vac-gen/imz-basics.htm
Immunization

The process by which a person or animal becomes protected against a disease. This term is often used interchangeably with vaccination or inoculation.
TERMS AND DEFINITIONS

Vaccine
A product that produces immunity therefore protecting the body from the disease.

Vaccination
Injection of a killed or weakened infectious organism in order to prevent the disease.
 TERMS AND DEFINITIONS

Titer

a measurement of the amount or concentration of a substance in a solution. Immunization titers refer to the amount of antibodies found in a patient's blood.
TERMS AND DEFINITIONS

ACCEPTABLE
✓ Quantitative Titer - Results are a numerical value with a numerical range provided and indicating the results are in the immune range.
✓ Qualitative Titer – Positive or negative OR reactive or non-reactive WITH a numerical range indicating the results are in the immune range.

NOT ACCEPTABLE
Qualitative Titer - Positive/Reactive or Negative/Non-reactive or Equivocal result and NO numerical range is provided
### TERMS AND DEFINITIONS

Quantitative Titer = Numerical values = ACCEPTABLE

<table>
<thead>
<tr>
<th>TESTS</th>
<th>RESULT</th>
<th>FLAG</th>
<th>UNITS</th>
<th>REFERENCE INTERVAL</th>
<th>LAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubella Antibodies, IgG</td>
<td>15</td>
<td></td>
<td>IU/mL</td>
<td>Non-immune &lt;5</td>
<td>01</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Equivocal 5 – 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Immune &gt;9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>index</td>
<td>0.00 - 0.90</td>
<td>01</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Negative &lt;0.91</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Equivocal 0.91 - 1.09</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Positive &gt;1.09</td>
<td></td>
</tr>
</tbody>
</table>

Presence of antibodies to Rubella is presumptive evidence of immunity except when active infection is suspected.

| Mumps Abs, IgG                             | 1.78   | High | Index     | Non-immune <0.91  | 01  |
|                                            |        |      | Equivocal | 0.91 - 1.09      |     |
|                                            |        |      | Positive  | >1.09              |     |

Presence of antibodies to Mumps is presumptive evidence of immunity except when active infection is suspected.

| Varicella Zoster IgG                       | 1.78   | High | Index     | Immune >1.09      | 01  |
|                                            |        |      | Non-immune| <0.91            |     |
|                                            |        |      | Equivocal  | 0.91 - 1.09      |     |
|                                            |        |      | Positive  | >1.09              |     |

| Hep B Surface Ab                           | 5.53   |      | Index Value | 0.00 - 0.99       | 01  |
|                                            |        |      | Anti-HBs Level | 0.00 - 0.99 |     |
|                                            |        |      |              | >0.99             |     |

**Index Value**

- Inconsistent with Immunity
- Consistent with Immunity
**Qualified Titer** = Positive or reactive/Negative or non reactive /Equivocal with numerical range indicating the results are in the immune range.
DOCUMENTATION REQUIRED FOR...

- Measles, Mumps, Rubella (MMR)
- Varicella
- Tetanus, Diphtheria, Pertussis (TDAP)
- Tuberculosis screening
- Meningococcal
- Influenza (November – April)
- Hepatitis B (Required for all students except Graduate Studies and MHA, DHA students)
MEASLES, MUMPS, RUBELLA (MMR)

Three ways to demonstrate compliance

1. Copy of Immune MMR IgG Antibody Quantitative Titer report or a positive or reactive qualitative titer report with a numerical range indicating immunity

2. If you were born in 1957 or after: 2 MMR vaccines received on or after age of 12 months and both after 12/31/1967

3. If you were born before January 1, 1957 - 1 MMR vaccine received after 12/31/1967
VARICELLA (VARIVAX)

Two ways to demonstrate compliance

1. Copy of lab report of Immune Varicella IgG Antibody Quantitative Titer or qualitative titer with lab cut-off values indicating immunity
2. Documentation of 2 varicella vaccines
TETANUS/DIPHTHERIA/PERTUSSIS (TDAP)

Two ways to demonstrate compliance

1. Adult Tdap on or after 6/10/2005
2. Documented pertussis allergy (Note from medical provider verifying allergy and why vaccine is contraindicated)
TUBERCULOSIS SCREENING

Three ways to demonstrate compliance

1. 2 Tuberculin Skin Tests - Intradermal PPD (Mantoux 5TU) 7 – 10 days apart within 3 months of start date at MUSC
2. Interferon Gamma Release Assay (IGRA) Blood Test (QuantiFERON-TB Gold or T-SPOT)
3. Documentation of the positive PPD (if no record, Option B required), chest x-ray taken after positive PPD date and your post-exposure treatment
MENINGOCOCCAL VACCINE

Two ways to demonstrate compliance

1. Meningococcal vaccine
2. Signed waiver
HEPATITIS B

Documentation for compliance

1. If previously immunized, provide dates of vaccines

2. Copy of lab report of immune Hepatitis B Surface Antibody Quantitative or Quantitative with numerical range identified

3. Not required for students in Graduate Studies or the MHA, DHA programs.
OTHER IMMUNIZATIONS

MUSC does not require the following immunizations; however, if you would like them to be included in your medical record, please forward to Student Health Services with your required immunization forms.

- Hep A
- Human Papilloma Virus (HPV)
- Polio
- Pneumococcal
- Typhoid
**PROCESS FOR COMPLETING**

- Read the information pages and frequently asked questions.
- Send (fax, email, deliver) the immunization forms to your healthcare provider as soon as possible.
- Have lab work (blood draw for titers) done if needed.
- Schedule a date and time to pickup your forms (including your lab reports) from your provider.
- Review the forms prior to leaving the office and ensure all are completed according to instructions. (See “common errors” in packet)
- Make a photocopy of your forms for your records.
- Send or deliver original forms to MUSC Student Health.
- Using the photocopy of your forms, enter your data on-line ([https://lifenet.musc.edu](https://lifenet.musc.edu)) prior to sending the forms to Student Health. If you are unable to access LifeNet, please contact Education and Student Life at 843-792-4930.
TOP 10 COMMON ERRORS

- Missing lab reports
- Qualitative titer results without numerical ranges (Quantitative accepted)
- Unverified immunizations
- Incomplete dates
- Incomplete verification (initials instead of complete signature) and/or verification with ditto marks – unacceptable
- Parental signatures – not accepted as verification
- PPD (TB test) > 3 months before your start date at MUSC (must be ≤ 3 months prior to when classes begin)
- Tine test is not acceptable for PPD – must be Mantoux method
- Tdap dated prior to 6/10/2005 (Adult Tdap was not available prior to 6/10/2005)
- Incomplete series (received one of two doses; did not complete the series)
HEALTH INSURANCE REQUIREMENT

- All students are required to have health insurance
- Submit a waiver request or enroll at http://www.studentinsurance.com
- Waiver information will be reviewed and approved if plan meets MUSC comparable coverage criteria
- REQUIRED DOCUMENTATION: A copy of the email you receive from AIG indicating your insurance plan was approved OR confirming your enrollment
- For more information visit http://academicdepartments.musc.edu/esl/studenthealth/student_resources/healthinsinfo.html
ENTERING DATA IN LIFENET

Complete this process when you have the following:

✓ Your MUSC netID and password
✓ All completed forms from your health care provider including copies of your lab reports
✓ Time to enter the information (you will not be able to save and return once you begin)
ENTERING DATA IN LIFENET

1. Go to https://lifenet.musc.edu
2. Log in with your MUSC netID (username) and MUSC password (password)

The message “no record found” is usually due to a difference in the date/time your netID is assigned and the date/time when your information is entered in the Student Health Services system. If you see this message, please wait 72 hours and attempt to log in again. If after 72 hours you are still unable to log in, please contact Student Health Services at 843-792-3664.
ENTERING DATA IN LIFENET

Go to “Forms”

- Consent for Treatment
- Health History
- Notice of Privacy Practices
- Latex Questionnaire
- Meningococcal Questionnaire
- Tuberculosis Questionnaire
- Immunizations

Forms can be completed individually and submitted; however, you will not be able to save and return to a form. You can cancel a form but the information will not be saved.
LIFENET

- Access off-campus, 24/7
- Print immunization record
- Schedule certain types of appointments at SHS
- Check appointment dates and times
QUESTIONS?

Call Student Health Services
843-792-3664