Measles FACT SHEET

According to the Centers for Disease Control and Prevention (CDC), there is a current U.S. measles outbreak in several states that includes Arizona. Here is some other important info from the CDC:

SIGNS AND SYMPTOMS

- Starts with cold/flu-like symptoms (fever, cough, congestion, red and watery eyes, runny nose)
- HIGHLY CONTAGIOUS PERIOD
- Four Days Later: Rash (flat, red spots) typically appears after the initial symptoms. Spots spread from the face/hairline down to the chest, belly, back and extremities. Body temperature could reach as high as 104 F.

TRANSMISSION

- Transmission occurs through the air and can exist in the air for up to two hours after a patient coughs.
- Those not vaccinated have a 95 percent chance of catching the disease.
- If you think you have become infected, stay home from work and contact your primary care physician or ASU Health Services immediately.

COMPLICATIONS

<table>
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<tr>
<th>Complication</th>
<th>Probability</th>
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<tr>
<td>1 in 10</td>
<td>(especially children) will get ear infections that lead to permanent hearing loss</td>
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<tr>
<td>1 in 20</td>
<td>will get pneumonia</td>
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<tr>
<td>1 in 1,000</td>
<td>will get encephalitis (brain infection) that could cause seizures, leading to possible permanent brain damage and deafness</td>
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<tr>
<td>1 in 10,000</td>
<td>will get a late complication (7–10 years later) called SSPE, a universally rapid and fatal disease accompanied by seizures and rapid dementia</td>
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RESOURCES

cfo.asu.edu/hr-measles
www.cdc.gov/measles

WHAT SHOULD I DO?

BORN BEFORE 1957
You are protected and do not need a booster shot or need to take any special precautions.

BORN IN 1957 OR LATER
If you have either had two vaccinations or had measles in the past, you are protected and no extra precautions are necessary.

ASU STUDENTS
Before class registration, you must show evidence of immunization.

NOT SURE IF YOU ARE PROTECTED
Get a simple blood test from your primary care physician or, if you do not have a primary care physician, ASU Health Services. The MMR vaccine, which is 95% effective in preventing measles, is covered by ASU health insurance.

NOTE: Despite certain information in the media, there are multiple reputable scientific studies that show the vaccine is safe and there is no credible link between the MMR vaccine and autism.