NECROTIZING FASCIITIS: FLESH EATING DISEASE

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__Necrotizing Fasciitis is not a fake disease that you see in science fiction movies it is actually REAL! This disease rarely infects humans. This bacterium attacks healthy tissue and destroys it. One of the bacterium *Aeromonas hydrophila* can cause the infection. This bacterium thrives on oxygen- deprived environments, like the human body.

The bacterium finds it's way into your bloodstream. It enters your bloodstream through cuts and abrasions. Blunt trauma can also lead to the infection. Blunt trauma can cause internal bleeding when infected. Even if it causes a black and blue mark the bacterium inside the body sees the blood and attacks it.

To get infected you need to have a weak immune system. You also need to have chronic health problems like diabetes, cancer, liver or kidney disease. To get the disease you need to have cuts in your skin including wounds from surgeries. If you recently had chickenpox or other infections that can cause rashes you can get this disease. If you used steroid medicines you can diminish your body's resistance to infections.

In our program we will show how the virus can spread and what will happen when they get infected. At first there will be a few people different colors because those people are infected. Once people get infected they change color and start to lose energy. When the bacterium has infected almost everyone because the people reproduce and the bacterium will lose energy.

In our program the bacterium goes around and when it touches the person changes color to show it's infected. At first the model was a bunny eating grass. We changed the breeds and changed a few blocks. At first we didn't know how to get the person to change color and move.

We found out that diseases can transmit and we have no idea. We can be in big groups and the disease can get to another person and the thought of that is scary.

BIBLIOGRAPHY

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