

# Module 5: Avoiding the Repair Shop: Risk Management

## Topic 3 Content: Major Barriers Against Pathogens

### Major Barriers Against Pathogens

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##### Introduction

Your body comes with strong barriers against pathogens.

Discover what those barriers are. You might be surprised!



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### Skin

**Major Barriers Against Pathogens**

**Skin**

Skin is a barrier, but if you have a cut or scrape, pathogens can enter the body.



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#### Saliva

##### Major Barriers Against Pathogens

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Mouth saliva is a natural barrier that protects your body by destroying pathogens with chemicals in its enzymes.



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#### Tears

**Major Barriers Against Pathogens**

Tears

Tears wash away pathogens and also have chemicals that kill dangerous germs.

A photograph of a young woman with dark hair pulled back, smiling. She is wearing a black long-sleeved shirt with a red and black patterned vest. A blue horizontal line points from the text to her eye.

Tears wash away pathogens and also have chemicals that kill dangerous germs.

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### Stomach Acid

**Major Barriers Against Pathogens**

**Stomach Acid**

Acids in the stomach destroy harmful organisms before they reach the intestines.

A photograph of a young woman with dark hair pulled back, wearing a black long-sleeved shirt with a red and black patterned vest. She is smiling and has her arms crossed. A blue arrow points from the left towards her stomach area.

Acids in the stomach destroy harmful organisms before they reach the intestines.

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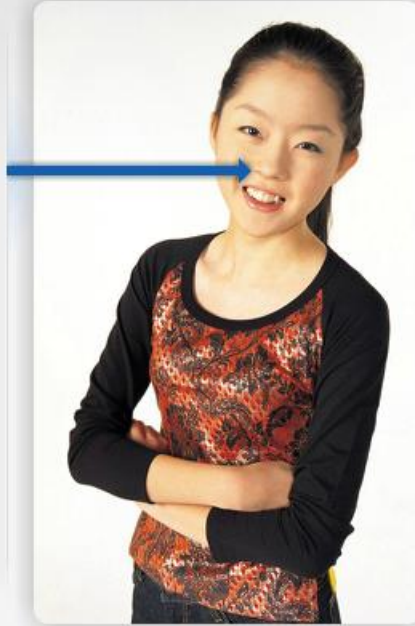
### Topic 3 Content: Major Barriers Against Pathogens

#### Mucous Membranes

##### Major Barriers Against Pathogens

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Mucous membranes are in the nose, throat, mouth, and other body openings. They line the inner surface of your body. They continually renew cells to protect against pathogens. The mucus in the membranes trap pathogens to be eliminated by the body.



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