



# **Bio-film Bacteria™**

*for healing the body naturally!*

Biofilm Bacteria patch™ is a product that was developed as a complementary therapy program that is accepted by Doctors and Practitioners as an aid to support and restore the body's energetic function.

*Made in the U.S.A.*

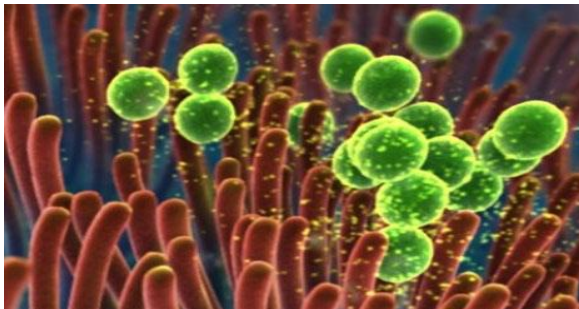
## **Biofilm migration:**

Biofilm bacteria can move in numerous ways: collectively, by rippling or rolling across the surface, or by detaching in clumps. Individually, through a "swarming and seeding" dispersal. This development of a biofilm allows for the cells inside to become more resistant to the body's natural antimicrobials as well as the antibiotics administered in a standard fashion. In fact, depending on the organism and type of antimicrobial and experimental system, biofilm bacteria can be up to a thousand times more resistant to antimicrobial stress than free-swimming bacteria of the same species.

Researchers have estimated that 60-80 percent of microbial infections in the body are caused by bacteria growing as a biofilm – as opposed to planktonic (free-floating) bacteria. The Biofilm patch is designed to help control pain, discomfort and inflammation. Some external biofilm, namely chronic wounds and dental plaque, can be manually removed. Because of their inaccessibility and heightened resistance to certain antibiotic combinations and dosages, internal biofilm are more difficult to eradicate.

Biofilm bacteria are a part of what is known as the Th1 bacterial pathogens, which according to most researchers, collectively cause chronic disease. Biofilm bacteria can move in numerous ways that allow them to easily infect new tissues. Biofilms may move collectively, by rippling or rolling across the surface, or by detaching in clumps.

Sometimes, in a dispersal strategy referred to as "swarming, seeding", a biofilm colony differentiates to form an outer "wall" of stationary bacteria, while the inner region of the biofilm "liquefies", allowing planktonic cells to "swim" out of the biofilm and leave behind a hollow mound. By reducing biofilms in the body it helps eliminate infections with patients that suffer from chronic recurrent infections.



## **Facts about Biofilm:**

When unhealthy biofilm develops in the body, it makes it even more difficult to fight infection, especially an infection of the gut. A healthy gut is filled with beneficial bacteria that create a thin biofilm that is anti-inflammatory and lubricating to the body.

Unhealthy gut biofilm will prevent the absorption of nutrients, make pathogenic bacteria resistant to the immune system, and protect harmful bacteria from antifungals and antibiotics.

Once health has been restored to the gut, you can promote a healthy biofilm by eating a diet rich in beneficial bacteria found in fermented foods and beverages.

## **Proper Placement**

Place the Biofilm Bacteria patch on the left shoulder of the body. Your body accepts energy far better than the right side. Please follow directions that are stated below for best results.

## **Biofilm Bacteria™**

**Instructions:** The Biofilm Bacteria patch is to be applied to your body, (left shoulder). It was developed to reduce bacterial infections.

Made to last for 3 days, then discard. Apply another patch and wear it for additional 3 days for reducing inflammation and edema by dissolving biofilms for patients with chronic illness.

Repeat this procedure for 30 days to reduce infection.