

# Biocellulose Film

## Introduction

A natural fiber dressing developed by Far Eastern New Century and a professional biomedical team. This product is a film composed of Bacterial cellulose fermented by *Acetobacter Xylinium*, which has a fine diameter and forms a unique three-dimensional structure layer by layer and the pores are nanometer-sized. This dressing has high water retention and biocompatibility, and it has excellent adherence to the skin. The main purpose of this dressing is to protect the wound and reduce the risk of wound infection, to keep the wound in a suitable moisture environment, to provide a bacterial barrier to the wound and to help the wound to heal.



Fig.1 Biocellulose Film

## Properties

- ✓ **Naturally adhesive on wound bed :**  
Suitable for all parts of the body, no need to use adhesive tape to fix.
- ✓ **High transparency :**  
It is easy to observe the wound healing status. ◦
- ✓ **Excellent barrier to bacteria :**  
Prevent secondary infection of wounds.
- ✓ **Breathable and Water Retention :**  
Reduces tissue fluid exudation, maintains wound permeability and prevents tissue hypoxia.

✓ **Reduce the frequency of dressing removal :**

It has the function of human skin epidermis. To be used for long period of time until wound forms scab.

✓ **Convenience of use :**

Individual sterile packaging, stored at room temperature.

### **Applications**

- Apply on all kinds of epidermal wounds, including the non-deep, surface layer, acute or chronic wounds.
- All-degree Burns.
- Donor Sites.
- All-kind Ulcers.
- Pressure Ulcer.
- Abrasion.
- Cut, Laceration, contused wound.