



### USE OF BIOPAD WOUND DRESSING IN TWO NON-HEALING ULCERS.

BioPad is a sponge shaped device, constituted exclusively by lyophilized type I native heterologous equine collagen which transforms in a soft gel allowing contact with the entire wound bed.



#### CASE STUDY BY:

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### Introduction:

Chronic non-healing wounds represent an enormous problem for clinicians and patients. The prevalence of chronic wounds increase with compounding medical conditions and age. An estimated 6 million patients in the U.S. have chronic wounds from various etiologies, representing an estimated annual \$20 billion dollar burden on the healthcare system. The purpose of this case study is to demonstrate the efficacy of BIOPAD in its management of chronic wounds and as a first line therapy.

### Method:

Two clinical cases are described in terms of the presenting condition; etiology, duration and prior treatment modalities. All wounds were treated with BIOPAD. All wounds were followed through to full closure.

### Results:

Duration of the wounds ranged from three to four months. Wound type included pressure and vascular ulcers. Time to heal ranged from four to seven weeks. All wounds had failed to heal with other wound modalities. All the wounds concluded in full closure.

#### CASE #1

Type	Etiology	Age	Previous Treatment (Unsuccessful)	Duration
Pressure	Non-healing following bed rest	78	TheraHoney, Foam, Granulex spray	Three Months
BIOPAD Treatment (Successful)	Healing Time	Size	Location	Status
3 Biopad per week	Four Weeks	4 cm x 2 cm	Heel	Healed



#### CASE #2

Type	Etiology	Age	Previous Treatment (Unsuccessful)	Duration
Partial Thickness	Vascular	82	Alignate, Foam Hydrocolloid	Four Months
BIOPAD Treatment (Successful)	Healing Time	Size	Location	Status
3 Biopad per week	Seven Weeks	2.8 cm x 1.8 cm	Posterior Lower 1/3 leg	Healed



### Conclusion:

It is recommended to use BIOPAD as a first line therapy to minimize the risk of developing a chronic wound, thereby, reducing the burden of non-healing wounds on the patients, their families and the healthcare system. BIOPAD is a 100% pure native equine type I collagen with no fillers, just pure collagen to stimulate proliferation of fibroblasts and formation of granulation tissue.

### Discussion:

Biopad was found to be effective at closing both non-healing wound cases, despite multiple wound management modalities tried first. Using BIOPAD as the first choice for treatment could help in the prevention of chronic wounds, relieving patient suffering and reducing the impact on the healthcare system.