



Adam Landsman, DPM, PhD, FACFAS
Department of Orthopedics/Podiatric Surgery

November 10, 2022

To Whom It May Concern:

It is my pleasure to discuss my experiences with SilverStream. The SilverStream is an advanced wound treatment Solution that we have been using in our clinic for over 9 years, daily.

During my work with SilverStream Solution, we have managed to prove that SilverStream can play a critical role in the treatment of diabetic foot ulcers, venous leg ulcers and other non-healing wounds. It fills a unique niche as a solution designed to stimulate and enhance wound healing in chronic, non-progressive wounds, and presents Hydrogel properties due to the reduction of water activity by the glycerol, preventing the growth of micro-organisms.

These hydrogel properties also help SilverStream to keep the wound moist for a longer time.

The data collected during our work shows that wounds treated with SilverStream show an increase in granulation tissue formation, decrease in the presence of non-viable (necrotic or fibrous) tissue, and removal of biofilms as demonstrated by reduction in slough tissue on the surface of the wounds.

We observed clear improvement in the overall condition of wounds treated with SilverStream, while observing reduction in odour level and decreasing the symptoms of pain.

Here are a few of the things that we really like about it.

- It is effective against biofilms:
 - In our clinic, we are able to test for the presence of MMP's and have shown that the level of MMP's shows a measurable decrease after a single treatment.
 - It contains silver, which is an excellent anti-microbial
 - It contains menthol, that helps the cleanser to penetrate more deeply into the wound surface
- It is very comfortable for the patients:
 - The menthol component creates a cooling effect that the patients usually describe as very comforting
- A single product reliably covers all stages of the healing process:

- It is an excellent wound cleanser: SilverStream contains Tween 20, an excellent surfactant and detergent that helps to bind necrotic debris and silver, which helps to kill the bacteria.
- It is an excellent wound treatment solution for management and moisturizing of wounds, facilitates wound healing or can be used to prepare the wound for more advanced biologic tissue grafts and skin substitutes.
- It is available in small bottles:
 - This makes it easy to provide at a reasonable cost to our patients
- It is compatible with our advanced biologics treatments:
 - Prior to application of biologics such as Apligraf, Theraskin, or Grafix, we will clean the surface of the wound. We find that this type of wound bed prep, in combination with debridement, is essential for success with the biologics.

For all of these reasons, I am happy to recommend SilverStream to my patients and colleagues, without any reservations.

Sincerely



Adam S. Landsman, DPM, PhD
Podiatrist, Department of Orthopedic Surgery, Massachusetts General Hospital
Assistant Professor of Orthopaedic Surgery, Harvard Medical School
Boston, Massachusetts, USA