



# CO<sub>2</sub>

## Water Foot Bath Tablets



154-13

# Why Choosing SAF Doctors CO2 Water Foot Bath Tablets?

Every year, more than 1 million people with diabetes lose a leg as a consequence of their condition. This means that every 30 seconds a lower limb is lost to diabetes somewhere in the world. The majority of these amputations are preceded by a foot ulcer. The most important factors relating to the development of these ulcers are peripheral neuropathy, foot deformities, minor foot trauma and peripheral vascular disease. These complications do not only represent a major personal tragedy for each sufferer; they also place a considerable financial burden on healthcare and society in general.



## The Importance of Using SAF Doctors CO2 Tablets:

The increase of CO2 density in the tissues leads the body to a positive adverse reaction by increasing the O2 ratio through the expansion of blood capillaries and arteries in the treated areas such as the diabetic foot. It also facilitates for the body to absorb the fluids that occur after the trauma and sports injuries such as cases of fragmentation and fracture or other similar cases.

# Diseases that CO2 Helps to Treat:



**1** Diabetic Foot



**2** The Beginning of Gangrene



**3** Varicose Veins in the Foot



**4** Ankle and Hand Traumas

\* CO2 is a natural, chemical and technical therapeutic mean which is effective in treatment of diabetic foot and has no side effects when used for the proper indications and in proper dose and can be used for other patient with vascular disease other than diabetic (atherosclerosis, burger disease) and also can be use in treatment of diabetic neuropathy.

## The Mechanism of Action

The rise in CO2 concentration within the tissue and peripheral blood vessels causes the CO2 to be absorbed to the skin and thus precapillary arterioles to dilated, thereby opening capillary that were functionally closed and the exchanging O2 and Co2 between the cells (internal respiratory) the same is true also when CO2 is applied to the skin. The peripheral resistance decreases and the blood pressure decrease.

# Effects of SAF Doctors

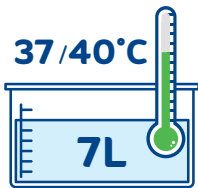
## CO2 Water Foot Bath Tablets

- 1- Flushing of skin.
- 2- Effects as anti-inflammatory.
- 3- Stimulation of warmth receptor in skin, inhibition of cold receptor.
- 4- Vasodilatations (precapillary arterioles).
- 5- Reconstruction of functionally closed capillaries.
- 7- Rise in venous response (vein tension).
- 8- Improvement in blood flow properties.
- 9- Stimulation of sympathetic nerve system.



## How to Use SAF Doctors

### CO2 Water Foot Bath Tablets



- 1** Put SAF Doctors CO2 tablet in 7L water with a temperature between 37/40°C.



- 2** Emerge the affected area in water for about 30 mins.



- 3** Discard water after usage.

#### The factors for CO2 effectiveness are:

CO2 concentration, temperature, surface area and Time (length of exposures, number of exposures and interval between exposure).