



**BioBarica**  
MEDICAL HYPERBARIC SYSTEMS

**Wounds**

**Proven therapeutic efficiency**

## **Hyperbaric Oxygen Therapy**

- ✓ Venous ulcers
- ✓ Diabetic Foot
- ✓ Post-surgical wounds
- ✓ Peripheral arterial disease
- ✓ Burns
- ✓ Bed-sores
- ✓ Skin flaps and grafts
- ✓ Ulcerative arteriovenous malformation

**It has no  
adverse effects**



**Hyperbaric oxigenation  
is a safe and non-invasive therapy**

In wounds, the action of the hyperbaric Oxygen dilutes high doses of O<sub>2</sub> in blood plasma which is promptly used by the cells, reaching those tissues where perfusion is compromised. The greater O<sub>2</sub> diffusion to the tissues accelerates significantly the healing treatment.

### Inflammatory

Inflammation reduction  
Oxidate stress regulation  
stimulation of cells' immunity  
Infection control

### Maturation

Fibroplastic stimulation  
Angiogenesis  
Collagen matrix formulation

### Proliferative

Tissue remodeling  
Neovascularization  
Epithelization

## Evolution of treatment

Patient: Female, 90 years old  
Diagnosis: Bed-sore  
Number of sessions: 35



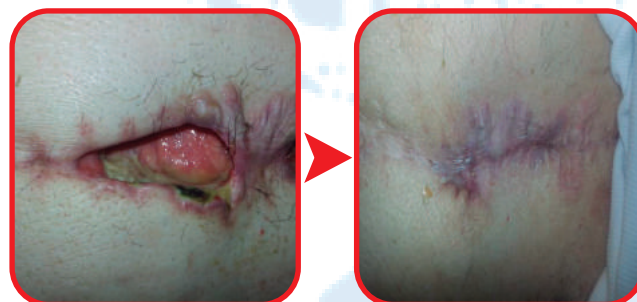
Patient: Male, 60 years old  
Diagnosis: Right leg – Ischemic ulcer/  
rheumatoid arthritis  
Number of sessions: 40



Patient: Female, 11 years old  
Diagnosis: Trauma  
Number of sessions: 40



Patient: Male, 60 years old  
Diagnosis: Post Heart Surgery Injury  
Number of sessions: 35



Pathology	Number of cases	Therapeutic efficacy	Average prescribed Sessions	% Sessions Achievement	Patient's Satisfaction	Average Session Duration	Patient's Evolution
Abs	25	96%	40	93%	88%	61 min	98%
Venous ulcers	143	92%	60	97%	96%	64 min	94%
Post-surgical wounds	32	95%	20	100%	91%	62 min	95%
Diabetic foot	77	89%	60	91%	87%	67 min	91%