

# Physical Vascular Therapy BEMER

Discovering the  
“Main Artery”  
of health



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# BEMER Today

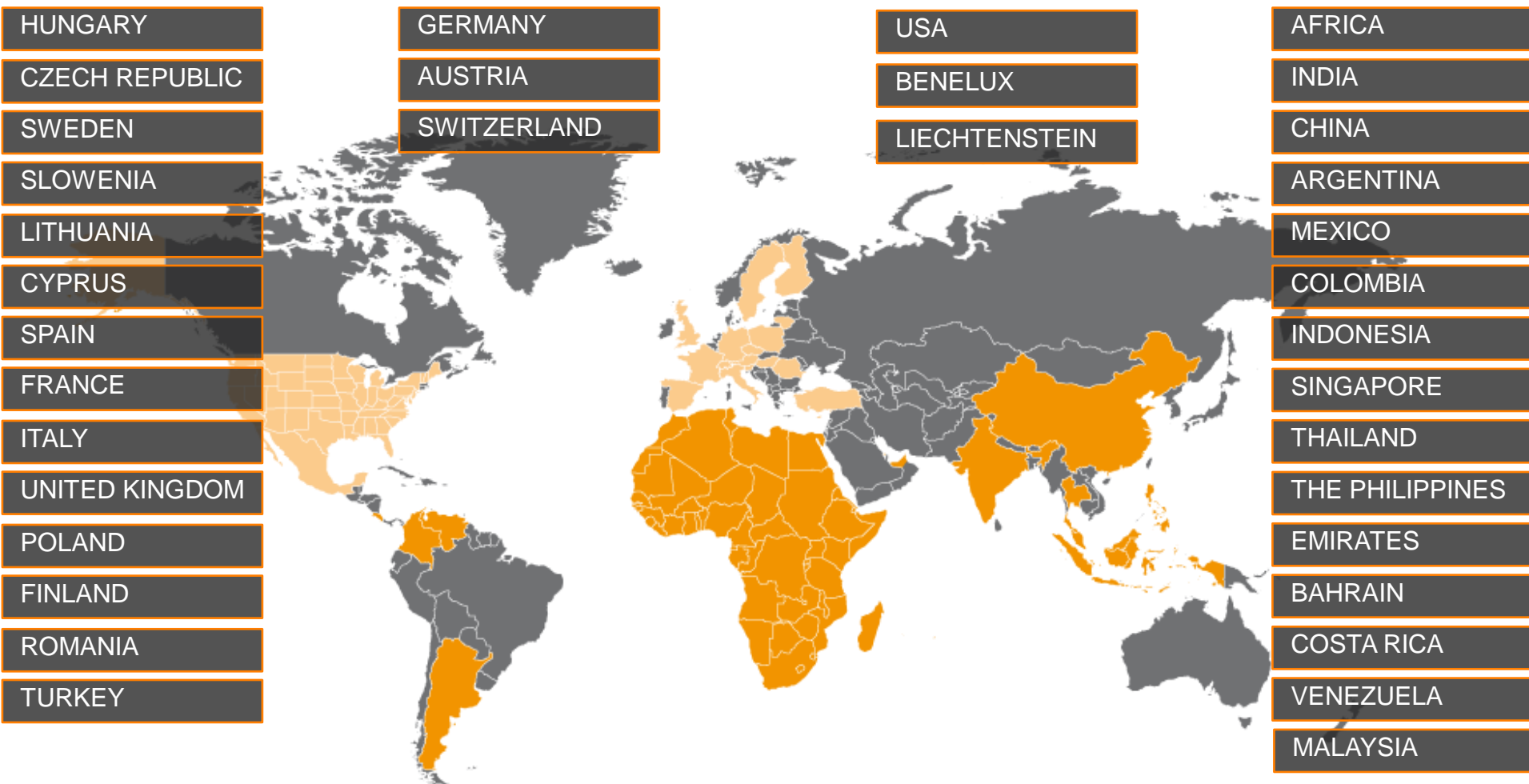


- BEMER in it's 15th year of success
- Over 50 medical publications
- Over 1,000 popular publications
- 5 patents worldwide
- Over 1 million users worldwide
- German engineering and Swiss craftsmanship

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# BEMER worldwide.



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# BEMER

An established approach to health

**In countries around the world:**

**Medical Device Class II / IIa**

**In the US:**

**Medical Device Class I**

**Pending FDA approval**



# Health needs a good supply

## The iceberg principle SURFACE SYMPTOMS.

↓ Palpable.

↓ Pains.

↓ Unnoticed developments .

↓ Causes .

- Functional damage to the cells
- Chronic lack of ATP.
- Energy deficit = flow disruptions.
- Circulatory disorders / oxygen deficiency



# Microcirculation

The highway to health

„In its field, BEMER technology is the best investigated and most effective physical treatment method that is currently available in the medical sector .”

Prof. Dr. med. Rainer Klopp - Head of the Institut für Mikrozirkulation in Berlin.





Microcirculation.  
main street to health.

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Technische Ausstattung des Instituts für Mikrozirkulation

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# Prof. Dr. Med. Rainer Klopp

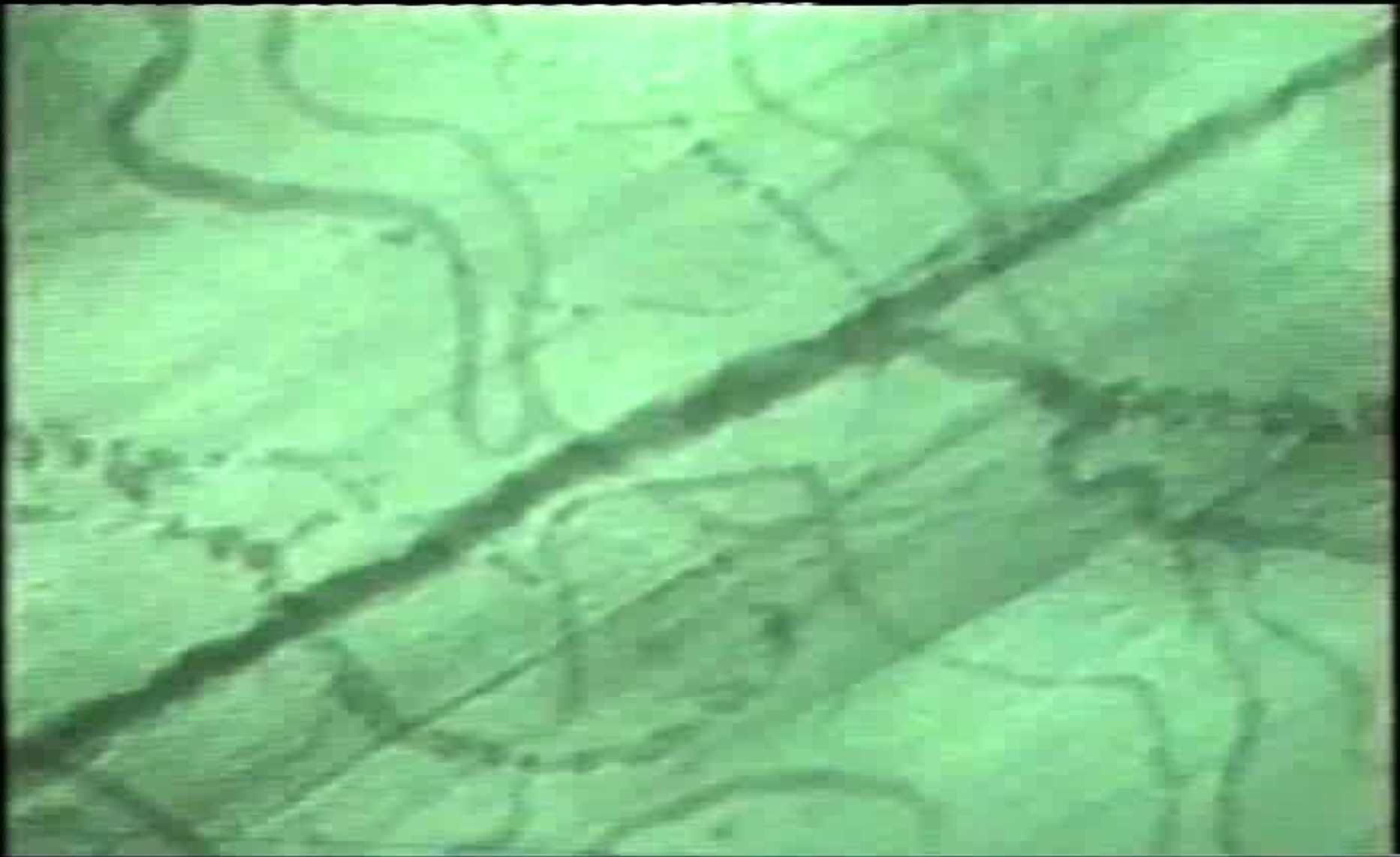
Institute of Microcirculation Berlin speaks to physicians:



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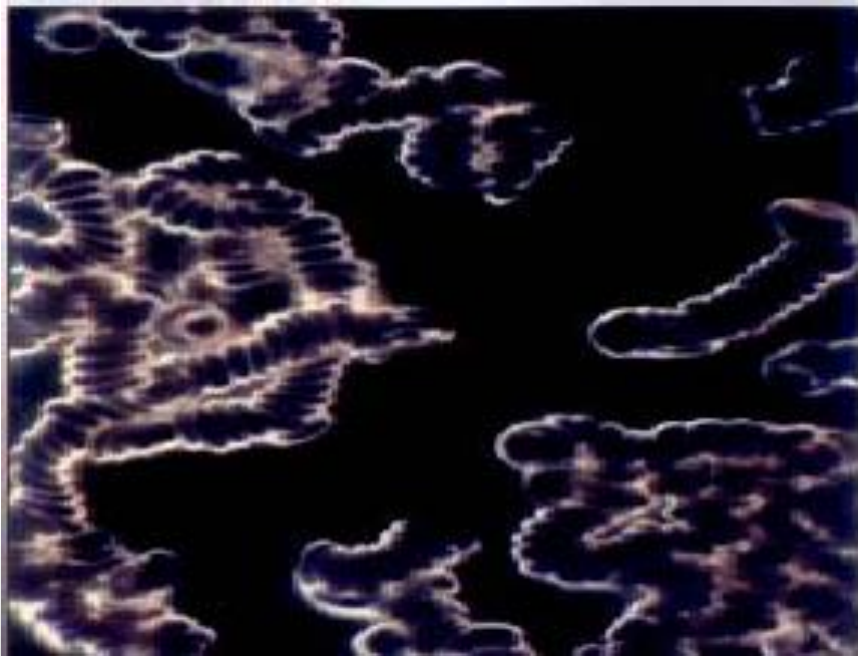




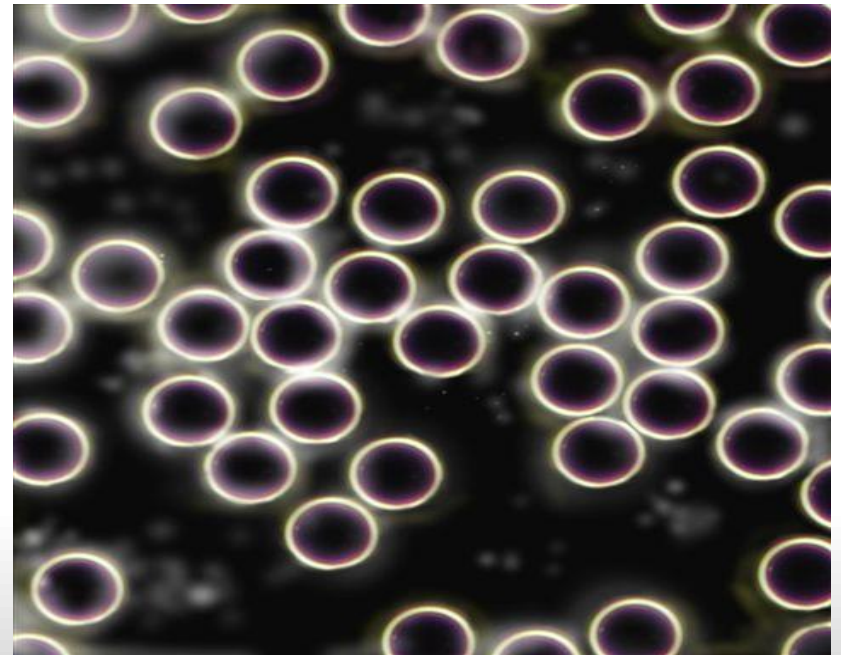
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# Reduces Erythrocyte Aggregation



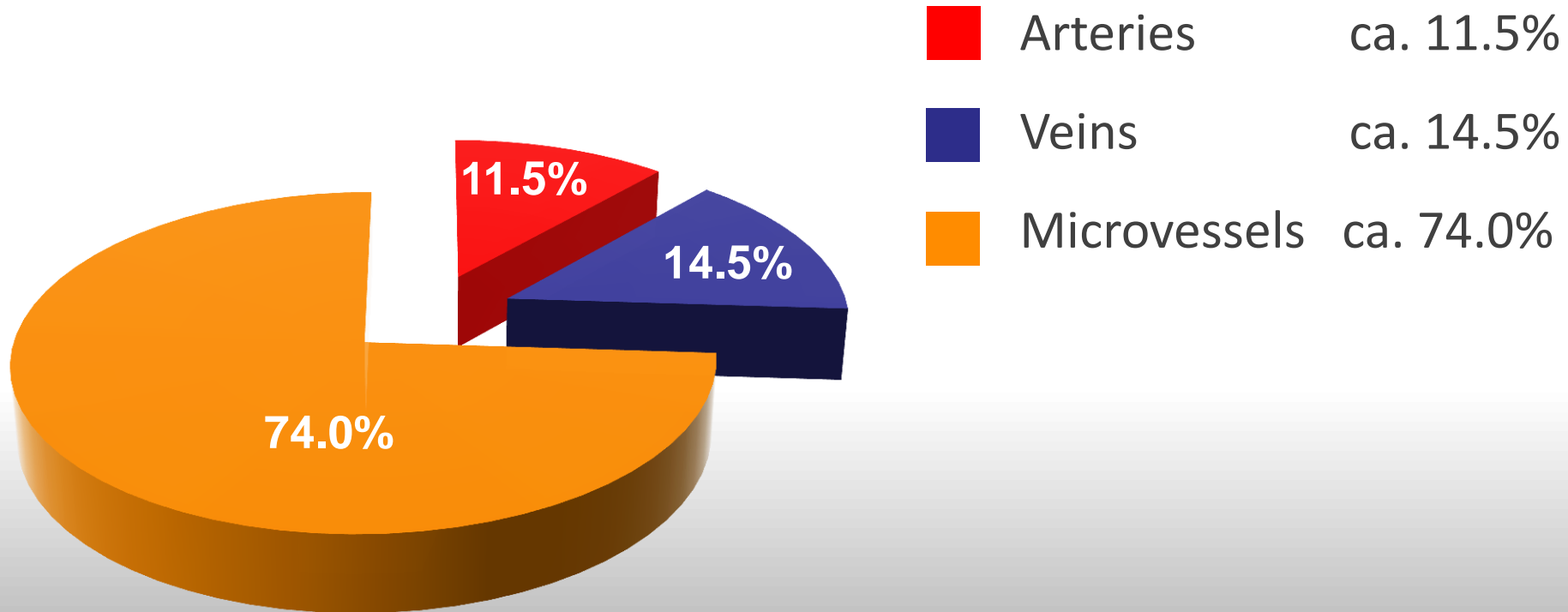
Before BEMER



After 8 mins BEMER

# Our micro-vascular system


The biggest and most important part!





# Moving our blood

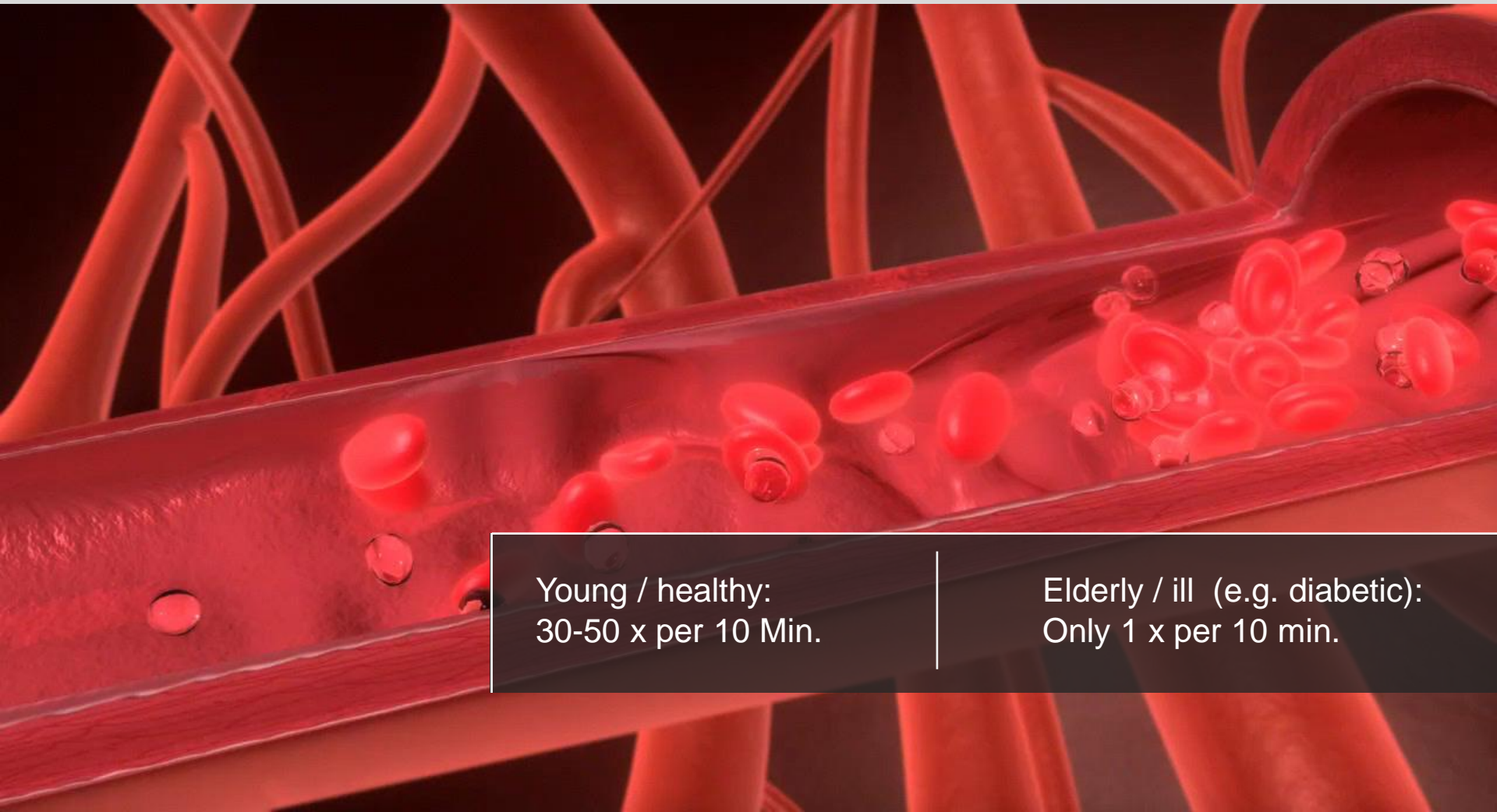
High performance engineering



Every day approx. 2,000 gallons of blood are moved through our body. Can the heart do that alone?

# Vasomotion

## Cardiac assistance

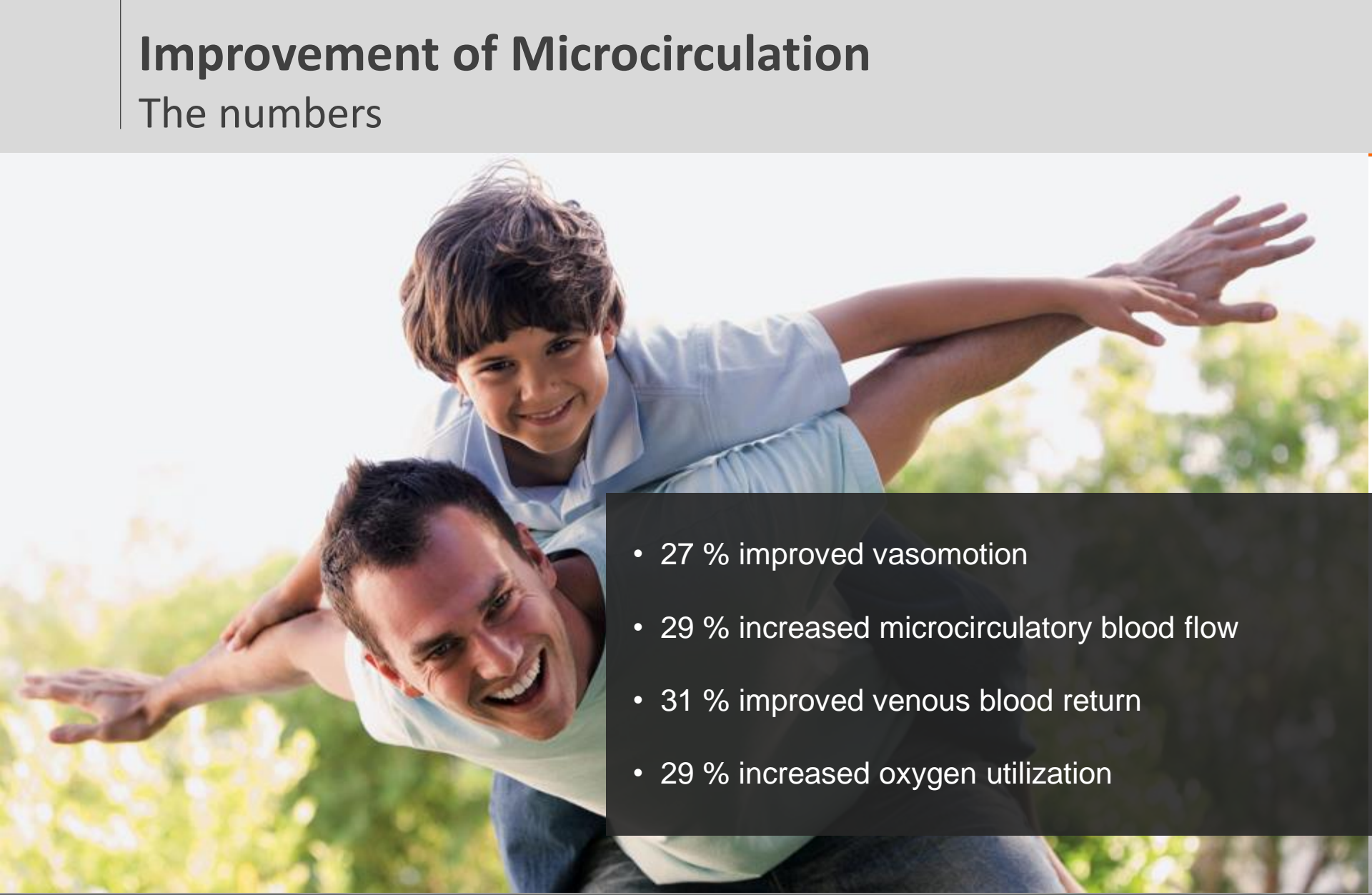


Young / healthy:  
30-50 x per 10 Min.

Elderly / ill (e.g. diabetic):  
Only 1 x per 10 min.

# Improvement of Microcirculation

## The numbers

- 
- 27 % improved vasomotion
  - 29 % increased microcirculatory blood flow
  - 31 % improved venous blood return
  - 29 % increased oxygen utilization



2 x daily for 8 minutes are enough  
for an effect that lasts up to 24 hours and longer.

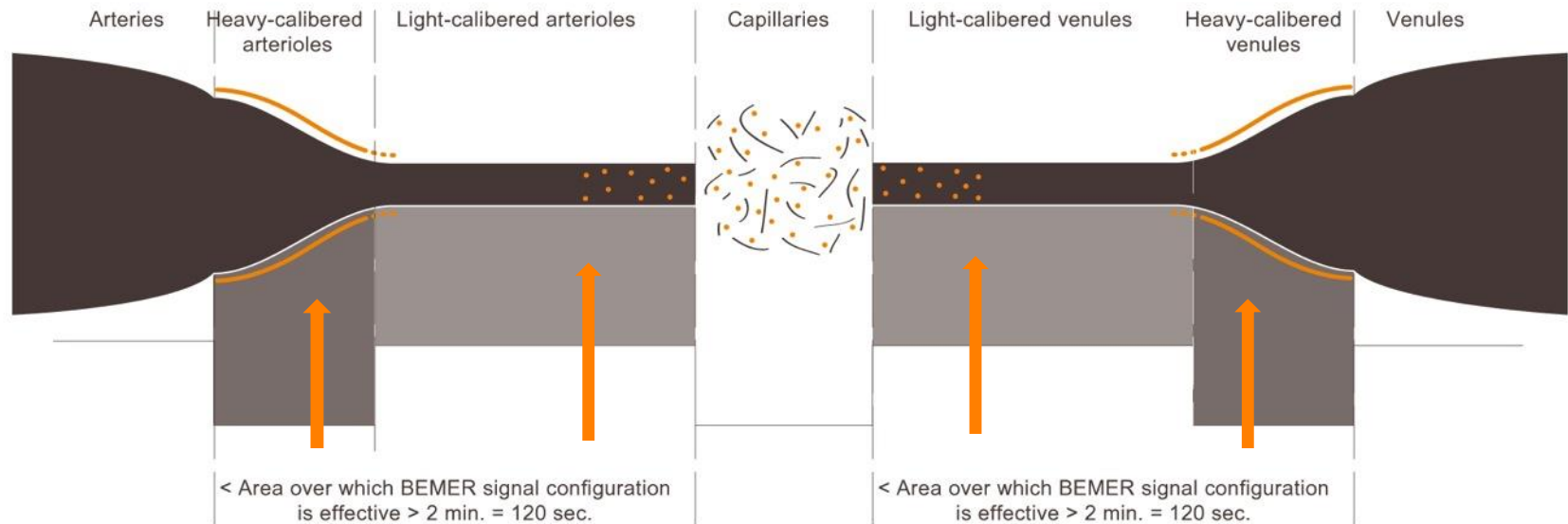
## BEMER ® Physical Vascular Therapy



5 patents worldwide!

# BEMER Signal

## Activating vasomotion



# Impaired Microcirculation

What are the possible consequences?

- Diabetes
- Poor wound healing
- Osteoporosis
- Heart attack
- Migraines
- Arthritis
- Stroke / dementia
- Kidney Impairment, etc.





# Diabetic Ulcer



before BEMER



after 4 weeks



after 8 weeks

# Ulcus Cruris

(88 year old female patient)



**2 years conventional therapy**



**... after 6 months BEMER**



**... after 8 months BEMER**



**... after 9 months BEMER**

# Improved wound healing by BEMER treatment

## BEMER treatment after an accident

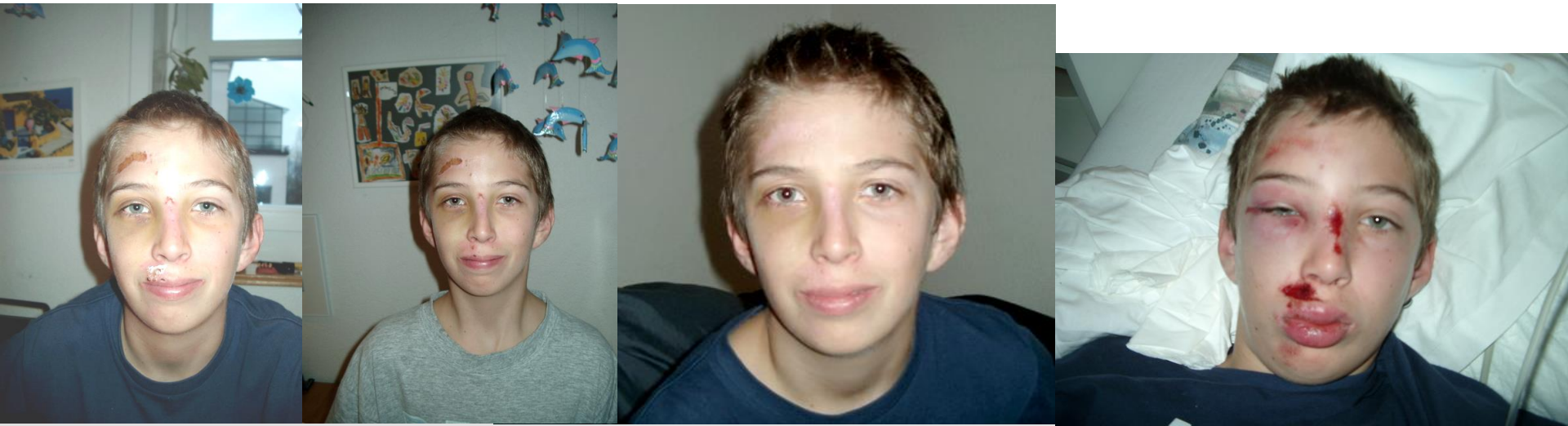
day 1 to 4





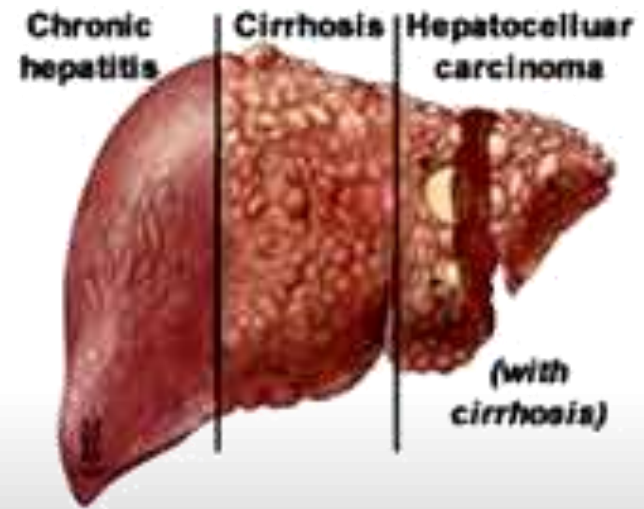
# Improved wound healing by BEMER treatment

BEMER treatment after an accident  
day 5 to 7



# BEMER effects on the Liver circulation

- Clear increase in blood flow in sinusoidal liver circulation
- Clinically improved reduction of fatty liver condition
- Clear increase in concentration of 'Reduced Glutathione' in liver cells (natural anti-oxidant)



(From the 20.th day - significant differences compared with the control group. Dr R Klopp, Helios Clinic, Buch. Berlin Charity University teaching hospital)

## Pustular acne.



before BEMER



after 14 days of BEMER



# Cystic Acne



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# Eczema



**DAY 00**



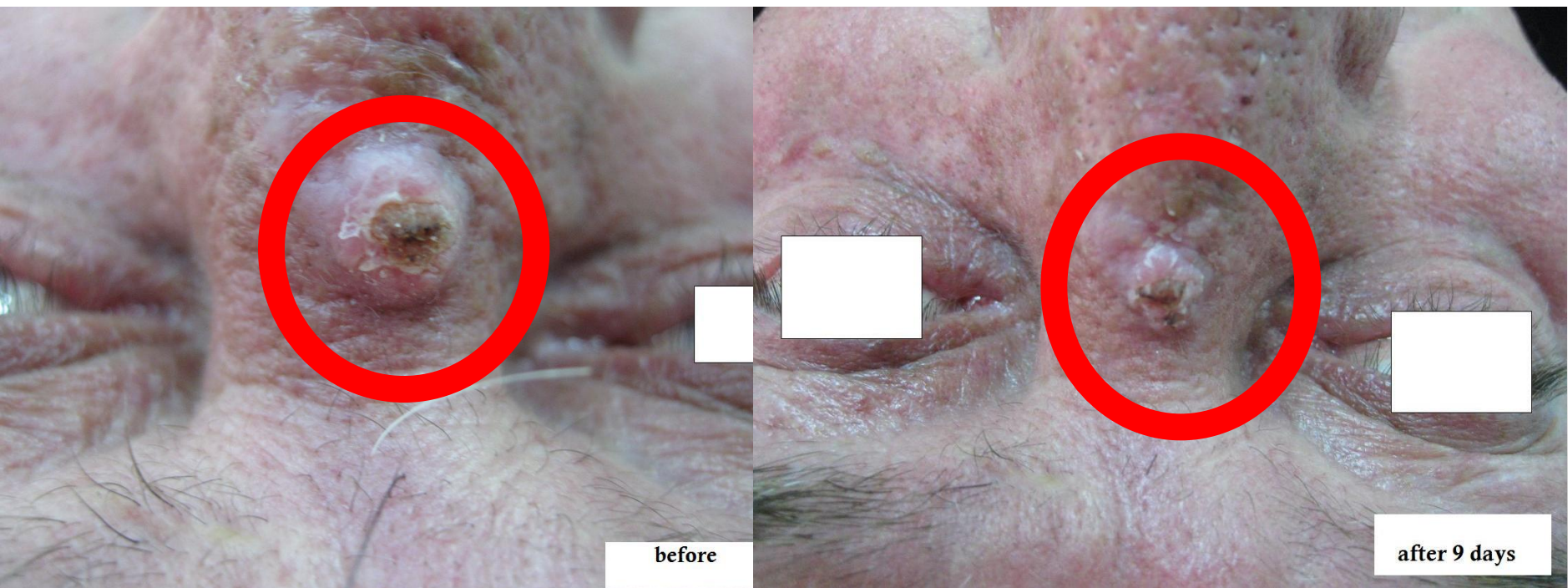
**DAY 01**



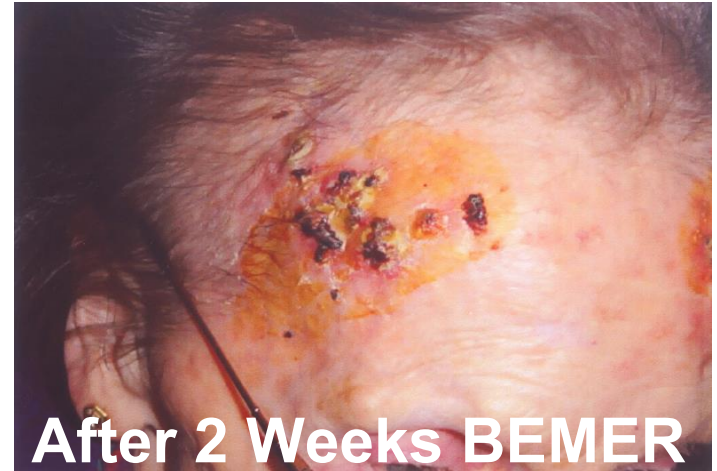
**DAY 02**

# Basal Cell Carcinoma

After 8 therapies with the BEMER mat, applicator and light applicator  
Carcinoma reduced from **13mm x 15mm** to **4mm x 5,5mm**



# Therapiebeispiel: 91 Years old, Skin Cancer





# Herpes Zoster



**Before BEMER**



**After 3 days**

(4 daily BEMER3000 SLT applications)





Late Summer 2007



May 2008

# Fractured Femur & Pelvis



post op



4 weeks post op



8 weeks post op

# Diabetic Retinopathy



Before BEMER



2 months



9 months

After BEMER

# Safety of BEMER Technology

Intensive care & premature babies

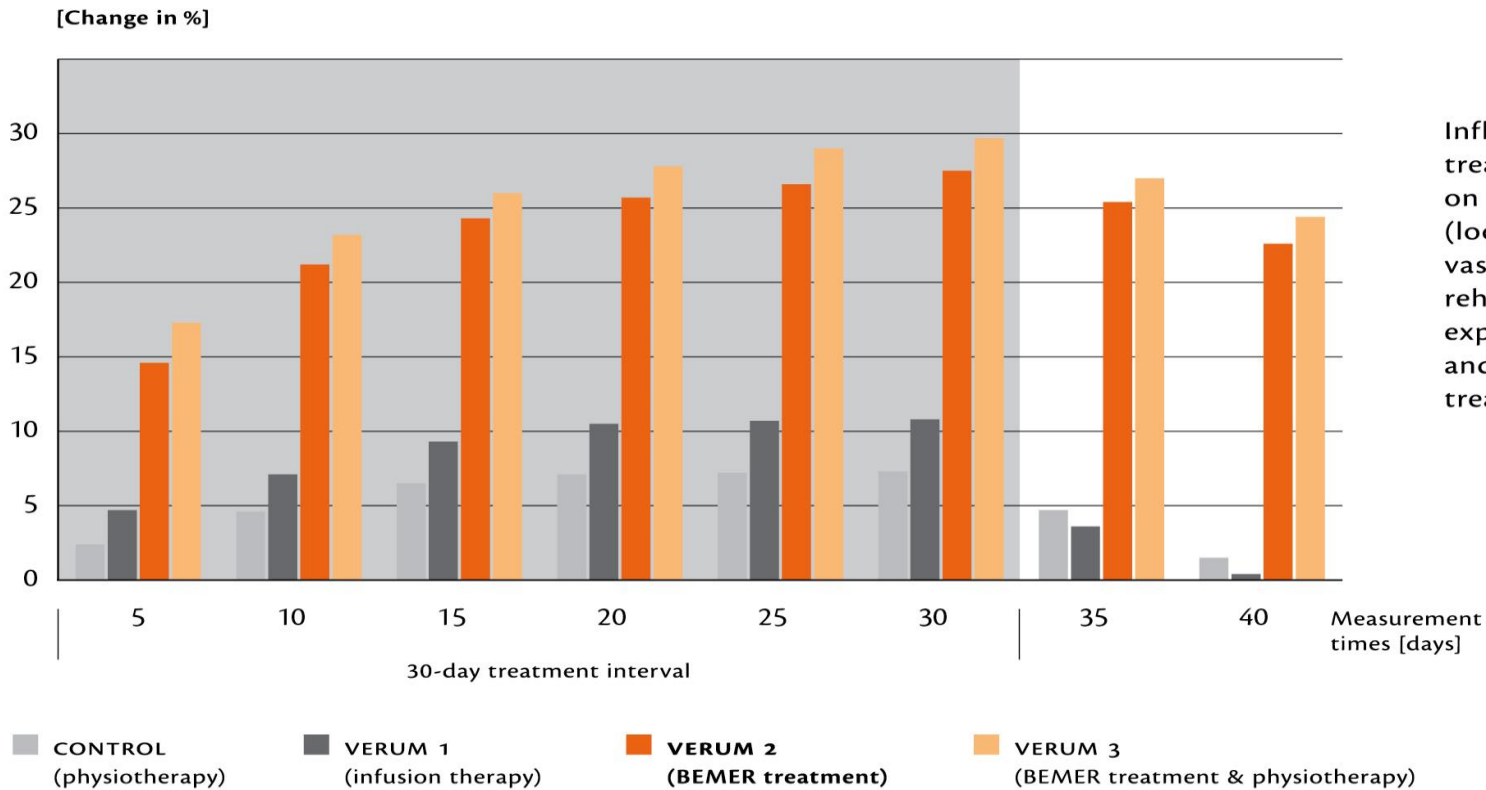


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# Physiotherapy + BEMER Therapy = Perfect Ma



Influence of different treatment methods on the spontaneous (local) arteriolar vasomotion  $A_{VM}$  of rehabilitation patients exposed to infection and stress in a 30-day treatment interval.

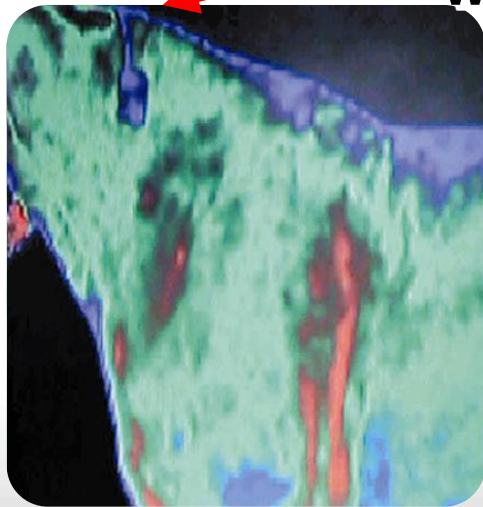
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# Infrared Thermography

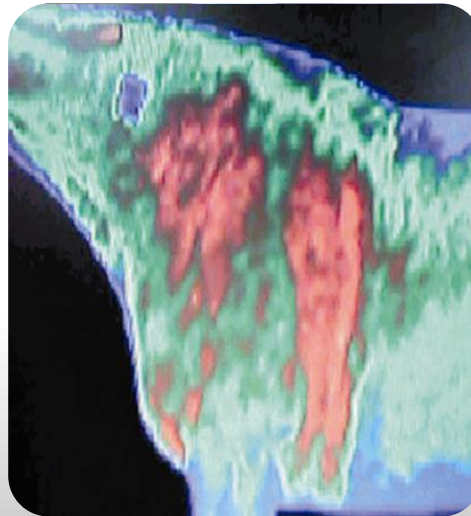
**Thermographic detection of skin surface temperature curve in a horse**

**with intensive applicator Level 3**

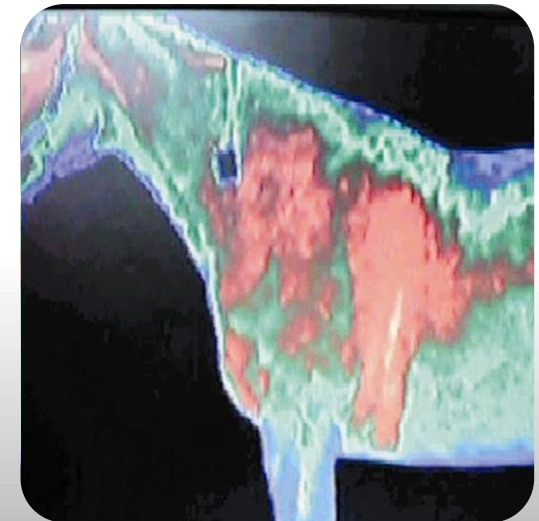


**Start of  
application**

**Conducted measurement with BEMER 3000**



**after 2 min.**



**after 3 min.**

Courtesy of the Main and Country Stud Schwaiganger

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# BEMER - High Performance

A name among athletes around the world

SUPPLIER OF



BEMER in the field of sports ::  
Swiss Olympic

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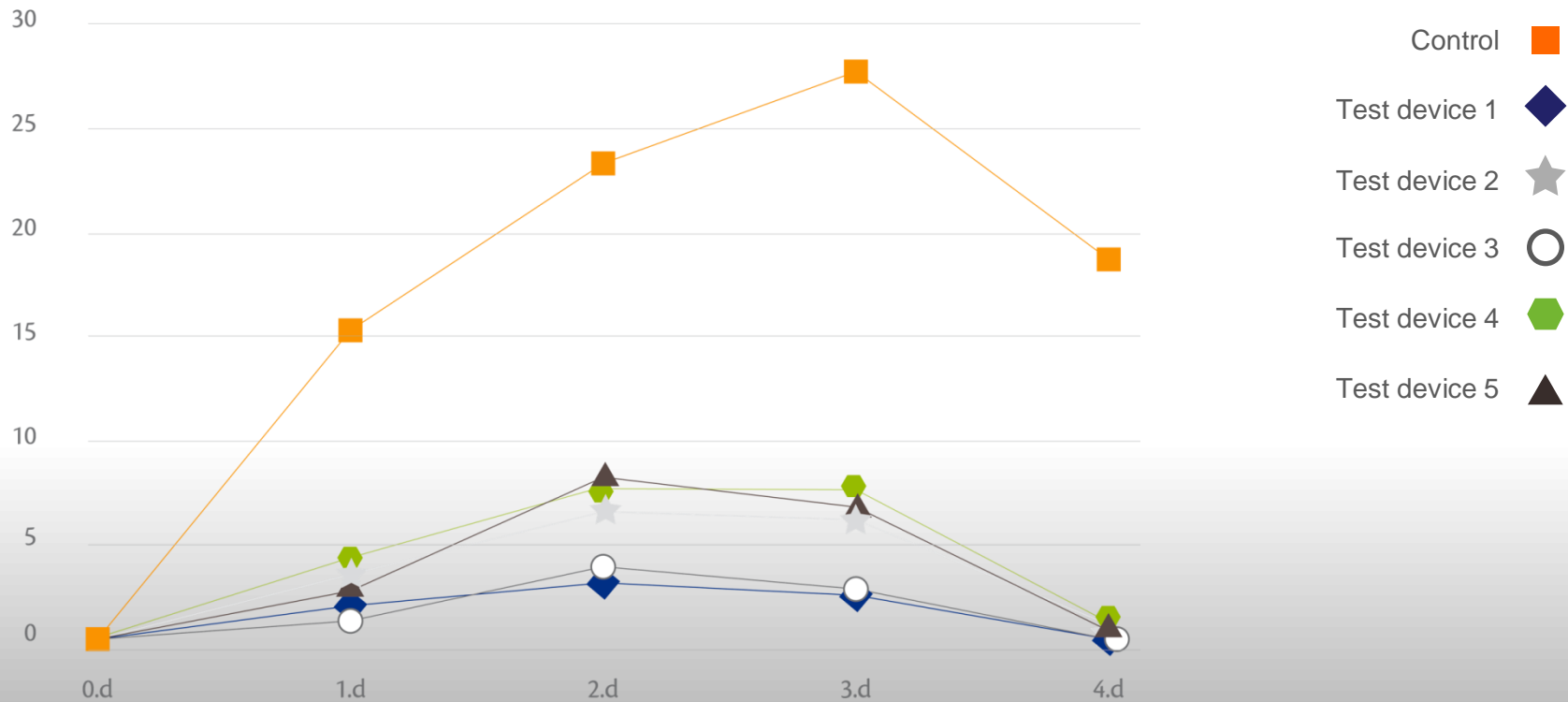
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# Number of blood cell-perfused nodal points

Target tissue :: intestines

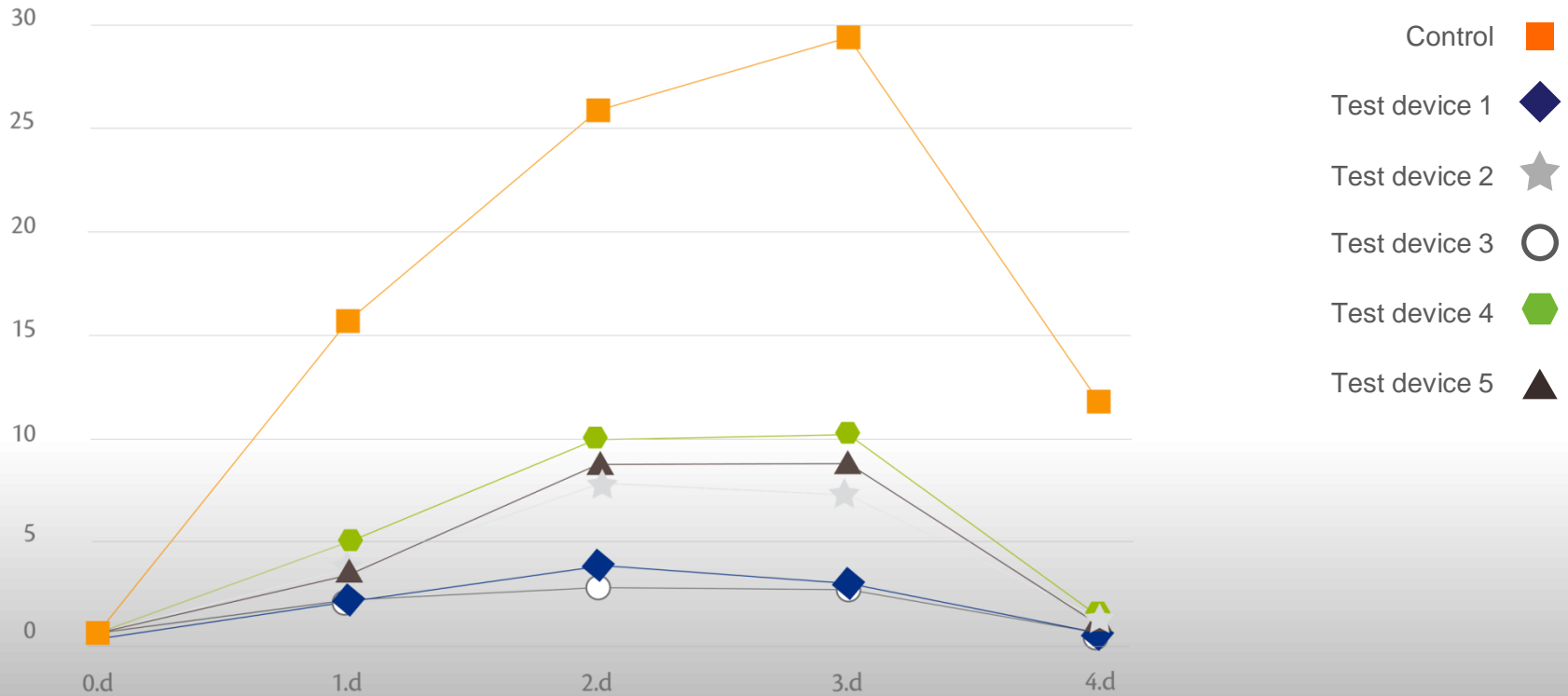
[changes in %]



# Venular oxygen utilization

Target tissue :: intestines

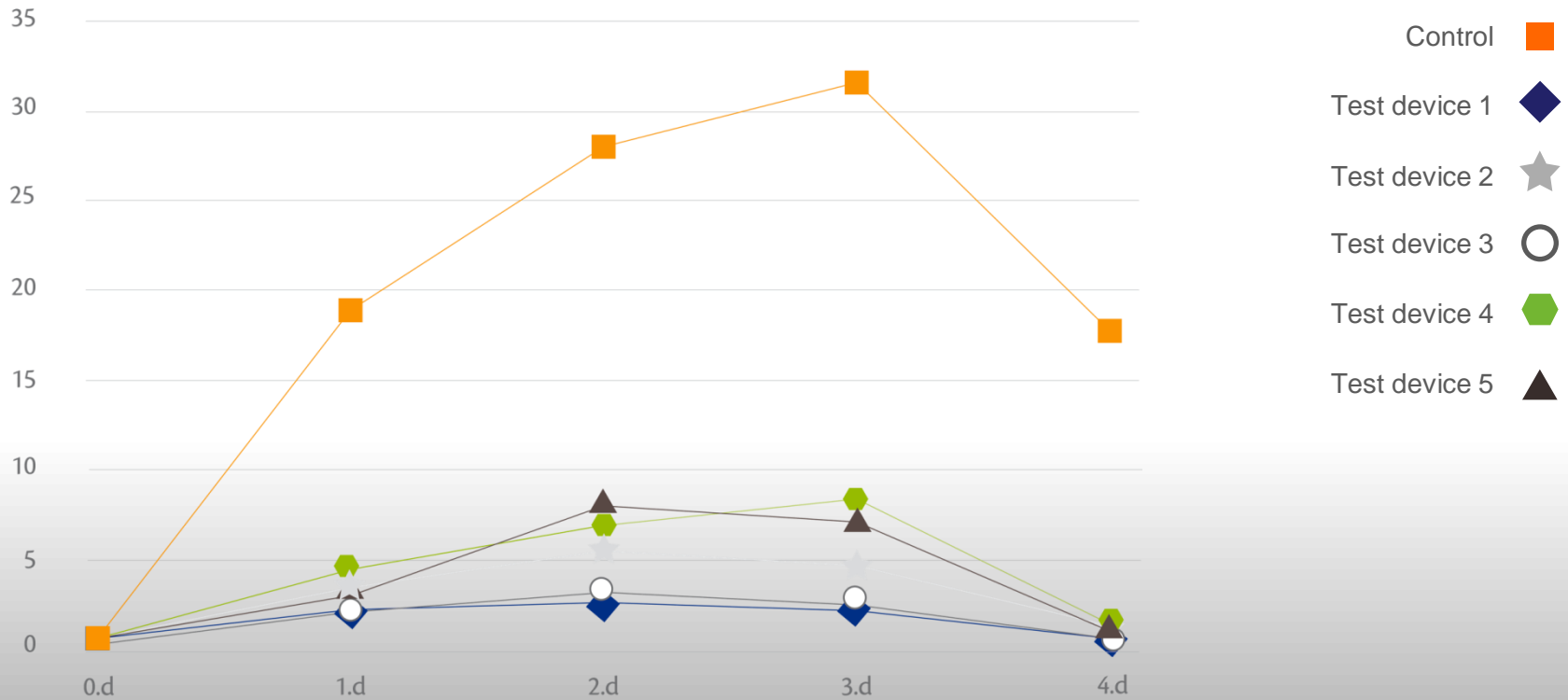
[changes in %]



# Initial lymph flow

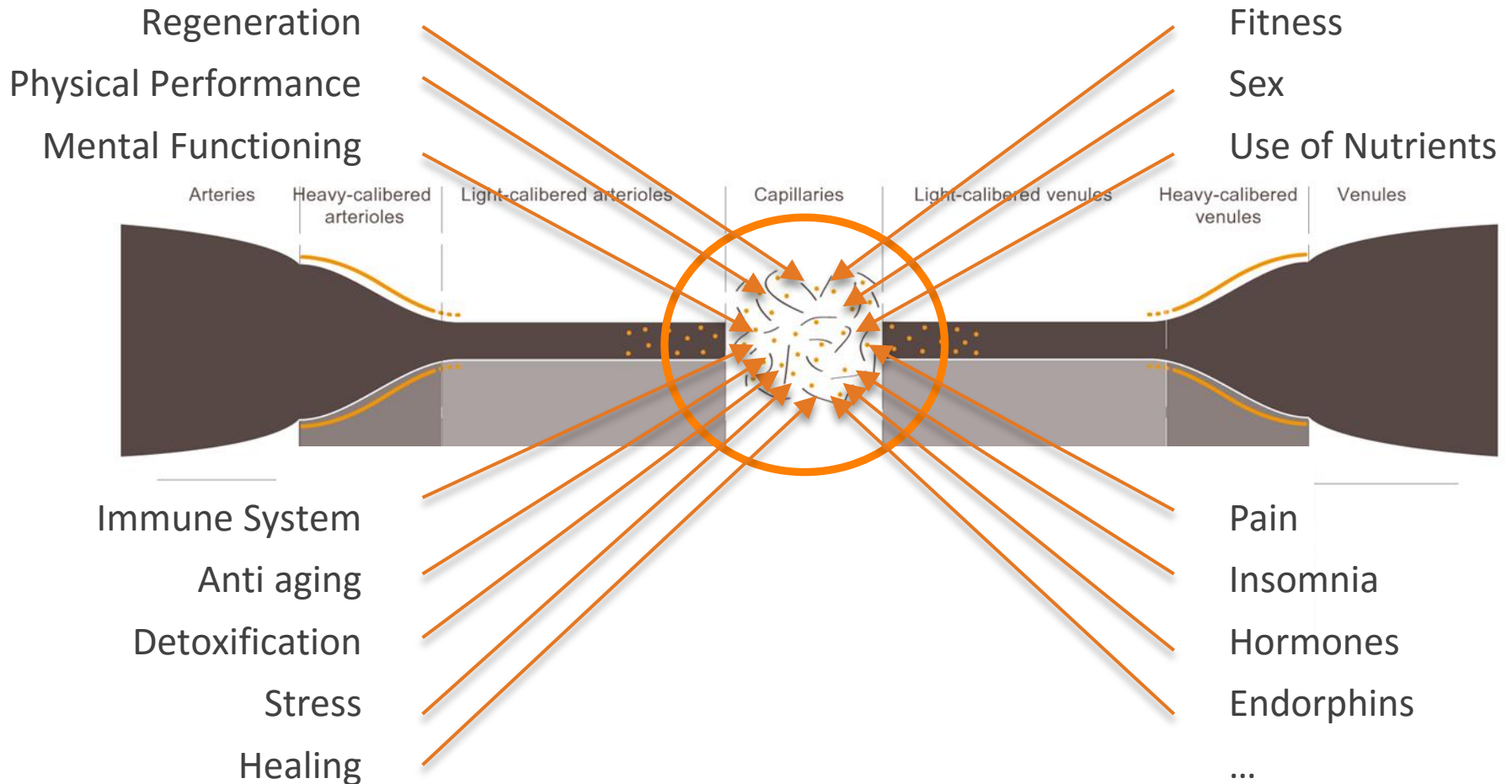
Target tissue :: intestines

[changes in %]



# Now you know:

It is all in your microcirculation







**BEMER ON EARTH.  
NOW ALSO IN SPACE.**

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