Comparison of various PEMF devices

Institute of Microcirculation – Berlin, Germany 20.2.2013

Test device	Device name
Control	BEMER Classic
Test device 1	Magneter
Test device 2	Impulser
Test device 3	Terramagnon
Test device 4	SENTIPLUS
Test device 5	IMRS

- **Sample size n = 12**
  GP care with no pathology, exposure to moderate chronic stress and infection

- **Physical data regarding the test subjects**
  Means and standard deviations

  Age in years 51.6 ± 1.4
  Weight in kg 79.6 ± 3.7
  Height in cm 175.2 ± 9

- **Regarding use of the test appliances**
  Control   BEMER system 2 x daily 8 min spaced 2 h, mat, level 3
  Test appliances 1 - 5   according to manufacturer specifications with comparable or similar application.

- **Treatment interval day 1 to 3.**
  Measurement interval 5 days.
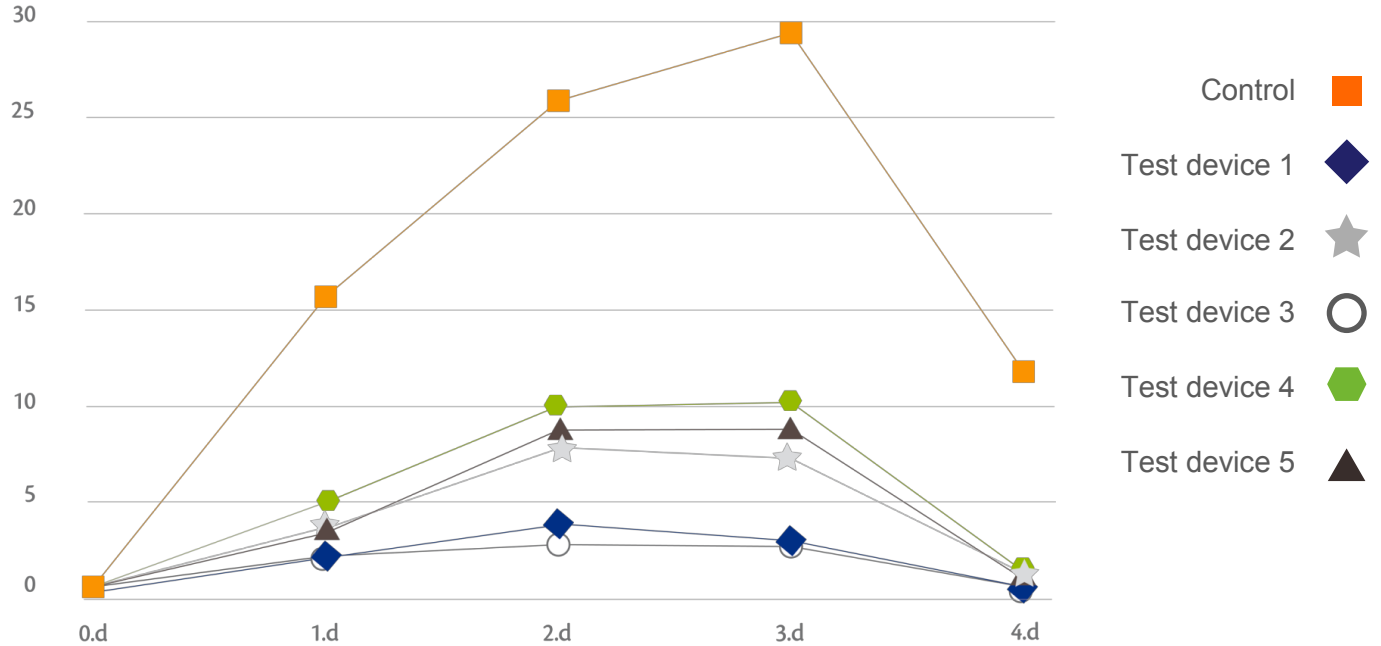 Day 0 – Determine the output values one day before the first treatment.
  Days 1, 2 & 3 – Collect measurement immediately after the second treatment on each treatment day.
  Day 4 – Residual effect.

Venular oxygen utilization
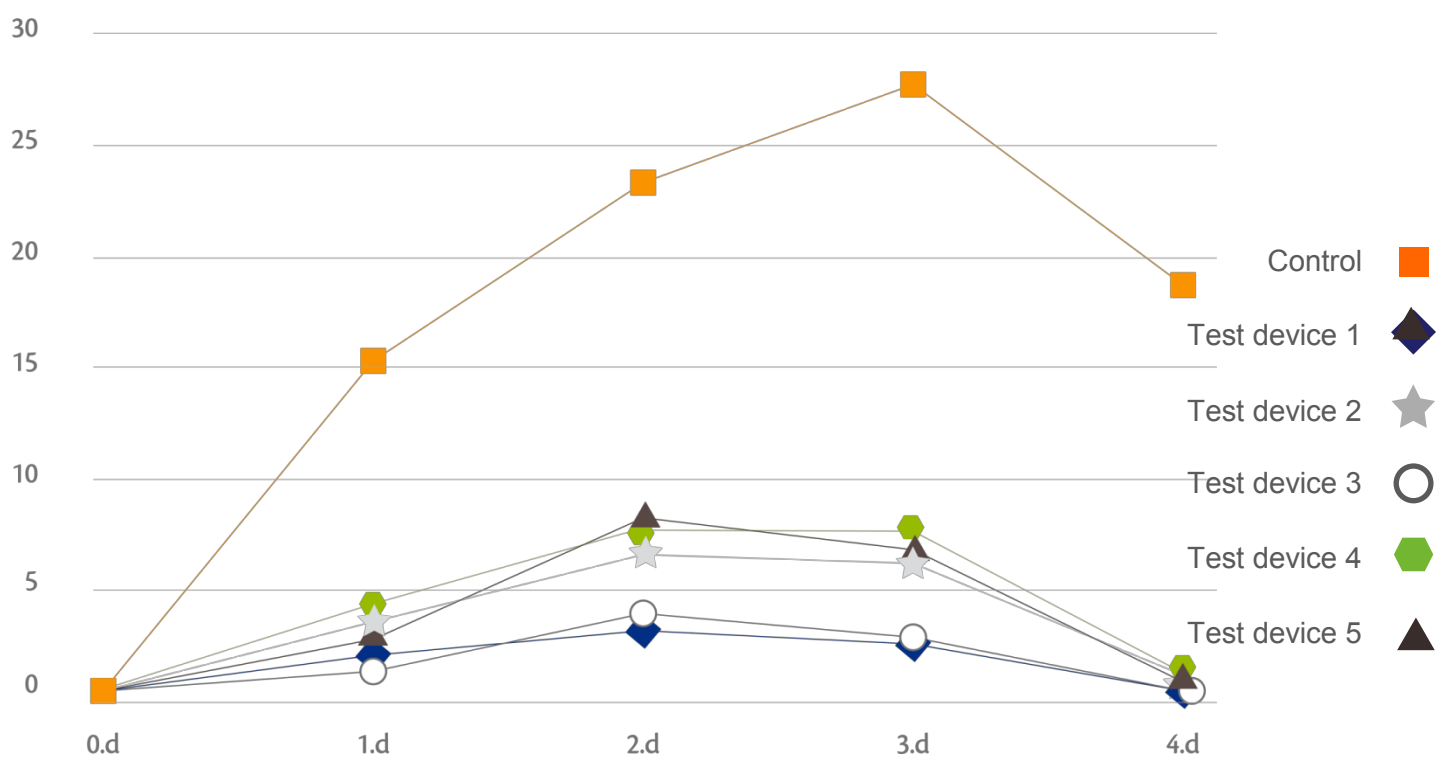
Target tissue :: intestines

[changes in %]

Control
Test device 1
Test device 2
Test device 3
Test device 4
Test device 5

Number of blood cell-perfused nodal points

Target tissue :: intestines

[changes in %]

Control
Test device 1
Test device 2
Test device 3
Test device 4
Test device 5

Venular flow
Target tissue :: intestines
[changes in %]

Control · Test device 1 · Test device 2 · Test device 3 · Test device 4 · Test device 5
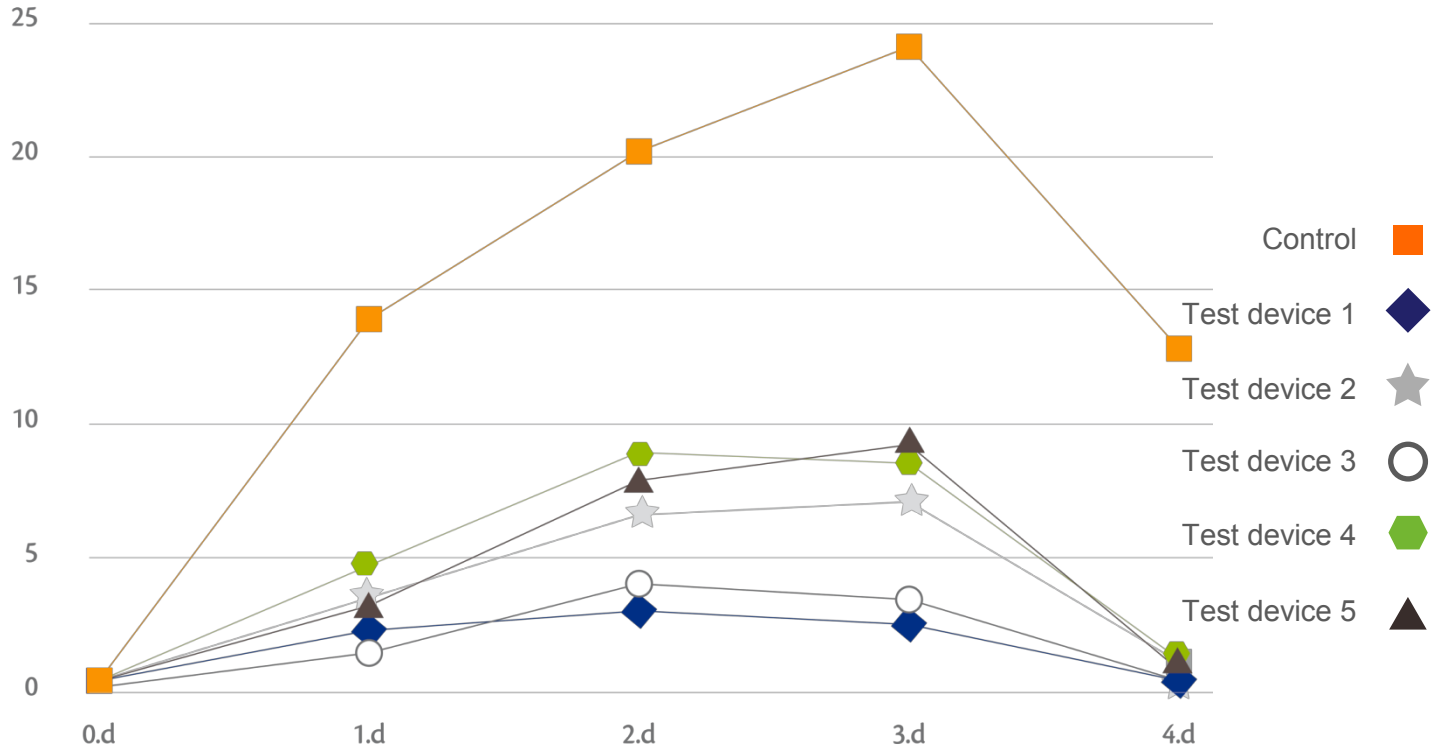
Initial lymph flow
Target tissue :: intestines
[changes in %]

Control · Test device 1 · Test device 2 · Test device 3 · Test device 4 · Test device 5