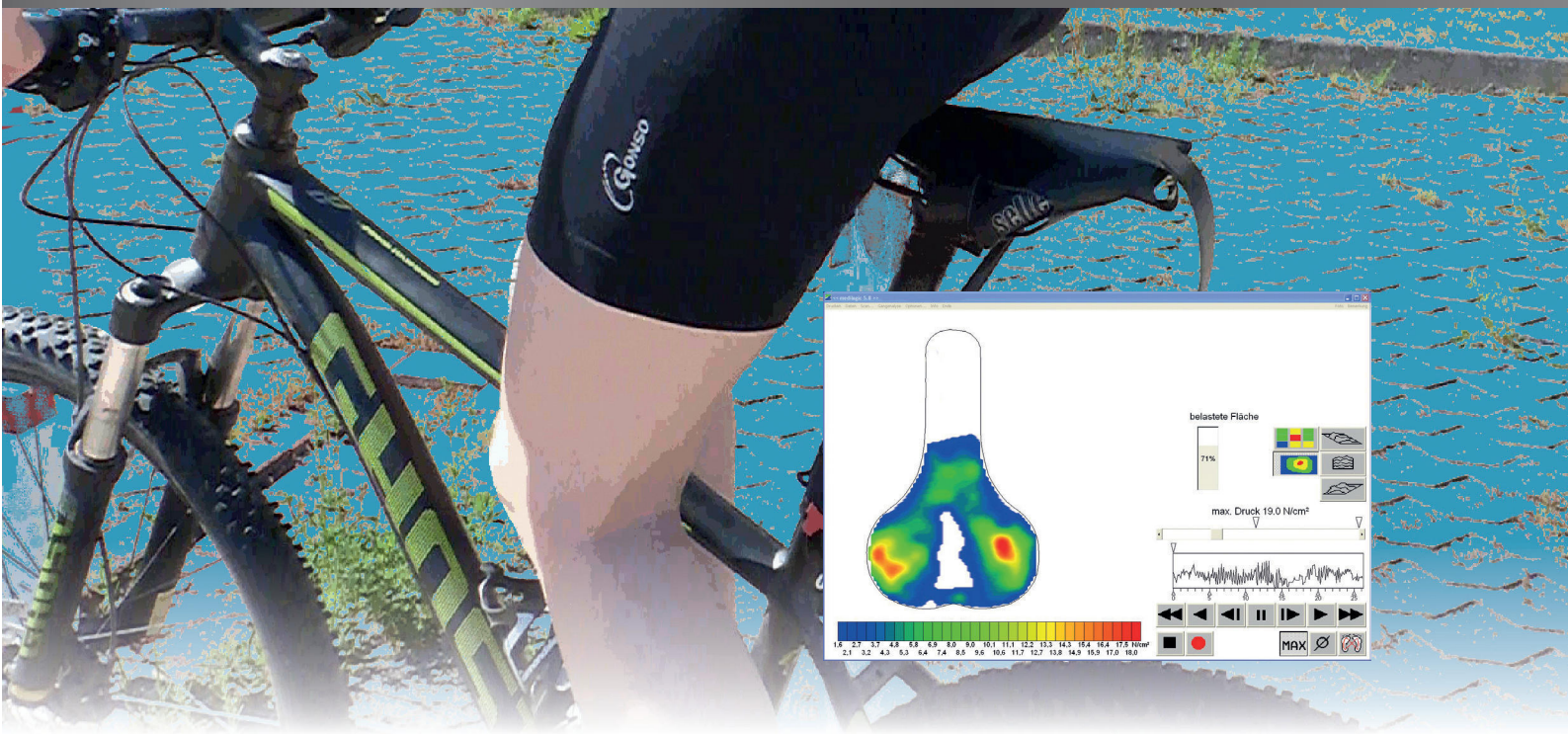
medilogic

# Seat Pressure Measurement Bicycle




# DYNAMIC PRESSURE MEASURING WHILE RIDING

## medilogic Seat Pressure Measurement Bicycle

- Stress analysis during bicycling
- Recording an documentation of pressure distribution
- Adaption of saddle and seating position
- Intuitive and practicable
- Wireless data transmission
- Mobile use
- CE-marked medical device class I m

### Technical Data (may change without notice)

- Saddle Pad: flexible saddle pad, saddle shape formed
- With 240 up to 480 SSR sensors
- Power supply: 9 V standard battery
- Range of measurement: 0,2 to 64 N / $cm^2$
- Sampling Rate: 60 Hz
- Recommended minimum Computer Configuration: x86 compatible processor, min. 8 GB RAM, 1 free USB Port, Windows® 10, 11

Products for humans

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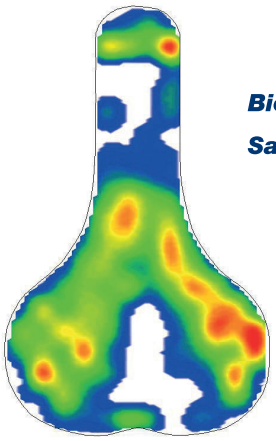
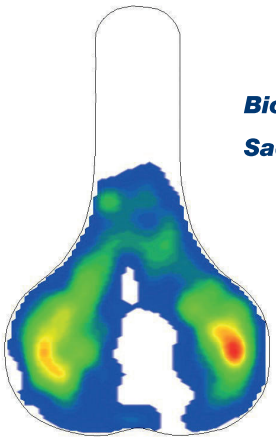
# Seat Pressure Measurement Bicycle

## Parameters of influence on the perfect fitted saddle:
## **Form of saddle, inclination of saddle, position of saddle** on seat post



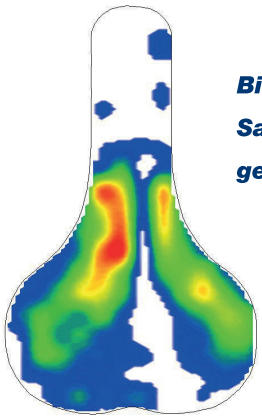
***Bicycle: Mountainbike***
***Saddle: original saddle***

**Presentation of maximum pressure distribution of a not well fitted saddle:** position of saddle on seat post far back, horizontal position, no inclination of saddle.



***Bicycle: Mountainbike***
***Saddle: original saddle***

**Presentation of maximum pressure distribution of a well fitted saddle:** position of saddle on seat post correct, inclination of saddle correctly identified.



***Bicycle: Mountainbike***
***Saddle: saddle with gel padding***

**Presentation of maximum pressure distribution:** Example of saddle shape without an anatomically fitting.

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