

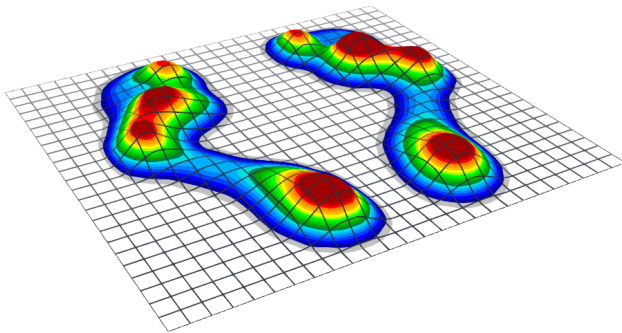
Ganganalyse-Report

Person:

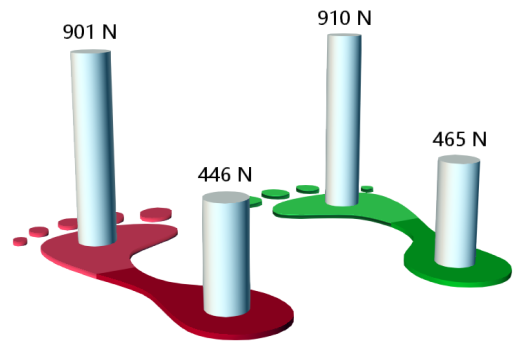
Messen: 08.02.2023 01:00, Ganganalyse FDM-T, BF_OST_950

3D-Druckbild

Standphase, Durchschnitt

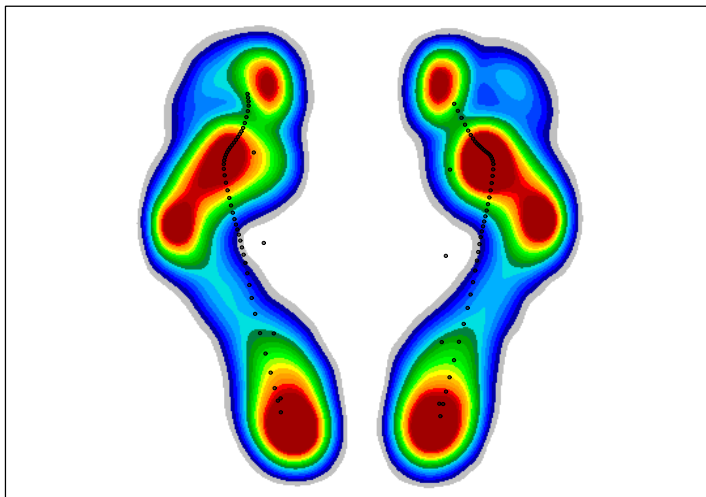


Kraft Vorfuß/Rückfuß

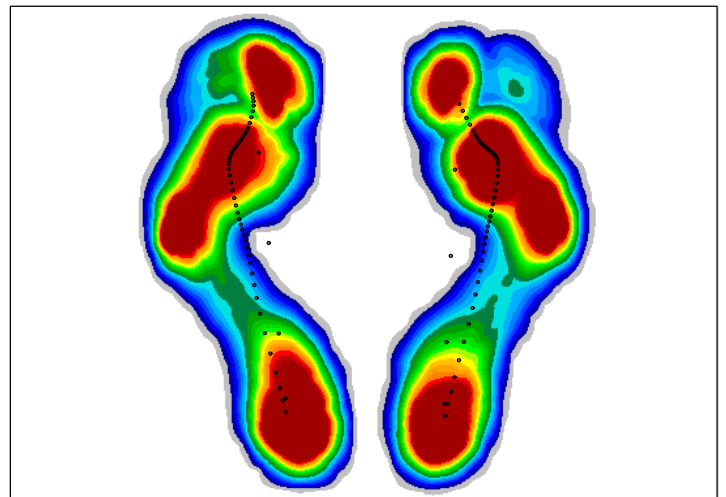


Druckbilder

Mittl. Standphase, Durchschnitt



Standphase, Maximum

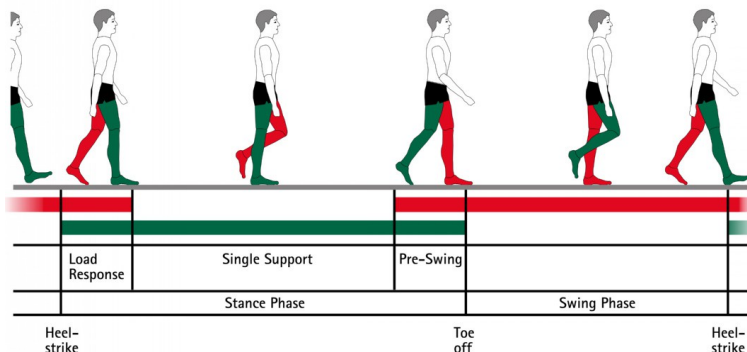


Ganganalyse-Report







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Gangparameter








Geometrie

| | | | | | |
|----------------------|---|----------|------|---|--------|
| Fußrotation, Grad | L | 11,8±2,1 | -15° |  | 15° |
| | R | 10,1±1,7 | |  | |
| Schrittlänge, cm | L | 101±2 | |  | 220 cm |
| | R | 100±2 | |  | |
| Länge Gangzyklus, cm | | 201±3 | |  | 220 cm |
| Spurbreite, cm | | 4±2 | |  | |

Phasen

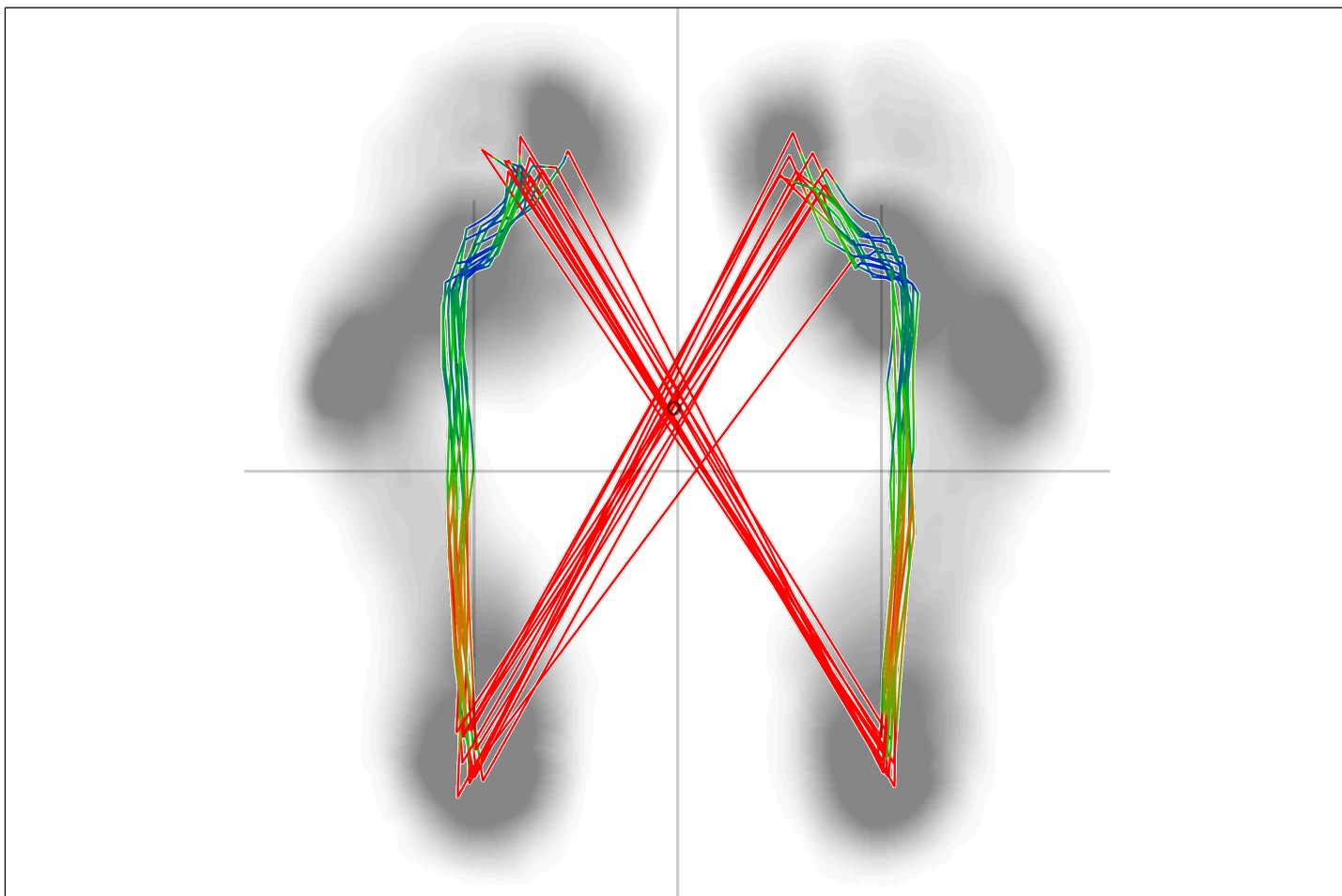
| | | | | | |
|------------------------|---|----------|--|--|-------|
| Standphase, % | L | 36,0±1,1 | |  | 100 % |
| | R | 34,8±1,0 | |  | |
| Stoßdämpfungsphase, % | L | 0,0±0,0 | | | |
| | R | 0,0±0,0 | | | |
| Mittlere Standphase, % | L | 36,1±1,1 | |  | |
| | R | 34,8±1,0 | |  | |
| Vorschwungphase, % | L | 0,0±0,0 | | | |
| | R | 0,0±0,0 | | | |
| Schwungphase, % | L | 64,0±1,1 | |  | |
| | R | 65,2±1,0 | |  | |
| Doppelstandphase, % | | 0,0±0,0 | | | |

Timing

| | | | | | |
|-----------------------|---|-----------|--|--|------------------|
| Schrittdauer, Sek | L | 0,38±0,01 | |  | 0.9 Sek |
| | R | 0,38±0,01 | |  | |
| Dauer Gangzyklus, Sek | | 0,76±0,01 | |  | 0.9 Sek |
| Kadenz, Schritte/min | | 158±2 | |  | 170 Schritte/min |
| Geschwindigkeit, km/h | | 9,5±0,2 | |  | 11 km/h |

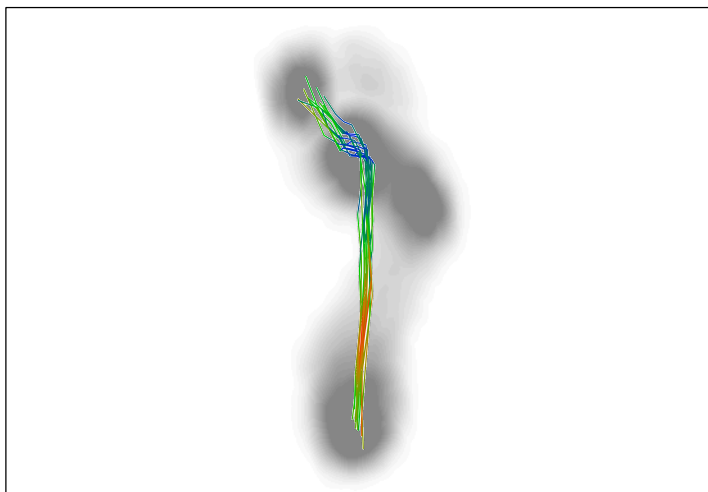
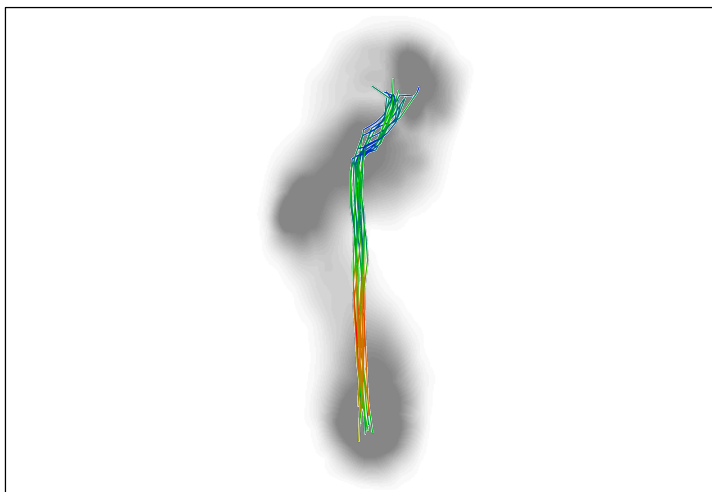
COP-Analyse

Schmetterlingsdiagramm










Ganglinie links

Ganglinie rechts



Parameter für Schmetterlingsdiagramm

| | | | | |
|---|---|------------|---|------------------|
| Länge der Ganglinie, mm | L | 203,0±9,6 |  | 230 mm |
| | R | 199,8±11,4 |  | |
| Linie Mittlere Standphase, mm | L | 205,1±9,1 |  | |
| | R | 199,5±9,9 |  | |
| Ant./Post. Position, mm | | 21,6±7,2 |  | -115 mm 115 mm |
| Seitliche Verlagerung, mm | | -1,3±4,4 |  | -21 mm 21 mm |
| max. Geschwindigkeit der Ganglinie, cm... | | 309,3 |  | |

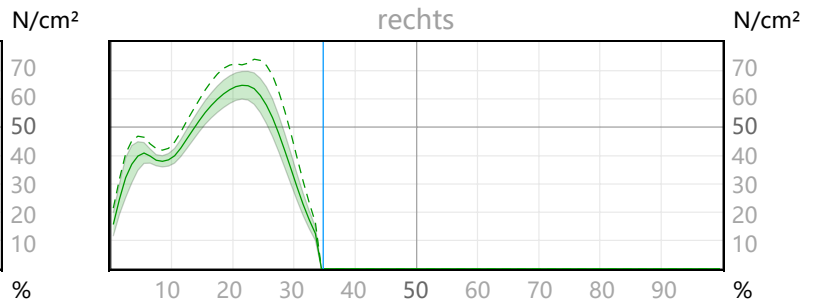
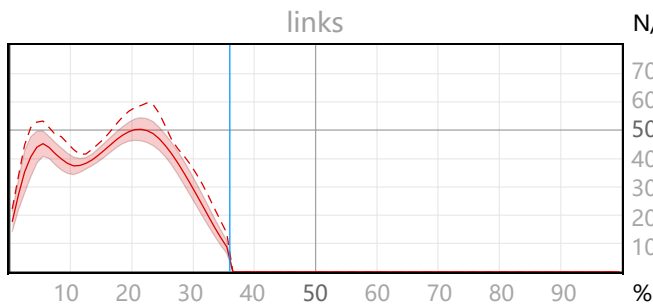
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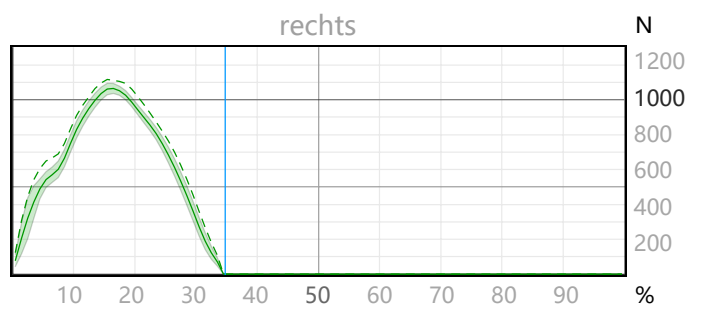
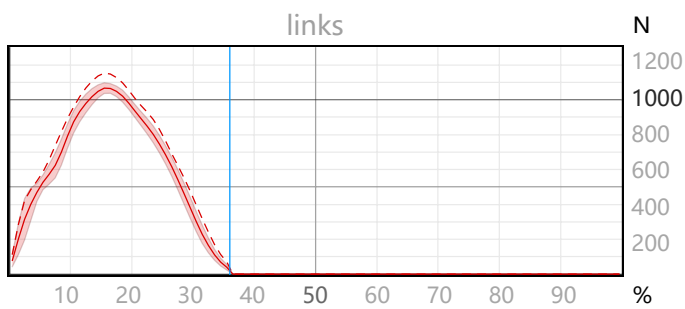
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Kraft & Druck

Druckkurven



Kraftkurven

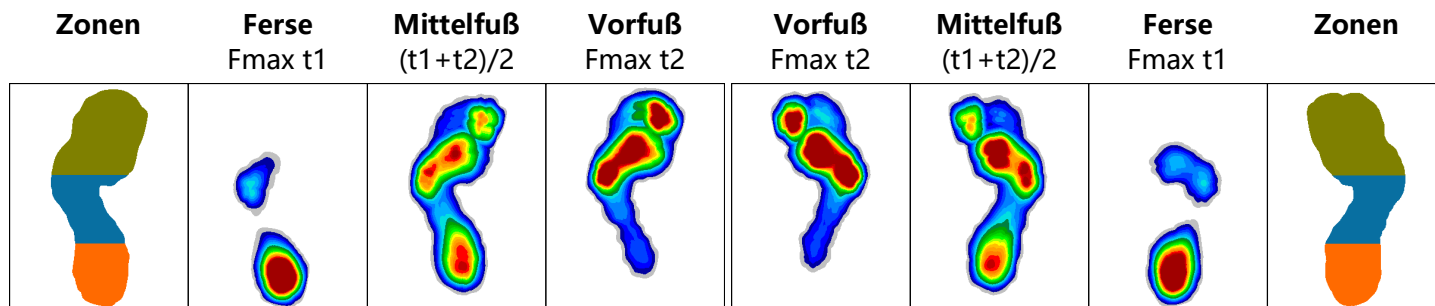


Ganganalyse-Report

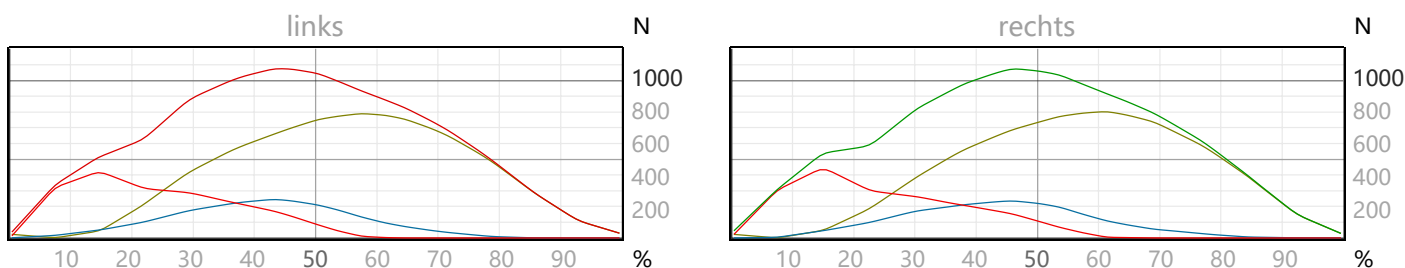
Person:

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Drei-Fußzonen-Analyse








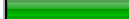
3 Zonen - Kraftkurven









Lastwechsel

| | | | | |
|----------------------------------|---|-----------|--|----------|
| Wechsel Rückfuß nach Vorfuß, Sek | L | 0,04±0,01 |  | 0,07 Sek |
| | R | 0,05±0,01 |  | |
| Wechsel Rückfuß nach Vorfuß, % | L | 16,1±2,9 |  | 100% |
| | R | 20,0±2,9 |  | |







Maximalkraft, N

| | | | | |
|-----------|---|------------|--|--------|
| Vorfuß | L | 798,2±41,0 |  | 1200 N |
| | R | 810,0±26,6 |  | |
| Mittelfuß | L | 248,5±25,3 |  | |
| | R | 243,6±27,1 |  | |
| Ferse | L | 435,7±34,9 |  | |
| | R | 450,1±29,0 |  | |

Maximaldruck, N/cm²

| | | | | |
|-----------|---|----------|--|----------|
| Vorfuß | L | 26,7±3,1 |  | 50 N/cm² |
| | R | 34,8±2,9 |  | |
| Mittelfuß | L | 25,0±4,2 |  | |
| | R | 25,8±3,7 |  | |
| Ferse | L | 28,4±3,0 |  | |
| | R | 25,4±2,7 |  | |

Zeitpunkt Maximalkraft, % der Standphase

| | | | | |
|-----------|---|----------|--|------|
| Vorfuß | L | 50,2±3,0 |  | 100% |
| | R | 51,9±2,8 |  | |
| Mittelfuß | L | 35,0±3,6 |  | |
| | R | 38,4±4,4 |  | |
| Ferse | L | 3,6±3,6 |  | |
| | R | 6,5±2,7 |  | |