



Summary:

Please notice: In all the pressure pictures: The bottom of the picture points towards the front of the horse.
A Butterfly Uta Gräf 18°, deep seat was used in all 3 horses. For Serenity and Mc Allen an additional padding was used in front.

The horses moved freely under the saddle during the measurements.

The pressure values for this model, on these 3 horses were within the threshold limits. This saddle could be used on these 3 horses.



Saddle pressure measurement report
Butterfly saddle
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Dr.med.vet. Katja Geser-von Peinen
FVH für Pferde
Pferdeklinik der Vetsuisse Fakultät, Abteilung Sportmedizin
Winterthurerstr. 260
CH - 8057 Zürich

Tel: +076 562 57 44, Email: kvonpeinen@vetclinics.uzh.ch



Explanations:

MPP: Maximal Pressure Picture : Every sensor shows the highest measured value of the whole measurement

MVP: Mean Value Picture: Each sensor shows the mean pressure, measured in this measurement.

Both values are necessary to judge a saddle..



Values above 35 kPa can be related to back pain.

In horses with fitting saddles, the MPP values range from 13 kPa at walk to 20 kPa at trot up to 25 kPa at canter, The MVP values reach from 8 kPa (walk) to around 10 kPa at trot up to 12 kPa at canter.



Horse: Rocky

Saddle: Butterfly Uta Gräf, 18", deep seat,
Sandwich Panels

Rider: K. Brunschweiler

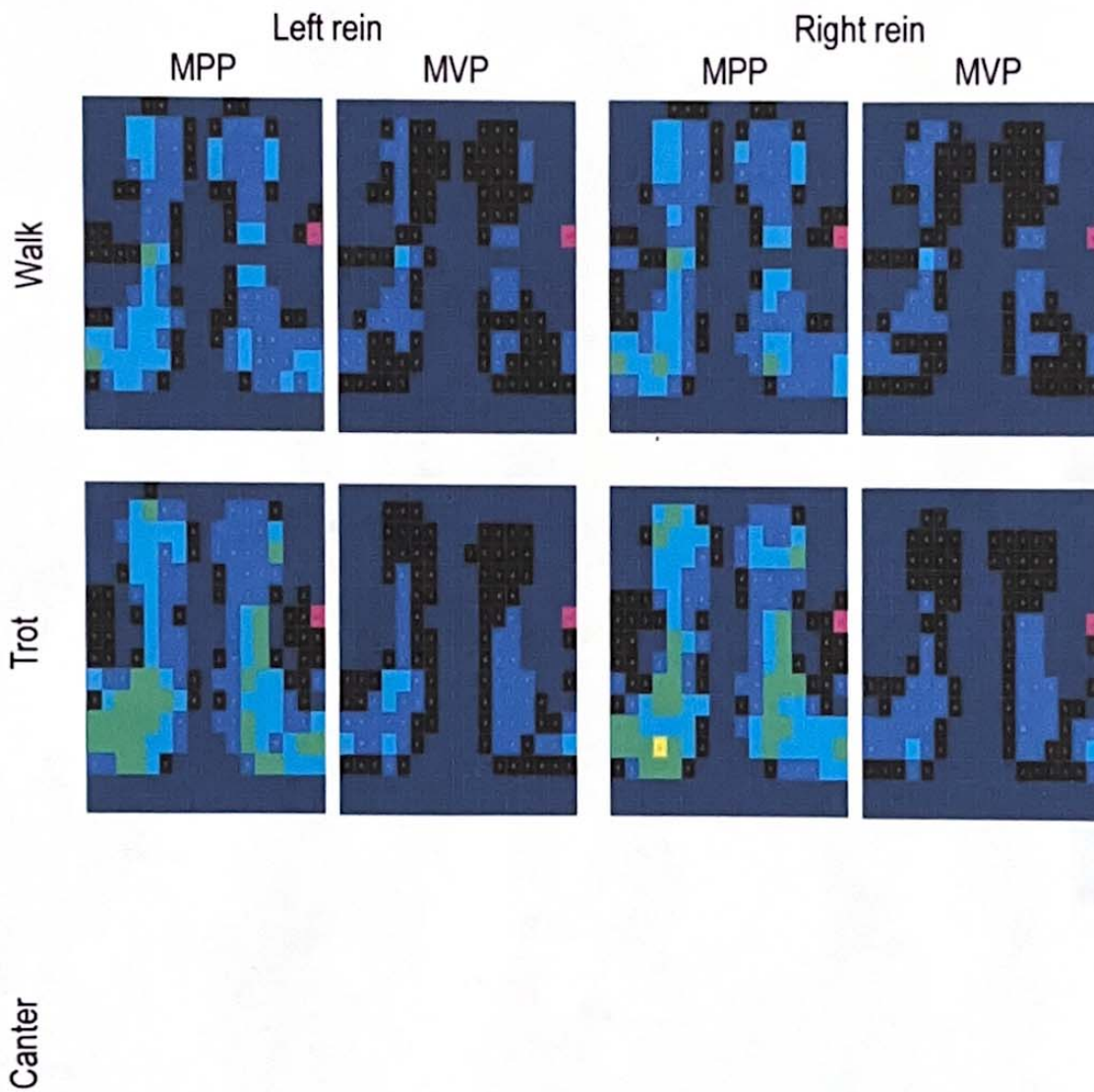
Pad: ..

Comment:

Rocky: Pony, gelding, bay, 22 years

Lame hind left, gets better while working..

Measuring error in row 9 from bottom and the sensor in row 10 far right. Pressure values in all gaits within threshold values.



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Horse: Serenity

Saddle: Butterfly Uta Gräf, 18", deep seat,
Sandwich Panels, Padding in front

Rider: K. Brunnschweiler

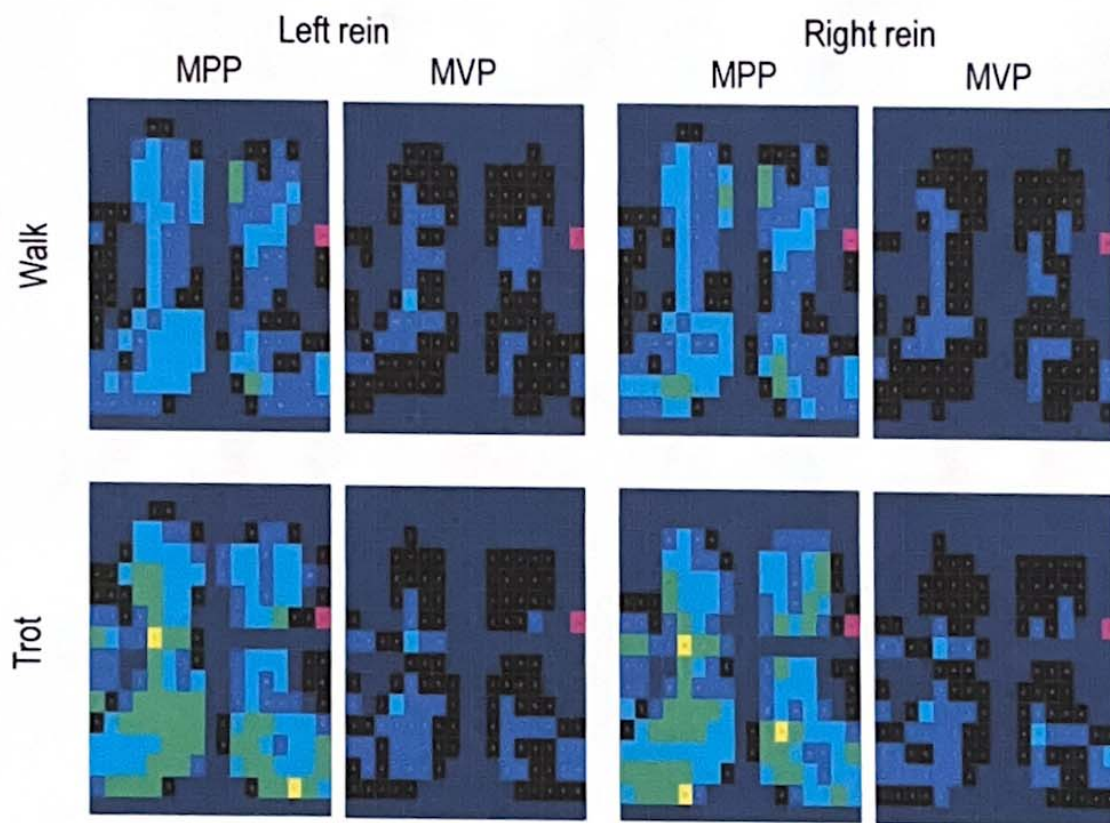
Pad:

Comment:

Serenity: mare, TB, bay, 11 years.

Measuring error in row 10, sensor far right. At trot also row 9 from bottom.

Pressure values in both gaits within threshold values.



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Horse: Mc Allen

Saddle: Butterfly Uta Gräf, 18", deep seat,

Sandwich Panels, Padding in front

Rider: K. Brunnschweiler

Pad: -

Comment:

Mc Allen: gelding, TB, chestnut, 8 years.

Measuring error row 10, sensor far right.

Pressure values within threshold limits at walk and trot.

Very low pressure values at canter, right rein.

