

Independent Study

Proves Neutral Posture's claim to comfort



The Neutral Posture® Chair

offers the most comfortable fit of any chair on the market. Other seats may look comfortable, but it is what is on the inside that counts.

Our customized, multi-density foam and contouring allow the person to **sit in** the chair instead of **on** the chair with less pressure and more comfort.

Enhanced with the advanced technology of our Cloud 9™ knitted material, the foam fully conforms to the shape of each individual. Woven fabrics, as well as mesh, prevent this type of conformance. As a result, they are not as comfortable.

A fascinating independent lab study has shown a significant reduction in seated pressure when using Neutral Posture® Chairs as compared with some of the most well known chairs on the market today!¹ This study was recently duplicated under real world or "field" conditions with nearly identical results.²

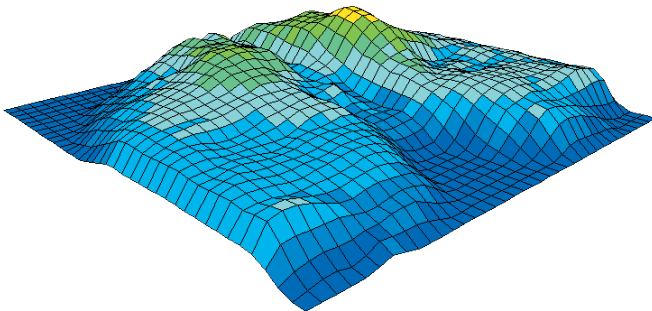
1. Vos, G.A., Congleton, J.J., Moore, S., Amendola, A., Ringer, L., Postural versus chair design impacts upon interface pressure. *Applied Ergonomics* Appl Ergon. 2006 Sep;37(5):619-28.

2. Craig, B. N., Joubert, B, and Fillyaw, J. "Analysis of Buttock-Thigh Pressure of Five High End Ergonomic Office Chairs: A Field Study". IIE Solutions Conference, May 2002.

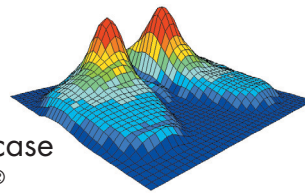
Other names mentioned herein are/or may be trademarks or trade names of their respective owners.

The Neutral Posture® NPS8600 Chair

Peak Pressure 94
Mean Pressure 41.29

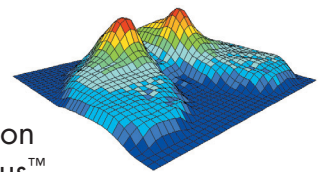


Steelcase Leap®



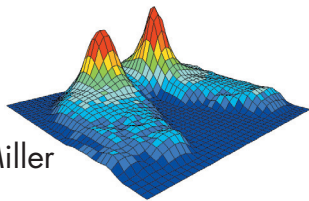
Peak Pressure 182
Mean Pressure 49.64

Teknion Amicus™



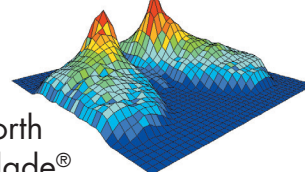
Peak Pressure 140
Mean Pressure 48.65

Herman Miller Aeron®



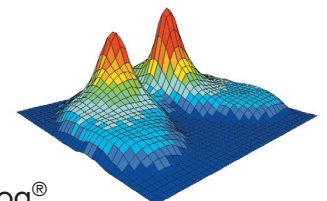
Peak Pressure 207
Mean Pressure 44.15

Haworth Accolade®



Peak Pressure 175
Mean Pressure 49.91

Knoll Bulldog®



Peak Pressure 219
Mean Pressure 49.42

*all pressures shown in mmHg

Don't be fooled

Others claim their seats reduce seated pressure. Using pressure mapping is one way to show how much seated pressure a seat produces. However, pressure mapping devices can be set to different scales, allowing for different graphical interpretations.

In the case of diagram A and B it looks obvious that A has a higher pressure than B. In this example, that is the case. Diagram A has a mean peak pressure of 152.33mmHg while diagram B has a mean peak pressure of 102.83mmHg.

However, by changing the scale used during pressure mapping, it is possible to change the appearance of diagram A so that the graphic image appears more like that of B, even though there is no change in the actual mean peak pressure. The proof is in the numbers.

Ask for them!

The best way to see the proof in the numbers is to compare apples to apples. The studies that were conducted by the Ergonomic Center at Texas A&M University¹ and Lamar University² on Buttock-Thigh Pressure Measurement **prove** that the NP[®] chairs out "sit" any chair on the market.

Diagram A
(Competitor)

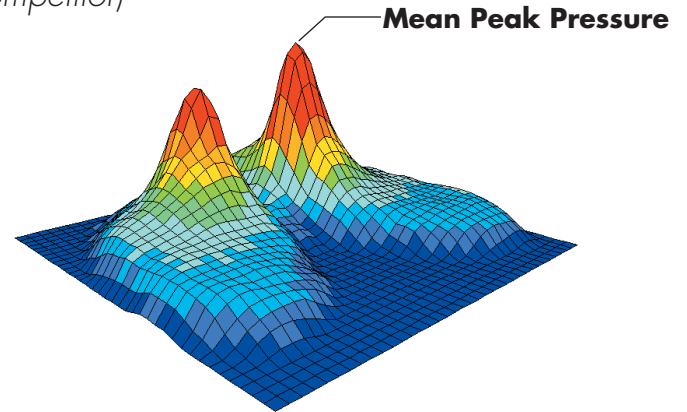


Diagram B
(Neutral Posture[®] NPS8500 Chair)

