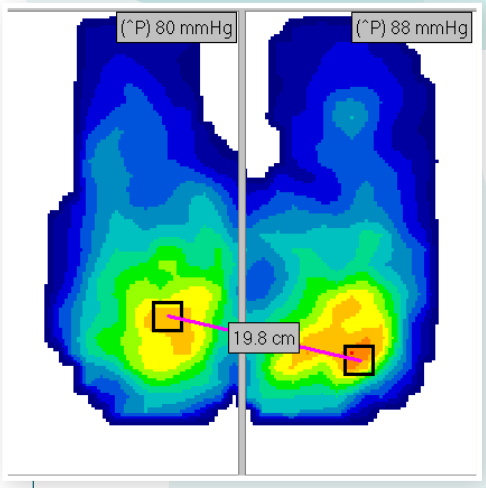
Tekscan®

CONFORMat®

Seating & Positioning System

Objective pressure analysis of seating and positioning

The CONFORMat system provides accurate, real-time information on pressure distribution and Center of Force (CoF) movement that helps providers develop optimal seating and positioning strategies for each individual patient. The specially designed flexible CONFORMat sensor conforms to the patient and support interface to ensure accurate pressure measurements.



CONFORMat's clear, color-coded display identifies high-pressure areas (in red) and shows the effect of positioning changes in real-time.

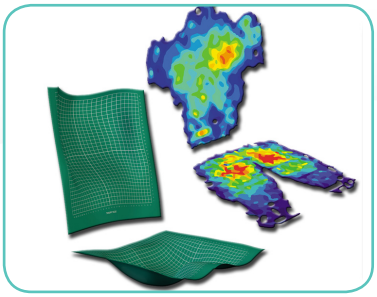
Why use pressure mapping?

- Validate cushion selection
- Identify unseen asymmetries
- Improve custom seating designs
- Provide clear visual feedback to patients
- Optimize seating to eliminate the risk of pressure ulcers
- Conformable sensor technology ensures accurate, repeatable pressure mapping measurements

Pressure mapping can save you the cost & burden of ulcers

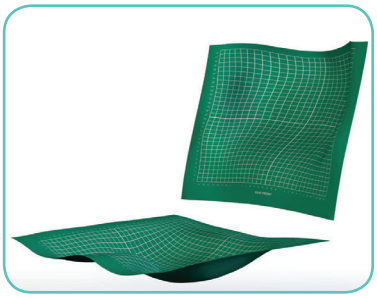
Experts estimate that approximately 2.5 million people suffer pressure ulcers in U.S. hospitals each year, costing the healthcare system millions of dollars[2]. A simple pressure mapping exam helps prevent pressure ulcers in patients, saving money and avoiding unnecessary pain and suffering. It also provides objective documentation for treatment selections, and supports evidence-based justification for insurance claims.

Why CONFORMat?



Accuracy – In a recent study[1], the CONFORMat sensor was found to have the least overall influence between buttocks and common seat cushions.

Patient Satisfaction – Visual feedback of changes in the pressure profiles can encourage better patient satisfaction and compliance.



Flexible Sensor Design – As the name suggests, the CONFORMat conforms to the subject and seating interface ensuring consistent and accurate results. The sensor contains over 2,000 sensing elements that can move independently of each other in three dimensions, giving the most accurate interface pressure measurements.

CONFORMat Software

All Tekscan software works with current Windows based operating systems. To view the complete computer requirements, visit: www.tekscan.com/computer-requirements.

1 - Pipkin & Sprigle (2008) Effect of Model Design, Cushion Construction, and Interface Pressure Mats on Interface Pressure and Immersion. JRRD, Vol. 45, No. 6, pp. 875–882.
2 - "Strategies for Preventing Pressure Ulcers", The Joint Commission Perspectives on Patient Safety, Volume 8, Number 1, January 2008, pp. 5-7.

Tekscan®

Call Today for a Demonstration!

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