



Pressure mapping for wheelchair improvement

pliance® key benefits for R&D:

- rely on absolute & repeatable technology for static and dynamic pressure distribution measurement on wheelchairs
- get dynamic quantification of the seated localized pressure locations of patients with 3 easy steps
- receive assistance in the selection of the appropriate cushions and correct adjustments of the wheelchair to fit the individual patient

pliance®

for wheelchair development

Use pliance® to provide **dynamic quantification** of the **seated localized pressure** locations of a wheelchair user.

Map pressure locations with an elastic, precise measuring mat, that allows high conformability to **3D-deformed, soft objects.**



pliance® application package



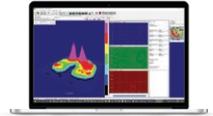
flexible and elastic
measuring mat



calibration
device



multi-channel
analyzer

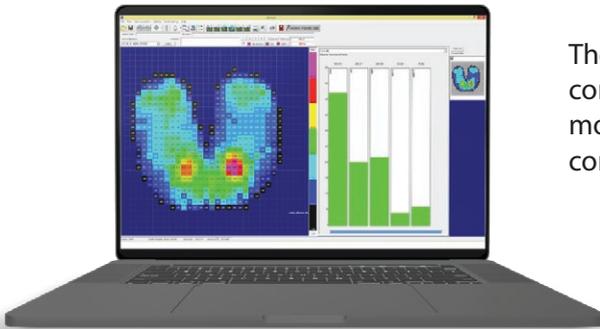


Software
package

The system consists of a not only flexible but also elastic measuring mat, a multi-channel analyzer, a calibration device and a software package.

pliance® software features

Using novel medical scientific software the expert is able to design the analytical approach to their specific needs and to collect the relevant data.



The pliance® software allows continuous data storage in real-time mode and data handling with a configurable SQL database.



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