

The pedar-pda system functions with a handheld personal digital assistant (called PDA or Pocket PC). Compatible with various PDA's to provide extreme mobility, the pedar-pda software operates as a MS-Pocket PC 2002 application. pedar-pda data collection and presentation is performed with the handheld. Additional functions such as sensor calibration and data analysis are completed on a PC.



Maximum Pressure Picture on a PDA screen

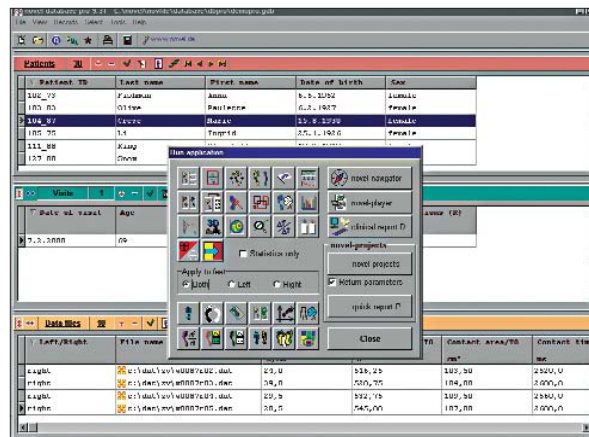
When the handheld is connected to the pedar, the handheld controls the pedar system.

After measurement, the dynamic roll-over process as well as the individual pressure values of each sensor can be viewed on the PDA screen.

During the last year novel developed many new software packages. For the first time it is possible to start all novel systems from databases and structure the data analysis to the needs of the users application. Data exchange with other users is now possible via internet using html protocols.

The novel database programs were designed to manage and analyse patient, measurement and multimedia data in an easy and user-friendly way. The databases support access to all novel programs and allow complex searches of the data. The final report is presented as a printout or HTML file.

novel projects allows the user to define clinical and analysis parameters for various problem orientated projects and to define an HTML (Internet) report of the structured project results. This program works as a stand alone module or linked with novel database pro.



User definable database

hightech news

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new homepage

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Those who are also interested in art will find some interesting news and links to other homepages. Your comments are very much appreciated. Please respond to novel@novel.de



high-speed emed



emed-hs system

The new emed-hs system represents state of the art in pressure distribution measurement technology. The platform size (50 cm x 30 cm), high local resolution (4/cm sensors per sqcm) and high scanning speed (100/400 Hz) together with the well-known accuracy of all novel systems, it represents an unbeaten champion in pressure distribution measurement.

high-speed pedar

The new pedar-x system is faster and lighter. It not only contains a 8 MB built-in memory for internal data storage, but can also work with bluetooth® telemetry or Pocket PCs. The USB interface allows connection to all new notebook computers.

With a scanning speed of 20,000 sensors per second the pedar-x can analyse dynamic double insole measurements with a frame rate of 100 Hz.



bluetooth® telemetry

All pedar systems now work with bluetooth® telemetry systems. This allows the user to monitor the subject online during all kinds of tests. A perfect tool for teaching patients. bluetooth® is the new international standard for wireless communication.

