

Patient ID	Date of Birth	Last name	First name	Religion	Sex
01_70	24.1.1970	Larsen	Christian	English	Female
02_71	30.9.2070	Bergan	Olav	English	Female
03_72	11.10.1972	Bjornsen	Olav	English	Female
04_73	23.3.2073	Thorsen	Olav	English	Female
05_74	27.2.1970	Wike	Thomas	English	Female
06_75	3.3.2073	Stue	John	English	Female
07_76	10.5.1974	John	Larsen	English	Female
08_77	24.2.2073	Van	Paul	English	Female
09_78	16.10.1975	Bjorn	Christian	English	Female

Pre-defined database for diabetes

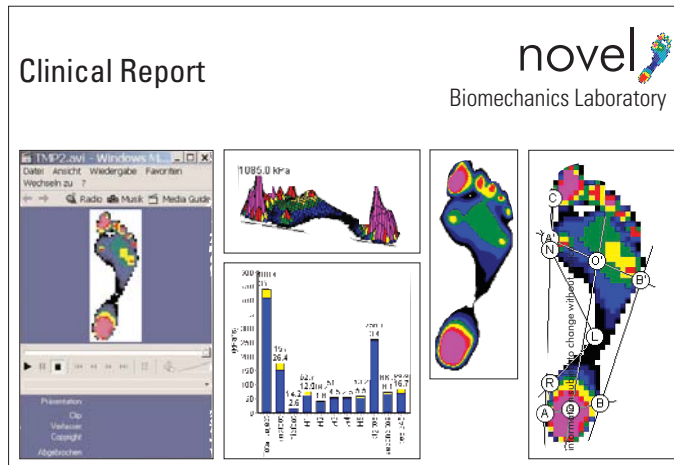


novel db-diabetes database consists of various tables such as patient data, emed and pedar data files, and additional files.

This database was created for use with diabetic patients and its design was guided by a diabetic questionnaire developed by experienced researchers and clinicians.

Features:

- automatic foot masks
- automatic calculation and storage of basic predefined parameters
- import/export of ASCII files
- standard HTML reports generated
- integrates emed, pedar and multimedia data
- complex database search (any combination of data fields can be searched for by specifying conditional requests)
- integrates all novel software



Generated report from novel projects software

The above picture shows a generated HTML custom report output from the novel projects design software. The report includes a custom logo, patient information, 3D and 2D pressure pictures, bar graphs (with standard deviations) representing several parameters and a chart with information on additional parameters. All parameters displayed and the layout of how the parameters are displayed can be changed and saved as a project for future use with other data files. The above HTML report is saved and can be shared via intra- or internet.

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emed®, pedar®, pedograph®, pliance® and the Logo (colored foot)
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project design_eng_19.04.2002_cindlee



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Introduction

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 novel db-light database manages basic data and pressure parameters. novel db-diabetes is designed for diabetic foot research and includes various predefined fields and parameters in this area. In combination with the databases, novel projects allows the user to create custom reports of the data in the database. The user defines the parameters to be included in the report structure. The final report is presented as a printout or HTML file.

novel db-light

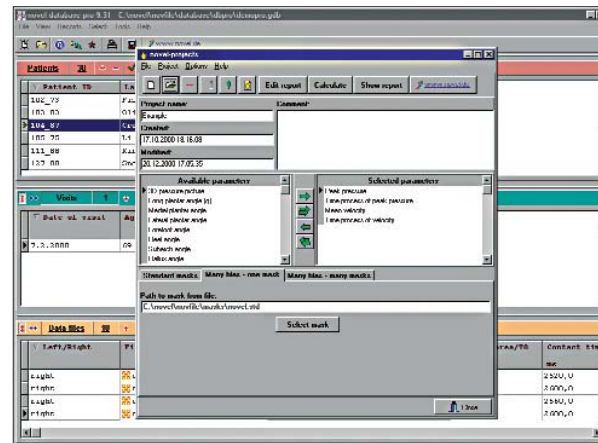


The light version of the novel databases consists of tables such as basic patient data and emed, pedar and pliance data files.

Features:

- simple database for patients
- automatic calculation and storage of basic parameters (maximum force, area of maximum pressure picture, peak pressure)
- access to novel software
- access to emed, pedar and pliance systems
- import/export of ASCII files
- import of BDT ASCII Files
- import of German Health Card files

novel projects



Project design software

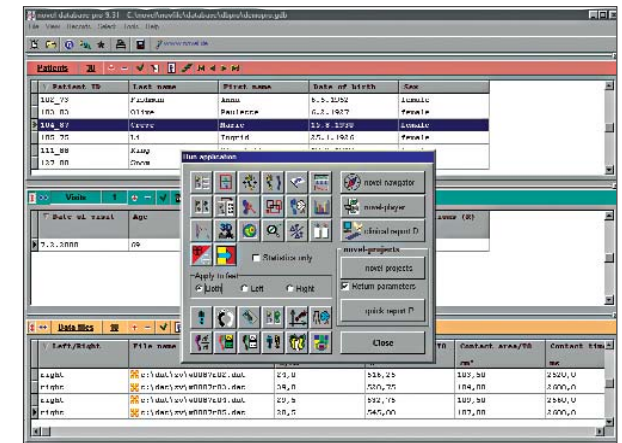


novel projects allows the user to define clinical and analysis parameters for various problem orientated projects and to define an HTML (Internet) report of the structured project results. This program works as a stand alone module or linked with novel database pro.

Features:

- user defined analysis of data
- automatic or user defined masks
- user defined projects (report structure)
- calculates many definable parameters
- automatic analysis of subsequent studies via applying previously defined projects
- links with novel database pro
- automatic update of report results to the database
- custom logo possible at top of report

novel database pro



User definable database



novel database pro consists of various tables such as patients data, emed, pedar, and pliance data files, additional files, and calculated parameters with basic statistics.

Features:

- flexible structure: allows creation of user defined fields
- automatic calculation and storage of basic predefined (in novel projects) parameters
- combined with novel projects, sophisticated analysis and report generation is enhanced
- integrates emed, pedar, pliance and multimedia data
- complex database search ; a combination of data fields can be searched for by specifying conditional requests
- integrates all novel software packages
- initialises emed, pedar and pliance systems
- import/export of ASCII files