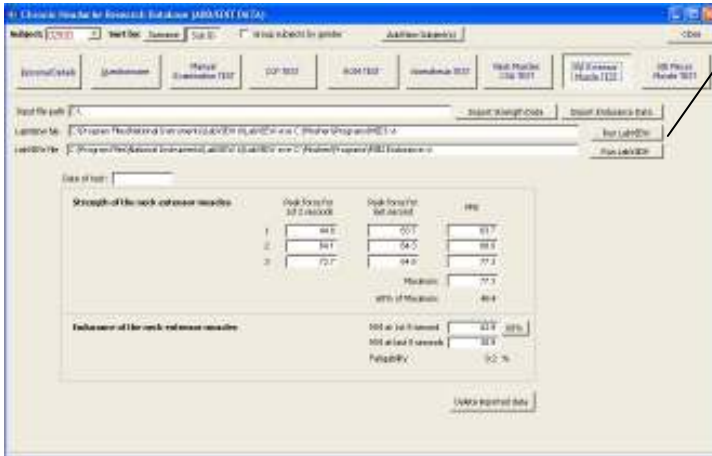


Penfold Data Solutions - Client Database Example

A Comparison of function of the neck muscles in persons with and without chronic headache

Investigators: Mr Moshen Amiri, Assoc Prof Gwendolen Jull, Dr Joanne Bullock-Saxton
Department of Physiotherapy, The University of Queensland



Neck muscle strength and endurance data are collected using National Instrument's LabVIEW software.

The database provides a button to load LabVIEW with the correct configuration. On returning to the database the data that have just been collected can be uploaded and processed with the click of another button.



A trial expert system analyses subject headache questionnaires and attempts to determine the type of headache.

This screen provides the investigators with visual feedback on how the system has arrived at its classification.

One or more datasets can be exported at the click of a button.

Data are exported to files in Microsoft Excel format (for importing into SPSS).



The investigators can fine tune the export process by selecting which records should be written to file.

Results can be previewed before exporting.

The database features illustrated here are provided as examples only. They do not show the full range of features that your database or software could include. To discuss your requirements, and how we can build a system that helps you achieve your research goals, please contact Penfold Data Solutions.



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