

Academic Packs

ALL-IN-ONE SOFTWARE SOLUTIONS

With the Academic Packs, NOTOCORD® offers all-in-one software solutions for Life Sciences academic research.

SOFTWARE PACKAGES

The **Academic Packs** consist of sets of software modules designed for the analysis of cardiovascular, respiratory, electrophysiology and neurological signals.

The General Pack contains the heart of the system, **NOTOCORD-hem™ Evolution**, a powerful software platform for data acquisition, analysis and display.

A MODULAR SYSTEM

The General Pack is the working basis on which are integrated Academic Packs, of your choice, containing the modules necessary to the signal analysis:

CardioPack

RespiPack

NeuroPack

ePhysioPack

General Pack

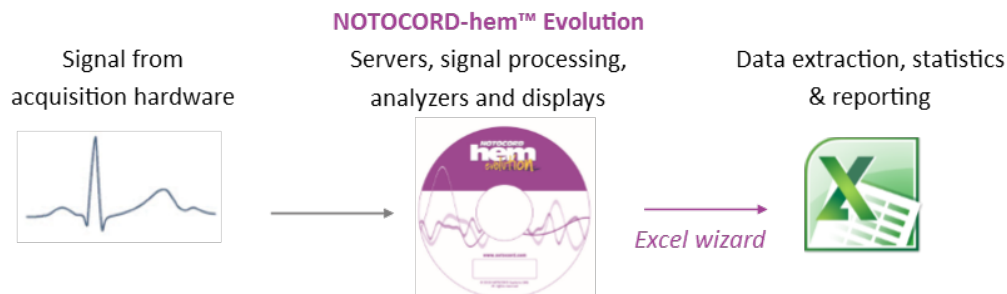
KEY FEATURES

- All-in-one complete software packs
- Compatibility with the main hardware providers
- Fast configuration for data acquisition and analysis
- Data storage in one single file
- Real-time display
- Interactive review during acquisition
- High data compression
- Large file opening within seconds
- Fast reporting process into Microsoft Excel®

- **General Pack** Software platform, acquisition servers, filters, signal processing and displays
- **CardioPack** ECG, QT, arterial flow and blood pressure, ventricular pressure
- **RespiPack** Respiratory rate and volume, resistance, plethysmography
- **NeuroPack** EEG, EMG, threshold detection
- **ePhysioPack** Action potentials, contractility, isolated organs

EASY SIGNAL ANALYSIS WITH NOTOCORD-HEM™ EVOLUTION

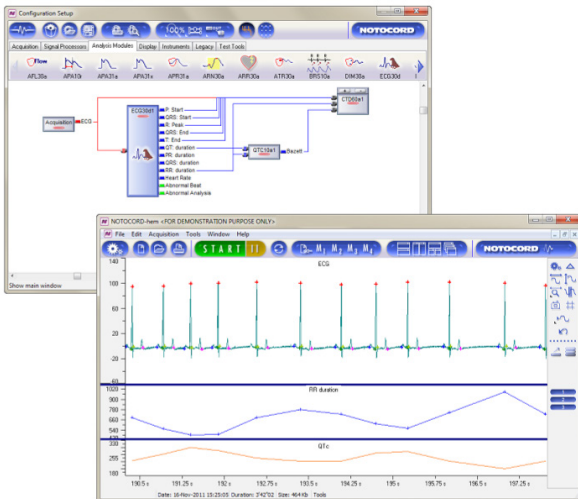
NOTOCORD-hem™ Evolution is compatible with many acquisition systems (Corscience, DSI™, ITS, WPI, etc.) and with Microsoft Excel® via the Excel wizard, a specific tool designed by NOTOCORD® to extract data and generate reports in Excel®.



FROM CONFIGURATION TO ANALYSIS

NOTOCORD-hem™ Evolution interface includes the configuration window, dedicated to the analysis setup, and the main window containing the control panels and all elements necessary to signal display.

The configuration relies on modules connected together to form a chain of events: signal acquisition, processing, analysis and display.



Configuration window (top) and Display window (bottom)

Each module has its own properties window for a truly customized analysis.

The type of display varies according to the module and to the user-defined parameters.

Signals remain visible throughout acquisition and analysis.

The results of data analysis can be recalculated at any time after acquisition by simply changing the settings in the properties windows of modules of interest.

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