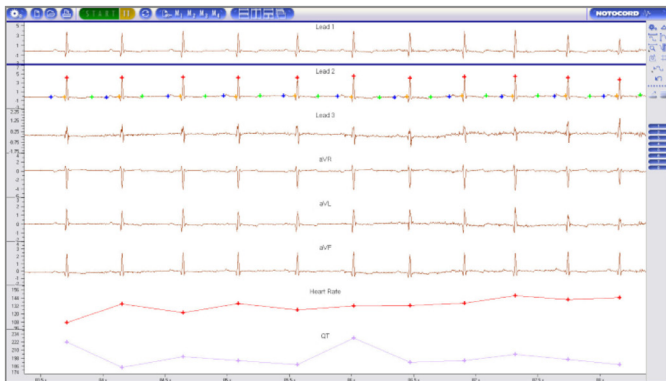


Non-invasive Telemetry



SOLUTIONS FOR LIFE SCIENCE RESEARCH



Dog ECG analysis from signals acquired with Corscience device

KEY FEATURES

- Dedicated acquisition servers for major telemetry hardware manufacturers
- Multi-lead ECG acquisition and analysis
- Online / offline analysis
- Recording display during signal acquisition
- Data extraction in Microsoft Excel®
- Fast opening of large data files
- Unique software platform for all experimental setups

IDEAL SOLUTIONS FOR IDEAL CONDITIONS

Non-invasive telemetry experiments offer **quality** and time-saving analysis conditions for cardiovascular, respiratory and activity data in toxicology studies: freely moving animals, no surgery, low stress levels, long recordings and simultaneous acquisitions.

Benefit from all the NOTOCORD-hem™ Evolution **advantages** for your telemetry experiments. All modules & applications are available for a **thorough** analysis and an easy comparison with other experimental conditions.

For your convenience, ECG30x, our specific ECG analyzers for dogs, guinea-pigs and primates have been **validated for telemetric signals** on unrestrained and conscious animals. Combined with our respiratory and video solutions, NOTOCORD® offers a complete and **flexible** package suited to your toxicology studies.

HARDWARE COMPATIBILITY

NOTOCORD®'s dedicated acquisition servers are designed to be **compatible** with amplifiers or devices from the main telemetry hardware manufacturers.

The acquisition servers **CSW10a/b** can record data from up to 7/14 **Corscience** BT3/6 systems simultaneously. Compact, low-cost, and battery powered, BT3/6 ensures continuous ECG measurements and **wireless** data transmission during non-invasive telemetry experiments.

Data acquired with **DSI JET™** can be analyzed in NOTOCORD-hem™ thanks to an application **converting** Ponemah data files (RAW) into NOTOCORD® files (NSS). An alternate solution is currently under study to provide a fast and easy connection between the two systems.

LARGE DATA FILES AVAILABLE WITHOUT DELAY

Telemetry is widely used in research laboratories to **remotely** record signals from conscious and freely moving animals. Data collected over **long periods** of time reflect accurately the physiological changes occurring in the course of an experiment.

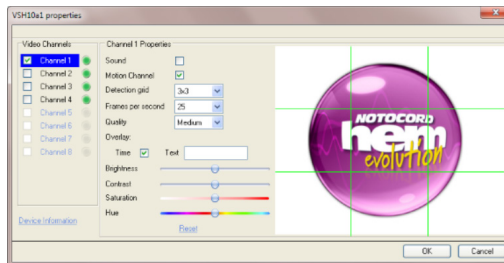
Continuous recordings also generate **large volumes** of data requiring powerful software solutions for quality analysis. The **high compression** rate and storage capacity of NOTOCORD-hem™ guarantee **ultra fast access** to any period of the signal whatever the experiment file size. All data is included in a single file that can store more than 10 GB.

MODULAR SYSTEM FOR MAXIMUM FLEXIBILITY

All NOTOCORD-hem™ modules and applications are suitable for telemetry acquired signals.

Video acquisition is **synchronized** with other analog signals for behavior monitoring and activity index. The Video Remover application is available to delete useless video sequences for light-weight archiving.

Combining cardiovascular, respiratory and video solutions, NOTOCORD-hem™ offers a complete and **flexible package** for telemetry experiments.



Grid on video acquisition for motion detection

+ Related products

CSW10x	Corscience BT3/6 acquisition server for up to 7 or 14 devices
ECG30x	Series of electrocardiogram analyzers
MON10a	Remote monitoring of video data streams
RSP30a	Restraint animal respiration analyzer
VME10e/v	Edition and validation of ECG analysis / with synchronized video
VS10a	Video stream broadcaster for remote monitoring
VSH10a/b	4-/8- channel video acquisition server
Video Remover	Removal of video for fast and light-weight archiving

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Working in a GLP environment?

21 CFR Part 11 compliance is achieved via our AccessManager security application, activating a highly secure and compliant Audit Trail.



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