



Level Trend Comparison Software for optimizing Multimodal Monitoring

The modern intensive care unit presents a formidable challenge to the intensivist.

Decisions about treatment and interventions have to be based upon information from an ever increasing number of recording instruments, imaging systems and direct clinical observations.

Computer based administrative software offers a wealth of information but is by nature not intended for minute by minute graphic presentation of trends and comparisons between all available data.

ICUpilot SQL is a unique analytic software intended as an offline tool for advanced interpretation of data collected from existing SQL-based systems in the ICU. The unique interface of the ICUpilot SQL offers clinicians and researchers opportunities to analyze retrieved offline data from various monitoring sources around the patient. The retrieved data can be viewed and interpreted in any combination, offering the opportunity to reveal the individual effects of various therapeutic interventions.

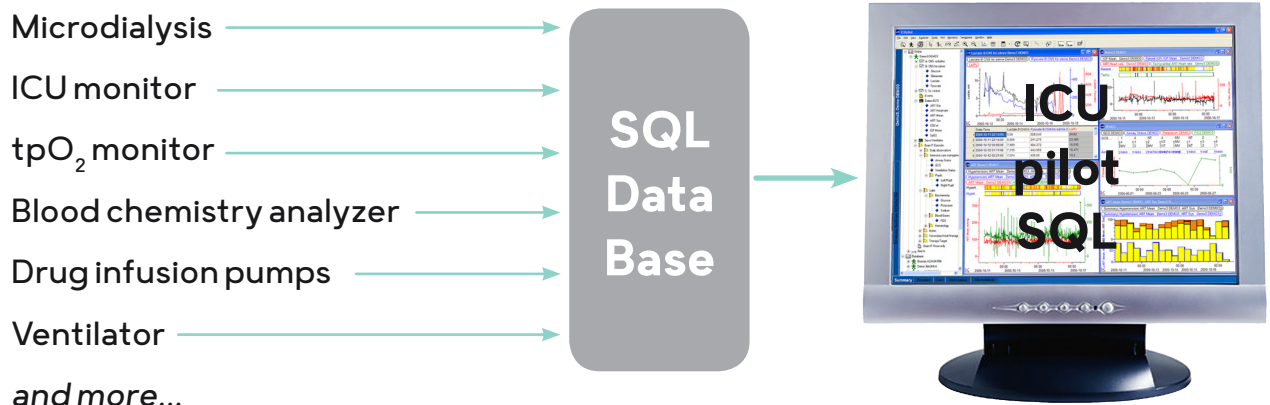
Key features:

Monitor, near real-time, the gradual changes in physical and chemical parameters. Ease-of-use with predefined settings and identified adverse events.

Analyze, Compare and **Navigate** your multimodal data. Full access to data retrieved from existing SQL-based data acquisition systems.

Support advanced clinical research and provide breakthrough conclusions on how therapeutic interventions and different variables affect patient outcome

Act on the effects of therapeutic interventions and guide therapy based on relative changes and statistics of different variables.



Multimodal Monitoring with ICUpilot SQL

Instant access to multimodal information

The data is presented as trend curves and the screen is continuously updated as ICUpilot SQL retrieves data from existing SQL-based data acquisition systems.

Follow the effects of interventions

Examine the effect of changing the ventilation or administering drugs or fluids. Move to any time point during the entire period of intensive care in order to examine the effect of a previous intervention.

Monitor and analyze gradual changes in physical and chemical parameters

Analyze what effects a gradual increase in ICP, CPP or temperature has on ischemic markers.

Predefine separate windows highlighting important relationships

Create combinations of variables recorded bedside, ie information from a ventilator, infusion pumps, blood chemistry, brain chemistry, tissue gasses etc.

Drag and drop the variables you want to compare into separate windows

Examine, for example, the relationship between blood pressure and the infusion of phenylephrine by simply dropping the two variables into the same window. The variables are live and will be continuously updated.

Adverse Events for condensation of data

Choose among the pre-defined Adverse Events, eg Pyrexia and Bradychardia. Data is presented as colored trend bands. Use the Adverse Events Summary to get a summary presentation of Adverse Events.

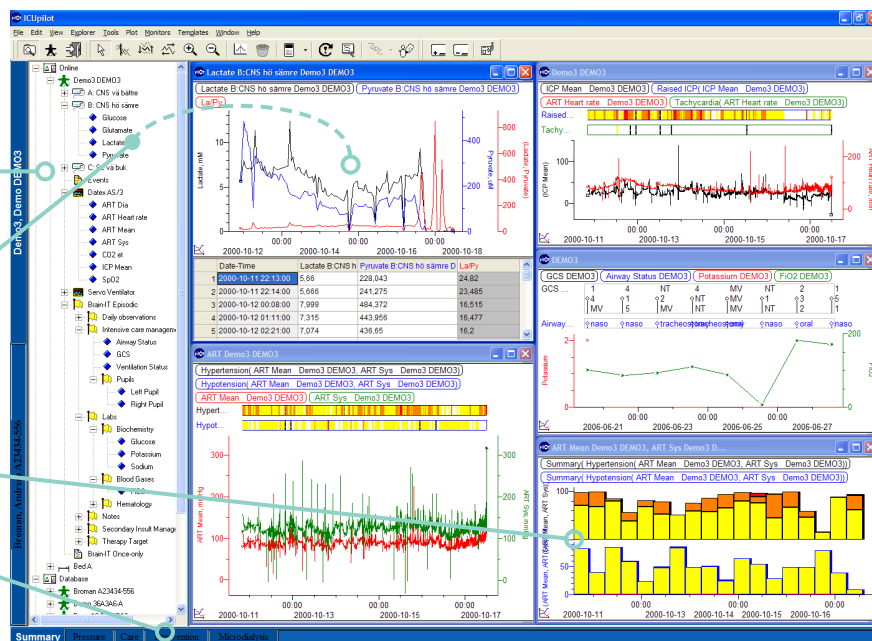
Tools for Level Trend Comparison analysis

List of recorded variables, such as Microdialysis, ICP, CPP, Ventilator, Oxygen, Infusion pumps, etc.

Drag and drop for instant presentation.

Adverse events reporting.

Individualized monitoring and templates.



μ dialysis

Manufacturing:
Hammarby Fabriksväg 43
SE-120 30 · Stockholm · Sweden
Tel: +46-8-470 10 20
E-mail: info@mdialysis.se

USA office:
73 Princeton Street
N.Chelmsford · MA 01863 · USA
Phone: +1 978 710 3296 +1-866-868-9236
E-mail: usa@mdialysis.com

www.mdialysis.com