corpuls.web

life energy

Telemetry in Emergency Care

The browser-based application **corpuls.web** enables paramedics to transfer medical data recorded with **corpuls³** from the scene in real-time to specialists in the hospital.

So the specialists gain the important and necessary information to be all set until the arrival of the patient.

The on-site consulting by a specialist and the intra-hospital preparation helps to save restricted resources and encourages the life-saving patient care. Therapy recommendations can be given without any delay and the optimal treatment of the patient will start immediately.

Highlights

- Usage of the browser-based application on every end device

- Important decrease of the „door-to-balloon"-time

- Economy of resources by in time recommendation and treatment

- Live data transmission of curves and parameters

- Display and handling of patient data and insurance information

- Presentation, analysis and transmission of the D-ECG in various formats (e.g. PDF, SCP)

Use **corpuls.web** for ...

• **Visualisation**   • **Diagnosis**   • **Editing**   • **Export**   • **Documentation**

... of collected medical data

corpuls®

corpuls.web

At the Emergency Site:

The prehospital personnel arrives on the scene and performs a first examination of the patient. To make better decisions, the medical data collected on-site with **corpuls³** are streamed to clinical specialists.

- Transmission of D-ECGs, events and patient data

- Transmission of all curves and vital parameters

The Receiving Specialist:

The specialist is able to get a first overview of the emergency situation with any end device connected to the internet in hospital or at any other location.

- Assessment and diagnosis of patient data by using the **corpuls.web** interface

- Transfer of collected data to specialists and ECG-archiving systems

The Advantages:

Important information is transmitted to the hospital even before the arrival of the patient.
Already at this point of time necessary precautions can be taken.

- Economic management of resources

- Improvement of patient care

Data transfer

Data reception

Recommendation/Therapy

Requirements for the Client

Supported Web-Browsers

- Mozilla Firefox 3
- Microsoft Internet Explorer 7
- Google Chrome 12
- Apple Safari 5

Minimum Hardware Requirements

- 1 GHz processor
- 1 GB RAM (32-Bit)
- Screen resolution min. 1280 x 800 Pixel (recommended: 1600 x 900 Pixel)

Security Safeguards

- Encryption of patient data sent to server (128 bit AES encryption)

- Separate transmission of patient- and medical data to server

- Authenticated SSL certificate for the transmission from server to client

- Automated database back-up

- Guaranteed server stability 99.5% (upgradeable)