

corpuls³: ECG live data transmission in the Romanian Emergency Medical Services

Kaufering/Bucharest, 26 June 2008 – **Under large participation of press, radio and TV, GS Elektromedizinische Geräte GmbH (GS) has presented together with the Romanian Minister of Health Eugen Nicolăescu an ideal solution for the optimisation of the emergency medical services in Romania: an ECG live data transfer via GPRS.**

Within the framework of a European tender the Romanian Ministry of Health has decided to purchase a defibrillator/patient monitoring system in year 2007. By choosing the **corpuls³** a Bavarian device (from Kaufering) has been selected, now being the standard device in the Romanian EMS.

As in the Romanian EMS almost solely non-medical staff is employed (but paramedics), it has been necessary to strike out in a new direction for the utilisation of new technologies and the improvement of patient care. The real-time live data transfer developed by GS transmits all ECG curves and vital parameter to a “centre of competence”. In this centre a physician evaluates all received data and instructs the rescue staff on the EMS spot via Tetra-radio. Only then it is possible to bridge the time gap of long transport routes and thus offer the patient an optimised life-saving treatment.

The Romanian news channel Antena3 reported live from the press conference. So TV viewers were able to watch how the first live curves and vital parameter were transferred by GPRS (TCP/IP). During the press conference the Minister of Health underlined that the Romanian EMS is outstandingly positioned for the future with this latest technology and the delivery of 800 devices of **corpuls³** until midyear 2008 and furthermore sets new standards in the telemedicine in Europe.



Picture: Live-data-transfer with **corpuls³** in Romania
(from right: Eugen Nicolăescu [Minister of Health],
Dr. Christian Klimmer [General Manager GS Elektromedizinische Geräte GmbH],
Dr. Raed Arafat [under-secretary of state Ministry of Health])

About GS/corpuls[®]

GS Elektromedizinische Geräte G. Stemple GmbH is a German company which has developed and manufactured medical devices for more than 25 years. The **corpuls[®]** defibrillators and patient monitoring systems are robust, reliable and durable devices designed for the professional. **corpuls[®]** products are used in the first aid treatment of people suffering from sudden cardiac arrest which occurs in a variety of situations across daily lives. Performance in a tough environment and many satisfied customers are the best proof of success. To achieve this GS continually evaluate the latest scientific findings in clinical and prehospital settings and peer reviewed medical publications to help GS in the design and production of state-of-the-art products. This is combined with input from EMS professionals and the knowledge of the best in ergonomics and economics to produce high quality devices.

Always being ahead of the main-stream in product design and listening to their customers needs has made GS successful. This has helped GS to prosper in a very competitive market. GS are continuing to preserve this heritage in the future, and look forward to developing better life saving and support techniques and solutions for people dedicated to saving lives.

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