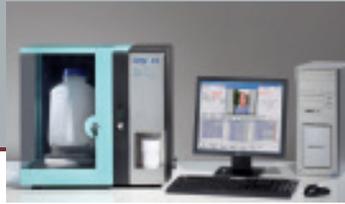


MeDoSys BASIC SOFTWARE



PARTNER



Supporting Methadone Substitution Programmes

in selected Asian countries through Public Private Partnerships

Following a four years development period, the software MeDoSys is operational in Nepal since April 2009. This specific software solution was developed by CompWare Medical, Germany in cooperation with an Indian company, Nagarro and is specially tailored for the requirements of South and South East Asian countries.

The European version has already been in use for more than 15 years, covering at present more than 20,000 patients on a daily basis in Germany and other European countries. MeDoSys is applied within the framework of OST as a documentation and dispensing software for methadone and buprenorphine. The software solution has a modular design and can be extended according to the individual country's requirements.

The basic module includes the documentation of the substitution treatment regimes, substitution medications and stock handling. The daily reports record the precise usage and the current stock.

Add-on modules such as "medical and psychosocial documentation" or "networking of substitution facilities" are available. An automatic dispenser for liquid methadone can be connected to the basic software.

The basic software is offered to national programmes for a one-time nominal charge. The service concept includes the training of local service staff. Software maintenance and a 2nd-level hotline are guaranteed.

GTZ

As an international cooperation enterprise for sustainable development with worldwide operations, the federally-owned GTZ supports the German government by achieving its development policy objectives. It provides viable forward-looking solutions for political, economical, ecological and social development in a globalised world. Working under difficult conditions, GTZ promotes complex reforms and changes processes. Its corporate objective is to improve people's living conditions on a sustainable basis.

Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH

Ms. Patricia Kramarz
Reichpietschufer 20
10785 Berlin

T.: +49 30 726 14 300
M: +49 151 14291374
E-mail: patricia.kramarz@gtz.de
Internet: www.gtz.de

CompWare Medical

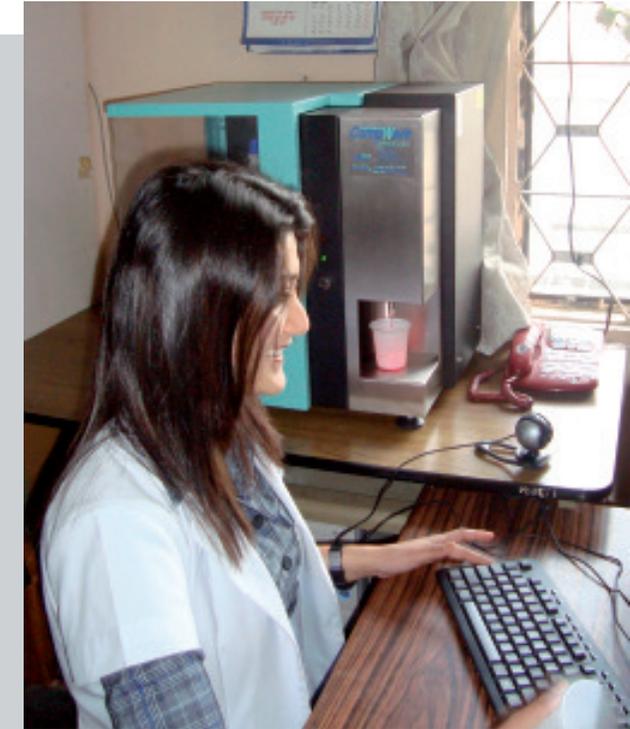
The German company, established in 1986, is a pioneering and leading manufacturer of medical devices for intelligent solutions in substance abuse treatment.

The specific expertise of the company focuses on safe handling of narcotics, and management of outpatient-clinics and substitution therapy in prisons. The products are based on IT-solutions for methadone/buprenorphine documentation and dispensing as well as management of concomitant diseases like HIV/AIDS, hepatitis C and tuberculosis. The IT-based documentation and dispensing systems have been applied successfully for 20 years in various countries.

CompWare Medical GmbH Germany

Mr. Gerd Meyer-Philippi
Robert-Bunsen-Str. 4
D-64579 Gernsheim

T: +49 (0) 6258 / 9492 -0
E-mail: gmp@compwaremedical.de
Internet: www.compwaremedical.com



BACKGROUND



CONCEPT



COUNTRY EXAMPLE NEPAL



More than half of the 16 million intravenous drug users in the world are living in South and South East Asia. The prevalence of HIV, hepatitis and tuberculosis among them is alarming. Many governments and international organisations have therefore started to establish substitution programmes. With increasing size and complexity of the programmes, new challenges have to be addressed:

- Substitution medications have to be recorded for each patient
- Patients must be sure to receive the correct dosage
- Diversion of substitution medications must be prevented
- The stock supplies must be verifiable at any time.

These outcomes cannot be reliably guaranteed with conventional written recordings and manual methadone pumps.



Tribhuvan University Teaching Hospital MMTP site 03/2009

The Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ, German Technical Cooperation) GmbH and the German company CompWare Medical are working together in selected South and South East Asian countries within the framework of the Public Private Partnership (PPP) project "Comprehensive Methadone Substitution Treatment".

The PPP project is supporting the implementation and scaling up of national substitution programmes with reliable and user-friendly technology, capacity building and technical advisory services.

The project complements the tasks of national and international organisations and supports the work of clinics and non-governmental organisations in order to enhance quality, coverage, safety and cost effectiveness of national methadone substitution programmes.

The PPP approach

Introduced in 1999 by the German Federal Ministry for Economic Cooperation and Development (BMZ), the Public Private Partnership programme (PPP) is implemented by the Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH.

Private-sector and public actors use these partnerships for development to carry out joint projects offering development-policy and economic benefits in partner countries. The stakeholders shoulder an equal share of the responsibility, costs and risks involved, thus combining their individual strengths and helping to promote development in the partner countries.

The activities in Nepal support the scaling up of the national Methadone Maintenance Treatment Programme (MMTP). The project also assists the implementation of a comprehensive treatment approach.

Since April 2009, the first software-controlled methadone dispensing system in Asia is in operation in Kathmandu, covering 150 patients on a daily basis. The medical team of the Tribhuvan University, Teaching Hospital, MMT clinic, has been trained in the use of the MeDoSys system, maintenance, service and repair work. The system has been adapted to the needs and requirements of the MMTP. A German medical doctor with almost 20 years of experience in Opioid Substitution Therapy (OST) supports the team and offers need-based trainings in different areas of OST. The midterm goal is to provide all MMTP sites in Nepal with this technology, hand in hand with intensive training and guidance.



Training in TUTH Kathmandu