



NEWSPAPER

INTERPHARMMEDICA

SPECIAL

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WORLD FORUM AND EXHIBITION

«MEDICA 2009»



The Moscow Chamber of Commerce and Industry has been the permanent organizer of a joint exposition of Moscow enterprises at the International exhibition "MEDICA" since 2003.

During this time about 100 Moscow organizations have taken part in "MEDICA". The key attractive feature of the exhibition for Moscow participants is the creation of favorable conditions for the demonstration of medical devices, methods of treatment and diagnostics. The majority of participants of Moscow exposition of the previous years have found partners, established business contacts and now maintain mutually beneficial cooperation.

A large part of new medical devices and methods of diagnostics are created by small enterprises. Therefore small enterprises constitute the basis of the Moscow exposition. It is also necessary to point out that a lot of enterprises from Moscow and other regions of Russian Federation participate in this exhibition on their own.

The collective exposition of Moscow small enterprises is organized under the auspices of the Moscow City Department for small and medium business support and development Department which actively helps small enterprises to present their products and services at International exhibitions.

The exhibition "MEDICA" is very popular with medical organizations because it allows not only to demonstrate new developments, methods of diagnostics and treatment, but also to become acquainted with new trends in medicine.

In 2009 the Moscow exposition is represented by a wide spectrum of scientific medical organizations, where at one stand you can find innovative developments of practically all sections of the exhibition. All the displays are unique developments of Russian scientists.

Our German colleagues traditionally pay great attention to the exposition of the Moscow enterprises. This is due to the developed long-term ties between Moscow and German scientists.

The equipment and medical devices, created by Russian health professionals, have found application in medical clinics of Germany and other EU countries.

Moscow participants of the exposition do not only demonstrate the latest developments, but also offer medical clinics to take advantage of Moscow rehabilitation centers where unique conditions for effective rehabilitation of health are created.

The Moscow Chamber of Commerce and Industry hopes that all specialists visiting Moscow exposition will find their partners.



Sergey KUZMIN,
Candidate of Economical Sciences,
Director of the Department for International and Interregional Cooperation of Moscow Chamber of Commerce and Industry

MOSCOW PAVILION IN DUSSELDORF



NVX is a computer electroencephalograph for clinics. Basic characteristics:

- 48 DC channels EEG
- 4 DC auxiliary channels for sensors
- ADC 24 bit, sigma-delta modulation synchronously for all channels, digital filtration and decimation.
- sampling rate up to 50 kHz,
- input range ± 410 mV
- noise level, less 1 μ V p-p
- EEG, EOG, ECG, EMG acquisition
- spectral mapping, spectral-correlation analysis, coherence, wavelet
- evoked potentials analysis
- Export data and results in MS Excel, integration with MATLAB

The HeartVue system is an advanced screening technology for early, non-invasive screening of heart disease. The technology uses only 4 limb wires from the patient's wrists and ankles. Patients are easily tested sitting up, fully clothed.

The device incorporates proprietary software that converts the electric activity of the cardiac tissue into a 3 dimensional, color-coded visual portrait, which makes it easier for physicians to interpret.

HeartVue's device allows testers to observe the condition of the heart

muscle as well as the intensity of the heart stress load. The system immediately provides a portrait of the patient's heart and an electrocardiogram, the mainstay in the screening of acute and chronic heart disease.

The HeartVue System will prove to be an invaluable screening tool for cardiologists, general practitioners, physicians, clinics, hospitals, the fitness industry, sports teams and emergency facilities.

KARDIVAR is a computer system for stress level evaluation by a Heart Rate Variability (HRV) analysis utilize up to 6 standard ECG leads.

The HRV is an indicator of the neuro-vegetative activity and the autonomous functions of the heart. It describes the heart's ability, the time interval from heartbeat to heartbeat (RR - Interval) changing continuously, so one can adjust the inner and outer stress and strains. This ability of heart's adjustment is based on the optimal interaction of sympathetic and parasympathetic nervous systems. In KARDIVAR during the 5 minute measurement the Heart Rate Variability will be determined, four demonstrative graphics will show, whether the nervous system is in homeostasis or a deregulation (ex: Stress until burn out) exists. A traffic light system

shows the evaluation clearly arranged and apply the mitochondrial complex agent.

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Nowadays CJSC (Closed joint stock company) Scientific Production

Centre Elfa provides:

- Registration, production and marketing of medicines
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- Supplying hospitals with medical hardware, equipment and consumable materials

Company has great experience of cooperation with health services of Moscow and regions, pharmaceutical companies, public and humanitarian funds.

CJSC Scientific Production Centre Elfa has Moscow office (3.000 sq. m) and a first-class warehouse (3.000 sq. m) in the ownership. Nowadays our team amounts to 70 well-qualified employees.

We invite business partners for further cooperation.

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R-Optics is a company which specializes in the rendering of R&D services and marketing support to RUMEX Instru-

ment (a domestic manufacturer of instruments) for the export business realization.

Today, thanks to the work of R-Optics in the sphere of R&D services and marketing, medical instruments of RUMEX are on sale in more than 40 countries of the world, including the USA, Japan, EU countries, etc.

In addition to the advisory business, R-Optics specializes in the sale of medical ophthalmologic equipment in the markets of Russia and Ukraine. The range of offered ophthalmologic equipment helps us to execute orders for the complex equipping of ready-to-operate ophthalmologic hospital departments, excimer clinics and contact lens vision correction rooms.

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"Systems of visual diagnosis" - the direction of the company. We develop, manufacture and sell advanced medical equipment for common health diagnostics: Dianel® and Diagraph DOT, apparatus Biolaz-Oberon®, and medical software Dianel® different kinds.

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MOSCOW PAVILION IN DUSSELDORF

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The First Specialized Medical Supermarket "GLOBALMEDMARKET" occupies a building with the total area of 5500 sq.m. The show-room is 1500 sq.m. In our show-room we present optimum decisions and products for medical institutions and laboratories in all price segments.

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The "Ogonek" rehabilitation center is one of the leading Russian medical institutions in rehabilitation of neurological patients having a locomotor apparatus dysfunction (cerebral palsy, conditions after craniocerebral injuries and insults or brain inflammatory diseases). A complex cooperation of neurological, orthopedic, kinesiatrics and psychological services is the high spot of the rehabilitation process. The team of Ogonek researchers and physicians provide their patients with a really unique intensive rehabilitation complex effecting quite stable results. With all this available on no surgical treatment will be needed.

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DNA-Technology Company is the leading domestic developer and manufacturer of the equipment and reagents for performing polymerase chain reaction (PCR) since 1993. Today the majority of PCR diagnostic laboratories in Russia are equipped with thermocyclers (the key-instruments) made by DNA-Technology.

The company was the first to begin introducing FLASH (fluorescent amplification-based specific hybridization) method for detection of PCR products into laboratory routine studies using both a variety of kits and equipment of its own production. Today the FLASH technology has become popular both in Russia and worldwide.

DNA-Technology developed and introduced into practice one of Russia's first real-time thermocyclers. The mobile PCR-laboratory set developed by the Company is unique in its kind.

DNA-TECHNOLOGY
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www.dna-technology.ru



The Medical Centre Avicenna was organized in 1988 by the Decree of the Russian Government. This is the first Russian medical enterprise with foreign capital contribution.

The Medical Centre Avicenna incorporates 3 divisions: the outpatient clinic, production department and diagnostic laboratory.

The main activity of the Medical Centre is the scientific development and production of diagnostic test-systems based on the techniques of immunoenzymatic assays (EIA) and polymerase chain reaction (PCR). Given a global widespread of AIDS, viral hepatitis and other blood-borne infectious diseases, the Public Health system of Russian Federation gives a priority to donor blood safety by testing the donors' blood for markers of blood-borne infections using standard control panels.

Our Centre is a producer of EIA test-systems for HIV1,2, hepatitis C and reagent kits for RNA/DNA detection of various infectious agents by PCR. These kits are designed for detection of cytomegalovirus, papillomaviruses, herpes simplex viruses, helicobacter pylori, Chlamydia trachomatis, ureoplasma, trichomonas vaginalis, gonorrhoea, mycobacteria tuberculosis, hepatitis B and C, etc.

The production quality of Medical Centre Avicenna is confirmed by ISO-9002 ISO-9001 CE-Certificates.

MEDICAL CENTRE AVICENNA
Phone: +7 (495) 698-58-49,
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Company "Technosvet" has been created for development of radiofrequency and microwave systems. One of such development is the universal system "Metatom-2". The system is intended for interstitial radiofrequency ablation metastases, tumours and other biological tissues at surgical interventions. The needle electrode is inserted into a tumour under the control of the ultrasound scanner, and at passage of a high-frequency current between a needle electrode and a neutral electrode the tissue of a tumour heats up, so cells of the tumour are killed. The mode of heating is controlled by thermocouple needle.

Average time of destruction of tumours does not exceed 15 minutes, and procedure can be lead without hospitalization of the patient. The system allows to use two types of needle electrodes which can work in monopolar or bipolar regimens.

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We consider movement the most effective way of struggle with diseases, illnesses and age.

«CONMET HOLDING» has participated for more than 10 years in many large projects and state programs providing medical equipment for motional rehabilitation. Our mission is to create convenient and beautiful products for the most critical customers.

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The most important events in the field of health care, both in Russia and abroad, are covered in this newspaper. The newspaper participates in large-scale events, in trade projects on medical subjects. The major problems "Interpharmmedica" touches upon are: the accessibility of medicine for everyone, the relationships between the doctor and the patient in the world of high technologies, as well as the creation of the conditions for commercial communication and for the search of reliable companions.

The newspaper is published with the support of the Chamber of Commerce and Industry of Russian Federation is timed to exhibitions, congresses, conventions, forums and conferences. It has demonstrated high efficiency in the issues covering "Russian Medical Forum" of the years 2006 and 2007, the international exhibitions "Healthcare-2006/2007/2008", "Health Industry" 2008, 2009, etc.

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