

VMD Hospital Technology Plc.

„Venture for Medical Development”

The Company at a Glance

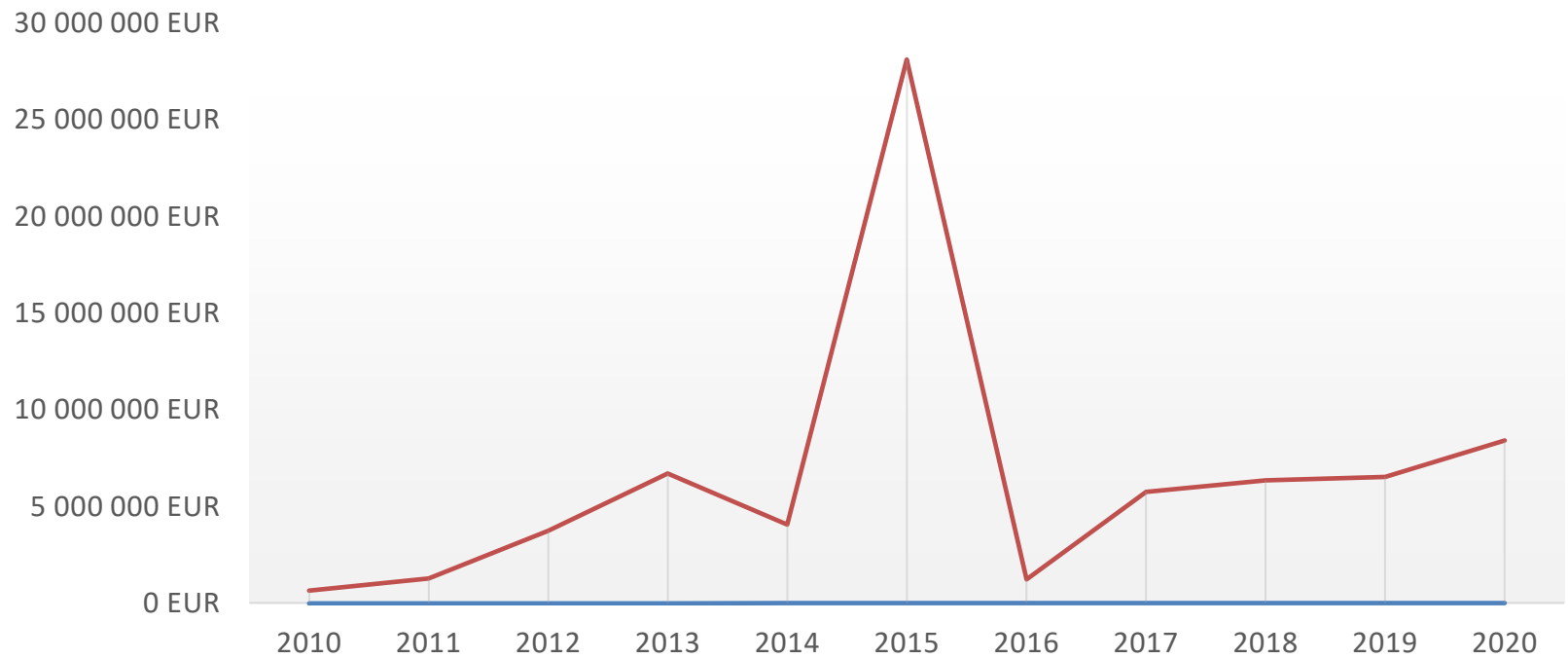
- A diversified healthcare technology company
- Dedicated to provide best available hospital technology
- www.vmd.hu

VMD Overview

- Established in 1996,
- 100% Hungarian owned,
- Certificates: ISO 9001 and ISO 14001,
- Diversified and brand independent technology company,
- Strong partnership with leading healthcare suppliers



VMD turnover



Main fields of activity

- Medical technology planning
- Complete developments, through construction, execution and operation
- Delivery and maintenance of hand- and machine instruments from surgical scalpel to digital imaging and radiotherapy equipment
- Design, construction, operation and maintenance of Faraday cages, nursing and medical gas supply systems
- Design, delivery of interior furniture from waiting room to medical and laboratory furnishings
- Finding financial resources

Our main partners



Technology installation and construction

- Execution of linear accelerators bunkers
- RF cabin construction of MRI equipment
- DSA, CT, X-ray equipment radiation protection
- Implementation of technological ventilation and other mechanical systems of hospital equipment



Health service provision

- ESWL - Extracorporeal Shock Wave Lithotripsy
- Since 2013 in the Bács-Kiskun County Hospital
- 600 patients/year
- Since 2019 in the Military Hospital in Budapest – 150 patients/year
- MODULITH SLX-F2 mobile system manufactured by STORZ MEDICAL

International projects

- Vietnam – Can Tho City
 - Can Tho City Oncology Hospital (500 bed capacity) construction project
 - Greenfield project
 - VMD cPlc. – Consortium leader
 - Official Development Assistance (ODA) project financed by Hungary
 - Budget: 56.000.000 €
 - Deadline for completion: 2023. Q4

International trading opportunities



- More than 30 years in the medical device market
- 100% Hungarian ownership
- 100% Hungarian development
- 100% Hungarian production
- ISO 13485
- CE mark (based on MDR)

International trading opportunities



CEP/DB FAST CARDIAC / METABOLIC MEASUREMENT SYSTEM

The CEP / DB measurement system can be effectively used for prevention and rehabilitation of cardiovascular, metabolic diseases like diabetes, hepatic, renal, illnesses and alcoholism. Furthermore, it can be used for detection of post-COVID syndrome which is a major problem today.

The tests can be performed at assistant level qualification. The data are automatically evaluated online and can be printed in medical report format.

The system has an independent Database Management Software to manage the primary waves and the evaluated data.



International trading opportunities



CA-12 CARDIOVASCULAR MEASUREMENT AND EVALUATION SYSTEM

The CA-12 measurement and evaluation system provides a comprehensive assessment of the cardiovascular status of the examined patient. It allows making immediate medical report, online data transfer, and evaluating more automated blood pressure values and ECG waves than usual. (HR, HRSD, RR, Pdur. PR, QRS, QT, QTcb, HRV, QT dispersion, QT variability).

Tests can also be performed at the assistant level qualification. The online automatically evaluated data can be printed in medical report format.



International trading opportunities



CAN-01 CARDIAL AUTONOMOUS NEUROPATHY SYSTEM

CAN-01 Cardiac Autonomous Neuropathic Measurement and Evaluation System identifies age-related cardiovascular changes caused by metabolic diseases.

The system measures, evaluates, stores and prints the results of the Ewing 5 cardiovascular reflex test in medical report format which is based on an intelligent technology (in any ECG electrode layout). Tests can also be performed at the assistant level qualification.



International trading opportunities



NM-01 SYSTEM FOR MEASURING THE NEUROPATHY OF THE BODY SURFACE SENSORY NERVE PATHWAYS

The NM-01 measurement and evaluation system non-invasively assesses the status of sensory nerve fibres on the surface of the body. This test provides a quantitative measure of the extent of neuropathic abnormalities in the fibres.

The current pulses emitted in 3 constant frequency ranges (5Hz, 250 Hz, 2000 Hz) selectively determine the state of each fiber. The monitoring of the condition during the measurement is supported by a comparison with the continuously displayed normal values.

Tests can be performed at the assistant level qualification. The online automatically evaluated data can be printed in medical report format.

The system has an independent Database Management Software to manage the primary waves and the evaluated data.



International trading opportunities



ES-01 TELEMETRY CARDIOVASCULAR STRESS SYSTEM WITH BLOOD PRESSURE MEASUREMENT OPTION

The ES-01 Cardiac Exercise Test System is suitable for children, adolescents (6-16 years) and adult patients.

ECG waves are displayed and stored via a Bluetooth connection.

Automatic ambulatory evaluation can be generated and printed from the stored waves at the end of the scan, and high quality ECG analysis can be performed (ECG averaged, QT, QTv, QTd).

The system is fitted with medically certified treadmills and bicycles (ERGO-FIT and LODE) to ensure the accuracy of the measurement.

Ergospirometry is provided by CORTEX's high quality system.

Blood pressure during movement is measured by a device which is specially designed by the company.



VMD

Kórházi Technológiai Zrt.

International trading opportunities



LAN-01 COMPLEX TEST SITE FOR DIAGNOSIS OF CARDIOVASCULAR METABOLISM

LAN-01 complex test workstation includes the measurement systems (CA-12, CAN-01, NM-01, ES-01) of the company.

Workstations are controlled by a high-performance server with a database manager.

The measurement and evaluation software runs on the server. Each measuring station handles the sensors and the mapped waves, only.

Tests can be performed at the assistant level qualification. The online automatically evaluated data can be printed out in medical report format.

The system has an integrated Database Management Software to manage the primary waves and the evaluated data



References

The 10 biggest project in the last 10 years

Name of the Project	Net Value
Medical Center Kecskemét – effective health system Bács-Kiskun county model” title TIOP 2.2.7/07/2F/2-2009-0004 ID number, purchase, delivery and commissioning of machine tools part, No. 7 (Radiology tools, Kecskemét)	3 523 012 EUR
Supply, installation and commissioning of medical devices and equipment according to the purchase contract part 1 of the Hungarian Defense Forces Healthcare Institute, Budapest	3 253 125 EUR
„Support for structural change through the development of outpatient and inpatient care at the University of Szeged at the Szent-Györgyi Albert Clinical Center” No. TIOP-2.2.6-12/1B-2013-0044 public procurement procedure part 3. (CT, MR, UH’s, Szeged)	3 138 709 EUR
Medical devices related to the extension and reconstruction of Petz Aladár County Educational Hospital, furniture, health informatics and communication system development, transportation, installation and commissioning. TIOP 2.2.7-07/2F/2-2009-0010 (Miskolc)	3 063 583 EUR
Completion of Part 1 of the procurement contract issued by the National Healthcare Service Center for the purchase of pathological equipment (national level)	2 280 575 EUR
Medical devices related to the extension and reconstruction of Petz Aladár County Educational Hospital, furniture, health informatics and communication system development, transportation, installation and commissioning. TIOP 2.2.7-07/2F/2-2009-0010 (Győr)	2 038 577 EUR
Development of oncology center at Petz Aladár County Educational Hospital” title TIOP-2.2.6-12/1A-2013-0004 ID number tender to carry their appliances, and provide a full service for 5 years after the warranty period No. 1. part Unified and Integrated System of Radiotherapy (Győr)	1 974 194 EUR
„Purchase CT and MR equipment, installation and commissioning, complete mechanical engineering, architectural and other professional design, complementary furniture, and IT and Patient management equipment” (Budapest)	1 931 290 EUR
„EM-628” ID number, “For DE suitable of stereotactics purchase for linear accelerator invitation tender, in detail defined quality suitable for stereotactics linear converter’s chaffer, commissioning, training (Debrecen)	1 815 806 EUR
Restructuring at Veszprém County Hospital of Csolnoky Ferenc Nonprofit Zrt” No. TIOP-2.2.4-09/1-2010-0023 to obtain a machine tool and an IT system, their delivery and commissioning, No. 4 part: Radiological package (Veszprém)	1 726 885 EUR