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## **ACENDIS Highlights**

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### COLLECTION #16

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## **MADE IN GERMANY** Success made by people





This history of ACENDIS starts in the year 1995. During the course of these past two decades, ACENDIS has successfully completed more than 200 TURNKEY PROJECTS, in over ten countries, with leading hospitals in Turkey, Near East, West Africa and neighbouring countries.

It is our prime goal to provide the healthcare sector with high-quality equipment at economic prices. Our portfolio includes intelligent, modern systems, the specifications of which meet the highest standards. We are in a position to offer state-ofthe-art equipment and finest after-sales service through our partnerships with wellknown medical companies and years of experience. We assist our clients right from the initial planning stage, carrying on right through to consulting and the supply of equipment for on-going projects - at fair prices. We also offer financial solutions. so as to achieve the required conditions during and after the sale.

We are becoming increasingly involved in the development of global projects through our special connections in the Turkish market and the Middle East. We have, for example, recently gained access to the African market, with actually three completed projects. We are also steadily expanding our activities in China, Russia and the CIS states.

"Our strength is dependent on tracking and implementing innovations in the field of medicine…"

.....

We implement joint projects in cooperation with our partners. And we are also the authorised representatives of several companies in Turkey. This collaborative work means that we are in a position to offer our clients the ACENDIS philosophy on an on-going basis: projects and state-of-the-art medical equipment at economic prices. And it is with your support that we want to visualise and implement new projects.

# **REFERENCE HOSPITALS**

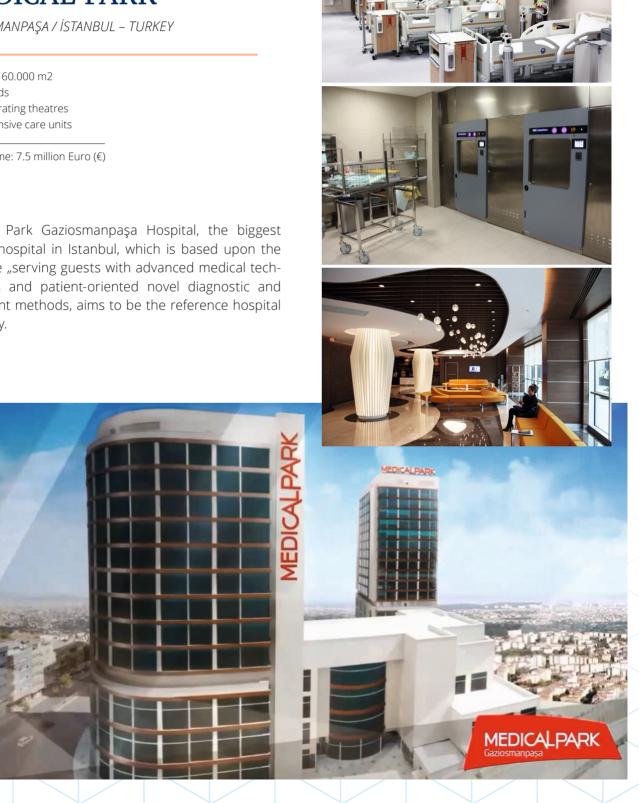
### **MEDICAL PARK**

GAZİOSMANPAŞA / İSTANBUL – TURKEY

- + Area of 60.000 m2
- + 517 beds
- + 15 operating theatres
- + 61 intensive care units

Total volume: 7.5 million Euro (€)

Medical Park Gaziosmanpaşa Hospital, the biggest private hospital in Istanbul, which is based upon the principle "serving guests with advanced medical technologies and patient-oriented novel diagnostic and treatment methods, aims to be the reference hospital of Turkey.









- + Area of 24.000 m<sup>2</sup> + 100 beds
- + 6 operating rooms
- + 10 intensive care units
- + 7 neonatal care units
- + Total volume: 20 million Euro (€)



The building of the hospital is dominated by natural materials, simplicity and serenity. It is specifically designed for patients and caregivers considering the high ceilings and the rooms filled with fully daylight. It features a garden waiting area and a cafeteria which is located in the ground floor.



# **REFERENCE HOSPITALS**



KOCAELi – TURKEY

- + Area of 48.000 m<sup>2</sup>
- + 242 beds
- + 10 operating rooms
- + 101 outpatient clinics
- + 65 intensive care units

Total volume: 7.5 million Euro (€)

VM Medical Park has developed and spread by touching life of people and obviously caring for them since it has taken the first step in this end, and finally, it became the largest group of private hospitals in Turkey.

The hospital staff aim to make you be very close to each step increasing your life quality and to each curative touch as close as to an healthy breath. They took the road in accordance with this philosophy and are hammering away. The hospital's blending advanced technology with creativeness ensures continuous innovation and is generating ideas in the light of science in order to reaching out beyond international standards in the healthcare.





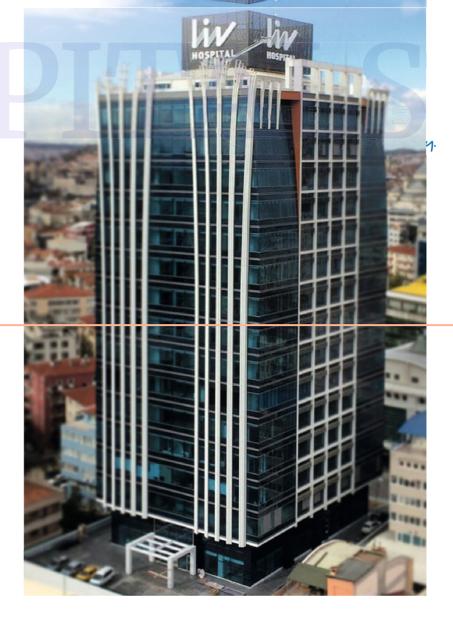
### LIV HOSPITAL

ANKARA – TURKEY



- + Area of 25.000 m<sup>2</sup>
- + "360 degree" service
- + Mulitdisciplinary approach
- + Disease prevention
- + Cancer treatment
- + Orthopedics & physical medicine
- + Rehabilitation, neurosurgery+ Latest technology

Total volume: 10 million Euro (€)



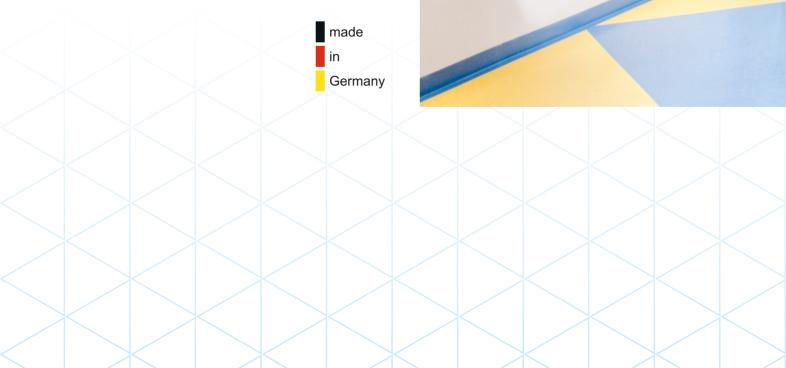
Liv Hospital is committed to combining a patient-oriented approach with highly experienced physicians using a multidisciplinary approach. Our international patients are in safe hands at Liv Hospital, where we combine the use of state of the art diagnostic and treatment procedures with traditional care and attention to each one of our patients, in their own language and sensitive to their cultural norms. Liv Hospital Ankara, equipped with world class medical infrastructure and technology, is now serving international patients in 25,000 squaremeter indoor area.



### **ACENDIS Showroom** Hannover – Germany

Secure the future of your hospital with optimised technical equipment for your operating theatres. We plan and deliver all the necessary technical equipment, up to and including the most sophisticated systems for the future. Perfect provision for the patient and well-planned operating procedures support efficiency, as well as economic work. You may rely on our experience from international TURNKEY PROJECTS.













### Elisa 800 VIT - the world's first fully integrated EIT system introduces a new chapter in intensive care ventilation

Ventilation Integrated Tomography (VIT) is the world's first fully integrated EIT system in an intensive care ventilator. The noninvasive pulmonary monitoring of the Heinen + Löwenstein elisa 800 VIT visualizes ventilation-related complications for the first time and allows direct therapy to be performed at the intensive care ventilator. As a result, ventilation becomes transparent as well as directly controllable. The introduction of this innovative technology marks a new chapter in intensive care ventilation:

- Individual lung protection under visual control and easily adjustable ventilation settings provide maximum comfort for intensive care patients
- By means of the electrical impedance tomography (EIT) technology, lung functions can be displayed instantaneously and ventilation settings adjusted extremely accurately without radiation exposure
- Identifies and prevents pulmonary collapse associated with the respiratory cycle
- Offers real-time adjustment options for optimal PEEP

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### Elisa 800 VIT is starting to be used by prominent hospitals in Germany

Recognized as one of the best hospitals in Lower Saxony, Germany, the Osnabrück Hospital has started to use the Elisa 800 VIT in its Anaesthesiology and Operative Intensive Medicine Department to great effect. Another medical centre in which Elisa 800 VIT is successfully employed is the interdisciplinary intensive care department of the Mittelbaden Rastatt Hospital in Baden-Württemberg, Germany.

### ACENDIS held the launch of the new neonatal and adult intensive care devices in Istanbul, Turkey



Education and Research Hospital gave information on the non-invasive ventilation and Yrd. Doç. Dr. Aslı Memişoğlu from Marmara University shared her experiences with the Leoni Plus HFO with the participants. Both the Leoni Plus HFO with CLAC (Closed-Loop Automatic Oxygen Control) that automates the control process for oxygen given to premature babies and the Elisa 800 VIT intensive care ventilator with new technology that provides lung function monitoring of intensive care patients and allows for direct therapy at the intensive care ventilator were also introduced at the launch. ACENDIS and the German manufacturer Heinen + Löwenstein held the launch of the new neonatal intensive care and adult intensive care units on 19th December in Istanbul. The neonatologists and the doctors in charge of the neonatal intensive care departments of many private and university hospitals in Turkey participated in the event. Jörg Marschinke, Product Manager at Heinen + Löwenstein, gave detailed information about the new devices and Dr. Stefan Bornschein explained the special applications developed for newborns. Doc.Dr. Merih Çetinkaya from Kanuni Sultan Süleyman





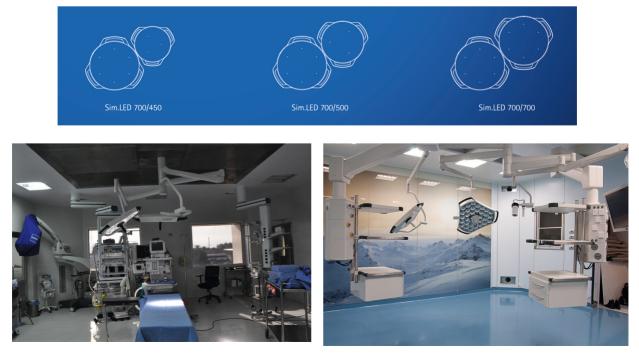


### SIMEON BusinessLine – Perfect Illumination, Unique Use Comfort



Our company, ACENDIS, has been continuing to provide new solutions for your surgery and operating rooms, together with our solution partner SIMEON in surgical and medical illumination. The patented reflector and multicolor technology in the BusinessLine series have been started to be serially produced in the last quarter of the year 2015 and brought one step forward by SIMEON.

SIMEON BusinessLine series, thanks to their functionality, flexibility, durability and modern technology, can be very comfortably used in every surgery rooms. The SIMEON BusinessLine offers limitless combinations of Sim. LED 450, Sim. LED 500 and Sim. LED 700 surgical lights in single and multicolor, with and without cameras.



Apollo Hospitals Group - India

Clinica San Martino – Malgrate / Italy

### Advantages of the New SIMEON BusinessLine Surgical Lights



The patented reflectors, minimizing shadow creation, are continued to be used also on the new surgical lights of BusinessLine series, developed by SIMEON. Thanks to the 3 LED lamps positioned at an angle of 120°, the patented reflectors provide homogenous and effective beam of light on the focused area and without causing any shadow. Kelvin heat adjustment, called as "Multicolor" technology, has been brought to the foreground more specifically in the BusinessLine series. SIMEON has and provides the largest scale in the Kelvin heat adjustment technology, comparing to its competitors.

Header control panels used on the SIMEON BusinessLine series have been designed in a way to provide maximum benefits. We have taken a giant step to meet the requirements of the end-users, with the memory key to save the adjustments special to the specific surgery operations, Kelvin adjustment key, electronical focus adjustment facility, light density adjustment, optional "synchronization" feature, which makes it possible to control also the other header from one header and the lamp of new design, which provide ambient enlightening in the endoscopic surgery operations with its "SimBiance" features.



### Number of Hospitals, preferring and using SIMEON lamps, are being increased day by day

SIMEON surgical lamps offer high flexibility thanks to their light-weight lamp headers and provide an perfect quality and eye-friendly light with unique shadow resolution feature, thanks to their modern LED technology and we are proud and pleased to hear the positive comments from our customers, using our products. SIMEON lights are being effectively used in the hospitals both in Turkey and worldwide. As reference hospitals, we can refer to the most advanced hospitals in Turkey such as the Medical Park Hospitals Group, Medicana Hospitals Group, World Eye Hospitals Group and American Hospital of the Koc University and the Apollo Hospitals Group in India and the Clinica San Martino in Italy and the SCM Cracow in Poland.







SCM Cracow – Poland



### Your Operation Room is at Your Finger Tip with the S-CAPE Smart Operating Room Integration Systems

ACENDIS and S-CAPE<sup>®</sup>, one of the German leading companies in the field of digital operating room integration systems, have been providing the smart digital operating room concept, which is a new technology in the world, to the use of our country's health sector.

S·CAPE=

digital health care technologies

The German company S-CAPE<sup>®</sup> has designed the first "in-wall" independent Medical Multiconsole in the year

of 2003 and provided to the use of the health sector and the digital operating room solutions of the German company S-CAPE<sup>®</sup> are being successfully applied and used in more than 1.000 hospitals in 50 countries, with other words, nearly in 5.000 hospitals.



### **The Central Integrated System**

It is from now on possible to use the system more effectively, more speedy and more easily, as the central integrated system includes within its structure all hardwares and softwares, which are required for a smart operating room.

Access and direct integration to the PACS and hospital data system (HDS) and laboratory data systems is achieved with the help of the HL7 protocol

in/from the operating rooms. With the help of this system, any equipment to view all of the data related to a patient is able to be positioned in a way, so that the surgeons can reach and access these devices very quickly and easily.

### Patient Data Are Being Recorded and Archived More Easily And Effectively

Recordings can be taken from all medical devices with camera functionality (including even the security cameras) inside the operating room. All of the medical data during the operation of a patient can be recorded and archived very easily, with the help of this system.

### **Flexible Solutions**

S-CAPE is able to provide very flexible solutions to the users, as the S-CAPE company has been designing and producing both of the softwares and hardwares of these systems within its own company structure.

### **Quick Access To The Recorded Data and Effective Data Management**

All of the necessary works such as management of the video recordings taken from the operations and the delivery of these video recordings to the PACS server or to a specific server and the other activities such as archiving, using these video recordings in the teleconferences and for video streaming purposes are being provided and achieved in a very effectively and quickly way.

### S-CAPE Medical Multiconsole and Computer Systems are being used in more than 1.000 hospitals in 50 countries

The digital operating room solutions, provided by the S-CAPE company, established in Germany in the year of 1991, are being successfully used in the European countries including Germany, Austria and Swiss and also in the Middle East, North Africa, Asia and Southeast Asia countries and in the leading hospitals of Turkey.

We, as ACENDIS, are happy and proud to announce that we have been providing the digital operating room solutions of S-CAPE to the totally 80 operating rooms located in the public and private hospitals in Turkey. Our customers, having initially asked



us to develop a configuration at the starter level, have now been developing their systems module by module at this moment and asking for more advanced features. Herewith, we would like to mention the following hospitals as our references: Acibadem Hospitals, Medicalpark Hospitals, Liv Hospital Ankara and Private Derindere Hospitals and the public hospitals namely Gazi University and the Dr. Sadi Konuk Training and Research Hospital.

ACENDIS has participated in the 7th "Common Solutions In The Health Meeting" organized by the Association of the Private Hospitals and Health Establishments (OHSAD)





### Smart and Innovative Designs with the Awarded Patient Beds of Wissner-Bosserhoff

Wissner-Bosserhoff group's headquarter is located in Germany and has been providing innovative and high quality patient beds and furniture solutions for the hospitals, nursing homes and other inpatient care institutes. While developing its new products, the Wissner-Bosserhoff company has been taking the latest technologies and the newest design developments into the consideration and using the most efficient and effective production and procurement processes in a customer focused manner. Our company, ACENDIS, providing the best and most proper solutions for the hospital projects, has been collaborating for long years with the Wissner-Bosserhoff company, the leading company in its field of activities, and supplying modern patient beds to the most of the advanced hospitals in Turkey.

### The Company, Wissner-Bosserhoff, has been awarded with the German Brand Award

Wissner-Bosserhoff has added a new one to its awards received. German Brand Award is an award given in field of Successful Brand Management in Germany, and this award purposes to explore, promote and award the breakthrough trademarks and the producers of these trademarks. This award has been given in the field of design for the first time in this year and the company, Wissner-Bosserhoff, became one of the companies, awarded in the field of Medical & Health.



award

The jury has appreciated the campaign nets conducted by the Wissner-Bosserhoff company, using effective corporate communications, in both directions first to gain new customers and then, to convince the existing customers about the new products

and technologies efficiently. Moreover, the company won extra points, as the company has also been using the methods such as search engine marketing to optimize the supply volume, beside the use of classic methods such as product advertisements and email sending etc. Company's activities, focused on the target population and carried out on the social media platforms such as Facebook, Twitter, Google+, YouTube, Xing etc., have accomplished these methods, together with the company's new blog: www. pflege-today.de. These efforts bring the company to the leading position in its sector.



### 3 in 1 Advantages with the Washable Patient Bed, Image 3-W

Image 3-W is a washable patient bed, providing a safe, low caring position. With the help of its smart product design, it makes easier and improves the provision of hygiene services and to fulfil the hygiene requirements, required for the daily work conditions.



Image 3-W does not only meet the AK-BWA requirements, but it is also a durable patient bed, which has been exposed to a series of comprehensive tests in the professional large wash machines of Miele brand, at the same time, and it has successfully passed these test.

- 3 stopping options
- Fifth transport wheels, located in the center
- SafeFree®: concept of the side guards
- Hotel level design



### Eleganza-2, Acute Care Patient Bed

The acute care patient bed, Eleganza-2, determines the new standards from the safety, workmanship and design aspects. It has also the feature of being the first in its field, with its innovative functions, smart details and usability in each clinic.

- Side guards maximize patient's movability
- Patient becomes able to adjust the bed's height according to his/her own needs, using the Mobi-Lift® Function button, integrated to the side guards, located at the head side of the bed
- Maximum safety with the specific features such as side guards, designed to prevent the falling down from the bed, and brake alarm and lightening feature.
- Safety state indicator
- Platform for plastic bed linen

And together with many more additional features, Eleganza-2 provides maximal usage easiness for the patients and personnel.



### **Multicare, Intensive Care Patient Bed**

Multicare beds have been specially designed for the intensive care units. It provides assistance to maintain the vital signals and lightens the workload of the health personnel assigned in the intensive care unit.

- More oxygenation with the Automatic Lateral Treatment option
- Easy and safe use with the help of the lateral tilting feature
- Increase in breathing function with the orthopnea chair feature
- i-Drive Power: Motorized patient transport
- Wide ranged comprehensive safety concept with the i-Brake and Multi Zone Bed Exit alarms
- Thanks to the Ergoframe system, it prevents the formation of bedsores
- Patient's weight is regularly being measured with the automatic weighing instrument
- Integrated X-ray and C-handle scanning
- Sanitized<sup>®</sup> hygiene technology

### Patient Beds of Wissner Bosserhoff have received Full Marks from the Advanced Hospitals in Turkey

Wissner Bosserhoff's patient beds, which we, as the company ACENDIS, supply to the health sector in Turkey, have been chosen and preferred by the advanced hospitals in Turkey, such as Liv Hospital, Avrasya Hospital, Yeditepe University Hospital, Private Koru Hospital, Private Hatem Hospital and Bahceci In-Vitro Fertilization Center. The management and personnel of the related hospitals have explained that they are very happy because of the usage comfort, hygiene and hotel level designs, provided by these patient beds. Such positive and affirmative feedbacks, received from customers, make us, as the ACEN-DIS family, very happy.

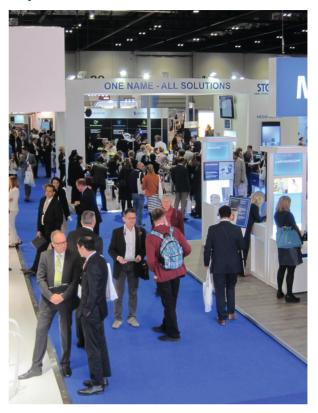
Please contact our team to obtain more details about the Wissner Bosserhof's patient beds.



### We, as ACENDIS, have participated in the Euroanaesthesia 2016, the largest anaesthesia Congress in Europe

With our new ACENDIS patient bedside monitors, we have participated in the Euroanaesthesia 2016, which is the largest congress in the field of anaesthesia in Europe. This event, held in the London city of England between the dates of May 28 and 30, 2016, had been visited by more than 6.000 visitors. In this international platform, visited by the participants from more than 80 countries, it has been focused on the anaesthesia, intensive care, pain science and emergency medicine.

We have exhibited our ACENDIS modular patient bedside monitors APM 500 PRO and ACENDIS APM-700 / 700 XL and our ACENDIS multi-parameter patient bedside monitor APM-400 at our stand in the London Exhibition Center (ExCel) and our patient bedside monitors have attracted great interest. It has been a great honor for us to introduce our new devices and beside that, we are also very happy for being able to develop new connections with the persons and companies, having visited our stand in this event.











### Next Gen Operating Table MOT6000S I from German company Medifa®



German company Medifa® has been producing operating tables for hospitals and clinics for over 30 years, and ACENDIS is extremely happy to present you, our valued customers, with their newest product - Operating Table MOT6000S I. Designed and manufactured solely in Germany, this product offers patients and users maximum comfort and hygiene due to its functional design and superior technical capabilities.



- Capacity to bear patients up to 544 kg / 1200 lb in every position
- Electric mobilisation capability (optional)
- Longitudinal sliding function of up to 400 mm on the upper table.
- Tabletop with X-ray tunnel for conventional radiography (optional)
- Electric pedestal movement (optional)
- Capability to adjust positions from either the head or foot







Jalal Ali Awad (ACENDIS) and Hatim Najjar (iDeal iDea) signing exclusive agreement

### ACENDIS has accelerated activities in Saudi Arabia with iDeal iDea

ACENDIS is now working together in Saudi Arabia with iDeal iDea, a company which has been supplying medical equipment and delivering services for hospital projects in the country with 15 years of experience. Through joint working with iDeal iDea, ACENDIS continues to expand its area of activity in the Saudi Arabian medical sector.

Saudi Arabia ranks first out of all the Middle Eastern countries which are experiencing rapid development in the health field and have a great potential for more development. The country's medical sector offers new possibilities to foreign investors every day, not only due to its national stability but also because of government programmes like the Saudi Vision 2030 and the National Transformation Programme 2020, which incorporate important developments in the medical field.

We as ACENDIS aim to inject the experience and expertise we gained from our worldwide hospital projects into new hospital projects delivered together with iDeal iDea, our new exclusive local partner for Saudi Arabia.





### **ACENDIS - Always at Your Side as a Solutions Partner**

2016 marks over 20 years of our experience in the health sector, during which we have observed the effects of technological advancement at close hand. This year, once again, we offered services best suited to meet the requirements of our customers. In the climate of steep competition that we find ourselves in, we continue to provide our clients with state-of-the-art equipment in the most cost-effective way possible.

In 2016, we delivered new projects in Turkey, the Balkans and the Middle East, while at the same time offering our expertise for refurbishment work in the hospitals we were already working with. Thanks to our local partners, we also broadened our activity area to North and West Africa and Saudi Arabia.

### **Our Hospital Projects and International Activities**

### Africa

This year, we once again kept a close watch on developments in Africa's health sector. The Acacia Medical Center and Asbury Hospital, where we delivered projects in 2015, are among the leading medical establishments providing services in the Ghana region.

In Accra, the capital of Ghana, we also set up the ACENDIS West Africa company. With this company, we aim to provide services not just for West Africa but for the entire African continent.



### Macedonia

- Filip Vtori Special Hospital
- Medica İstanbul Clinic Tetovo, Macedonia



### Middle East

- Al-Kindi Hospital Amman, Jordan (We signed the contract for the Al-Kindi Hospital Project, which is expected to go into operation in the year ahead.)
- Niyayesh Erfan Hospital Iran
- · We signed an exclusive contract with iDeal iDea in Saudi Arabia
- Turkish Hospital Qatar



### **Our Projects in Turkey**

- Özel MEDICANA Sivas Hospital Sivas
- VM Medical Park Bahçeşehir Hospital Istanbul
- Özel Biruni Üniversitesi Hospital Istanbul
- Özel M City Hospital Mersin
- VM Medical Park Gaziosmanpaşa Hospital Istanbul
- Özel Jimer Hospital Bursa (We provided services for the equipping of four new operating theatres)
- Özel MEDICANA Anne & Çoçuk Hospital Istanbul
- Özel Reyhanlı Sevgi Hospital Hatay
- Özel NIV Göz Hospital Istanbul
- VM Medical Park Samsun Hospital Samsun (We provided services for refurbishment work)
- Özel Cihanpol Hospital Mardin
- VM Medical Park Bursa Hospital Bursa (We provided services for refurbishment work)
- Özel İstanbul Beyin Hospital (Üsküdar University) Istanbul
- Özel Osmangazi ARİTMİ Hospital Bursa
- VM Medical Park Kocaeli Hospital Kocaeli
- Özel NP Hospital Istanbul
- Özel Adapazarı SAKARYA KONAK Hospital Adapazarı
- Özel DEFALİFE Hospital Gaziantep





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