



ACENDIS Highlights

Collection 2014

Foreword
by Hasan Sahin



This history of ACENDIS starts with the founding of Delta Trade Company 20 years ago. In January 2009, we changed the name of the company to ACENDIS. During the course of these past eighteen years, ACENDIS has successfully completed more than 160 TURNKEY PROJECTS with leading hospitals in Turkey and neighbouring countries.

The health care sector in Turkey has advanced greatly in recent years. Both public and private hospitals in Turkey have achieved international standards physically and technologically. Turkish doctors routinely perform very successful operations. The recent Turkish health reform has resulted in patients being afforded improved hospital services. In addition to these factors, favourable health-care pricing places Turkey in a strong position in the field of international medicine.

It is our prime goal to provide the healthcare sector both in Turkey, as well as other countries, 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-of-the-art equipment and finest after-

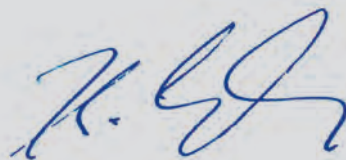
sales service through our partnerships with well-known medical companies and years of experience. We assist our clients right from the initial planning stage, carrying on right through to consulting and the supply of equipment for on-going projects – at interesting prices. We also offer financial solutions, 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 recently gained access to the Arabian and African market. 2014 we also finished first turnkey projects their.

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.

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

With kindest regards

A handwritten signature in blue ink, appearing to read "H. Şahin", written over a light blue circular background.

Hasan Şahin

Managing Director of ACENDIS





LIV Hospital Ulus / Istanbul - Turkey

Area of 30.000 m²
9 operating theatres
160 hospital beds
7 neonatal care units
7 cardiovascular care units
8 intensive care units

With more than 20 years experience, and over 160 completed projects to look back on, we not only provide in-depth knowledge of the market, but are also in a position to make competent product recommendations in related fields. We are not tied to specific brands, and are able to apply our knowledge of the strengths of specific products in the interests of our clients, regardless of the source. This gives our clients a significant edge over suppliers bound to a particular manufacturer.



Specialist fields in which our expertise is brought to bear



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.



Efficient operating theatres
for economic operating procedures in health care



 made
 in
 Germany

ACENDIS SHOWROOM
Hannover - Germany

NEWS

01/14 No 61



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ACENDIS - We make the difference as exclusive partner of Heinen + Löwenstein

Heinen + Löwenstein Neonatal- and Infant Ventilators Leoni Plus, Leoni Mobil and Leoni 2 with their groundbreaking innovations

Our primary goal is to support health institutions and health personnel helping the children who may need assistance to come into world and survive healthy. According to the information given by the World Health Organization 7.1 million perinatal deaths are realised each year and 3.5 million of these deaths occur in the first 28 days after birth and 75% are realised in the first seven days. Studies illustrate that three-quarters of all infant deaths are caused by preventable reasons, diseases and other omissions. It plays an important role for the reduction of neonatal mortality that the birth takes place in a health institution with 3. level perinatal care. Heinen + Löwenstein respirators with the superior German quality have been developed for these purposes. ACENDIS is pleased to offer these state-of-the-art medical devices to many leading hospitals in Turkey.

Leoni Plus

Leoni Plus is suitable for long-term ventilation of very small premature infants, neonates and children weighing up to 30 kg. In addition to the basic ventilation modes CPAP, IPPV/IMV, S-IPPV and SIMV, the device also features two PSV ventilation modes.

- TFT multicolour graphic touch screen, size 12"
- PSV
- VT trigger adaptation
- Frequency band ranges from 5 to 20 Hz
- Detachable touchscreen control unit
- HFO according to the membrane principle; recruitment manoeuvre by time-controlled boosting of the average pressure, adjustable I/E ratio



Leoni 2

Leoni 2 is suitable for long-term ventilation of very small premature infants, neonates and children weighting up to 30kg. In addition to the basic ventilation modes CPAP, IPPV/IMV, S-IPPV and SIMV, the device also features two PSV ventilation modes. Furthermore, the Volume Limit function can be used to restrict tidal volume delivered.

- PSV
- nCPAP
- VT trigger adaptation
- LCD graphic display
- Waves and loops
- Battery for up to 2.5 hours



Leoni Mobil

Leoni Mobil functions with the leakage compensated volume triggering system which allows a safe and smooth ventilation of extremely low birth weight infants and neonates up to 30 kg body weight.

The work of breathing is reduced by a sophisticated flow control system and an unique type of exhalation valve.



New References for ACENDIS thanks to recently concluded TURN-KEY Hospital Projects

By the end of December 2013, ACENDIS finished another two TURN-KEY Hospital Projects.

Esteworld Plastic Surgery Hospital Group again preferred to work with ACENDIS, this time for the TURN-KEY Project concerning their new investment, the Esteworld Altunizade Plastic Surgery Hospital, which will enter service soon.

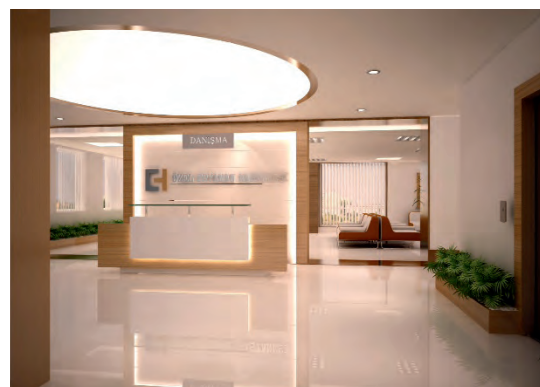


Esteworld Group, which owns the largest plastic surgery hospital in Turkey chose to equip its hospital with HEINEN + LÖWENSTEIN anaesthesia devices, SIMEON LED operating theatre lights, WISSNER-BOSSERHOFF patient beds and also devices from SCHILLER, KARISMEDICA and many other partners of ACENDIS.



The second recently concluded project of ACENDIS is the Eryaman Ankara Private Hospital, which will enter service in the next few months. The hospital with four operating theatres is equipped with HEINEN + LÖWENSTEIN anaesthesia devices, Elisa adult ventilators, Leoni 2 neonatal ventilators, SIMEON LED surgical lamps, SCHILLER cardiology devices, ACOMED operating tables, KIRSCH medical refrigerators, ACENDIS patient monitors, endoscopy systems from RICHARD WOLF, PHILIPS ultrasound devices and CARL ZEISS operating microscopes.

We would like to thank both hospital administrations for their cooperation with ACENDIS and for their trust in our company.



NEWS

02/14 No 62

**RICHARD
WOLF**
spirit of excellence



ACENDIS Presents: Great Innovation by RICHARD WOLF in the Field of Urology

ACENDIS in Turkey presents first flexible dual-channel laser uretero-renaloscope THE COBRA from RICHARD WOLF

Up to now, laser lithotripsy with a flexible uretero-renaloscope was often a complicated and time-consuming form of therapy. German company RICHARD WOLF took on the challenge to accelerate this therapy and thanks to its studies developed a product to reduce the complexity and the expenditure of time of the application. THE COBRA is the first flexible dual-channel laser uretero-renaloscope and has got the following features:

- Separate working channel for laser fibers to max. 365 µm
- Simple control of the laser fiber with special laser shifter
- Less damage to the working channel caused by laser fibers
- Faster working without constantly changing between laser fibre and stone basket
- Equipped with 2 large irrigation and instrument channels. One channel is primarily for a laser fiber but can also be used exclusively as an irrigation channel. An additional channel not only provides the option of continuous irrigation but also allows use of a stone basket, forceps and similar instruments up to 3 Fr. This channel can also be used for high-flow irrigation.

ACENDIS puts its signature on successful hospital projects with RICHARD WOLF products

The leading private hospitals in Turkey

- Gaziosmanpasa Private Hospital Istanbul
- Liv Private Hospital Istanbul
- Eryaman Private Hospital Ankara

are among the hospitals who have preferred RICHARD WOLF products for their new investments.

We would like to congratulate and to thank the hospital administration and their staff for their choice.



You can also benefit from the privileges of 'Made in Germany' RICHARD WOLF products.

For more information please contact ACENDIS.



NEWS

03/14 No 63

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Complete solutions from ACENDIS in the field of brain surgery – Excellence is hidden in the details

ACENDIS offers complete solutions in the fields of neurosurgery, cranial and spinal surgery and especially intracranial pathology, as well for diagnosis as for treatment. These solutions facilitate the actual operation, shorten the postoperative time and so provide a maximum of efficiency.



ACENDIS High Speed Surgical Motor System
90,000 rpm macro, micro and minimal invasive surgical solutions

- High power, low heat generation thanks to the patented motor technology
- High quality and reliability thanks to alloy materials
- Ergonomic design
- Economic price in consumable usage

In addition, we also offer the following products:

- Neuronavigation + neurostimulator systems
- Microscopes for brain and spine surgery
- Neurosurgical operating table + Headrest
- Electrocoagulator (cautery) + bipolar and monopolar accessories
- Spine and neurosurgical tools
- Spinal and cranial surgery consumables care products



 **POWERprecision**
by ACENDIS

Call ACENDIS for detailed information about our products and assistance for your project.

Private Ata Hospital in Izmir chose state-of-the-art equipment provided by ACENDIS

The administration of Atagöz Eye Diseases Branch Center, already providing service for the Izmir districts of Bayraklı, Gaziemir and Hatay expands its services in the field of general hospital services by adding the Private Ata Hospital to their expanding public health service.

We would like to thank the hospital administration who chose ACENDIS for the procurement of their devices.



✱POWERprecision
with an adjustable
speed range up to
90,000 RPM

EASY2LOCK
ADAPTER SYSTEM



NEWS

04/14 No 64



Wissner-Bosserhoff Intensive Care Beds – The maximum in ergonomics and safety

multicare

In an ICU an effective and fast treatment of your patients is of special importance. Health care professionals need equipment which makes their work easier. Thanks to maximum quality and comfort as well as state-of-the-art functions Wissner-Bosserhoff multicare Intensive Care Beds contribute to a more effective workflow in your ICU and help your staff to provide the best possible treatment for your patients. They also help to speed up the regeneration process due to their lateralisation feature.



eleganza 3XC

The progressive features of the eleganza 3XC bed are designed to meet the high demands of intensive care. This modern bed, with its column construction, offers an integrated programme to assist caregivers in saving the lives of critical patients.



Selected Features

- Integrated scales
- Mobi-lift® support handles
- Ergoframe® mattress platform
- Central nurse control
- Columns
- 5th castor
- Bed extension
- X-ray cassette holder

More comfort, friendly patient rooms and satisfied patients...

...this is the feedback we receive from our customers who chose patient beds from Wissner-Bosserhoff. They especially mentioned the functionality, comfort and the unique design.

ACENDIS provides leading hospitals in Turkey with Wissner-Bosserhoff patient beds. Among many others, 86 beds are being used in Esencan Hospital Istanbul, 100 beds have been delivered to Private Deva Hospital Gaziantep and another 142 to Private Koru Hospital. We would like to thank our customers for their trust in Wissner-Bosserhoff and ACENDIS.



Private Deva Hospital



Private Koru Hospital



Esencan Hospital Istanbul





From April 23rd - 27th, ACENDIS attended the "5th Common Solutions Meeting for Health" by the "Private Hospitals and Healthcare Organizations Association" (OHSAD) in Belek, Antalya. At the congress, which we supported as one of the main sponsors, our stand got lots of attention. The lecture of our ACENDIS CFO and a representative of the German LBBW Bank about financial solutions based on EULER Hermes Export Finance was met with great interest. We would like to thank everyone who contributed to a successful event and we are looking forward to seeing you again next year!

The New Generation of ACENDIS Patient Monitors Make a Lasting Impression

ACENDIS patient monitors are being utilised in the operating rooms of World Eye Hospital Group Turkey, Izmir Sifa University Hospital, Private Esteworld Hospital Istanbul and Private Asmed Medical Center as well as in the operating rooms and ICUs of Antalya Life Hospital and Izmir Baskent University Hospital. Private Eryaman Hospital and Yalova Uzmanlar Hospital also rely on ACENDIS patient monitors in their Neonatology Intensive Care Units and other departments of their institutions. We would like to thank the hospital administrations for their trust in ACENDIS.



New Anaesthesia and ICU Patient Monitors by ACENDIS – Developed to Provide Maximum Comfort for Your Staff

ACENDIS APM-500

Anaesthesia and ICU patient monitor

ACENDIS patient monitors are able to capture all monitoring information through post-operative care. Their functional and intuitive design helps to easily check all patient data. The APM-500 Series convinces with high mobility and touchscreen functionality.



- Special design for acute care
- 2 standard module slots for easy upgrades
- 10.4" high resolution LCD display
- Touchscreen
- Lithium battery
- 3/5 lead ECG, NIBP, SpO₂, Temp

ACENDIS APM-500 PRO

Anaesthesia and ICU patient monitor

- Special design for acute care
- 2 standard module slots for easy upgrade
- 12.1" high resolution LCD display
- Touchscreen
- Lithium battery
- 3/5 lead ECG, NIBP, SpO₂, Temp



ACENDIS APM-30 mobile

Handheld SpO₂ / EtCO₂ patient monitor

APM-30 mobile is a newly developed handheld patient monitor for continuous EtCO₂ and SpO₂ monitoring. It can be applied to both intubated and normal spontaneously breathing patients during all clinical situations.

- 3,5" high luminance colour LCD touchscreen
- Record of patient data in 7,200 hours
- VSDI (Vital Sign Data Integration) technology integrated
- Dustproof, waterproof, shockproof

ACENDIS APM-300 'Louis I'

Vital signs patient monitor

- Flexible combination of different parameters to satisfy different clinical environment
- Anti-shock and anti-drop design to meet the requirements of outdoor practices
- Large internal data storage and optional SD card slot
- Optional NIBP, SpO₂ ensures accurate measurement
- Support skin/oral/infrared temperature measurement
- LAN/WLAN/3G telephone data transmission, patient monitoring is no longer limited by location



NEWS

06/14 No. 66



ACENDIS Product Line...
We continues to present innovations with our own products

Besides our work with all big manufacturers and important brands in the field of medical technology, ACENDIS products and accessoires are drawing more and more attention. In numerous special fields of medical technology like ENT, neurosurgery, neonatology and medical image processing our products combine state-of-the-art technology with maximum comfort.



ACENDIS APM-3000 **Patient monitor**

The flexible and intuitive ACENDIS APM-3000 is suitable for adult, pediatric and neonate patients. This 7" patient monitor shows all relevant physical parameters, such as ECG, NIBP, SpO₂, resp and temp.

The patient monitor can display a maximum of 8 waveforms and show all parameter information monitored on the same screen.

ACENDIS APM-500 PRO **Anaesthesia and ICU patient monitor**

ACENDIS patient monitors are able to capture all monitoring information through post-operative care. Their functional and intuitive design helps to easily check all patient data. The APM-500 Series convinces with high mobility and touchscreen functionality.



- Special design for acute care
- 2 standard module slots for easy upgrade
- 12.1" high resolution LCD display
- Touchscreen
- Lithium battery
- 3/5 lead ECG, NIBP, SpO₂, Temp

ACENDIS AC-40 HD – Endoscopy Camera System with 3,5" LCD Device

High class endoscopy camera with digital signal processing and integrated video recorder for rigid / flexible ENT endoscopic and laparoscopic procedures.

This device with its unique features provides physicians with maximum efficiency and comfort at the same time.

For more information about this device and our ENT systems please contact ACENDIS.



ACENDIS Mobil Rhino Laryngoskop

ACENDIS fiber-optic nasopharyngoscope compound-lens optical system gives a clear image. The inlet pipe is very flexible, very thin and delivers precise results even in difficult to reach areas.



Endostore® Software for digital image documentation and archiving

Endostore® software offers its user the possibility to organise, to file and to edit the accumulated data from different image producing devices, such as endoscopy cameras or photo cameras (i.e. for microscopy), much faster and more flexible than before. It also helps you to relate those data to the matching patient. It is fully compatible with ACENDIS AC-40HD camera system.

Brainsurgery Device ACENDIS Powerprecision

Thanks to its patented motor technology, the Powerprecision can be operated at 90.000 rpm. Thanks to special alloy materials it provides an outstanding quality and because of its ergonomic design and reasonable priced consumables it offers a lot of advantages for its users.

We are looking forward to presenting you more of our products and services...



ACENDIS and DELTA TRADE COMPANY attract attention with TURNKEY Hospital Projects of Gözde Sağlık Grubu

With a total of 8 hospitals in Malatya, Adıyaman and İzmir, Gözde Sağlık Grubu serves as one of the most powerful healthcare service providers in Turkey. Our cooperation with Gözde Sağlık Grubu started 2004 with Malatya Gözde Medical Center. Afterwards we realised projects with Malatya Gözde Hospital in 2006, Malatya Gözde Kışla Hospital in 2006, Malatya Gözde Akademi Hospital in 2010, İzmir Gözde Hospital in 2013 and Adıyaman Gözde Hospital and

once again Malatya Gözde Akademi Hospital in 2014. Products from all our brands and manufacturers like Richard Wolf, Schiller, Codan Argus, Heinen + Löwenstein, Simeon and ACENDIS are being used by Gözde Sağlık Grubu with great success. We especially want to thank Dr. Kenan KALI, chairman of the board of the whole Gözde Sağlık Grubu, and Dr. İbrahim KARAMAN, chairman of the health department for their trust in us.



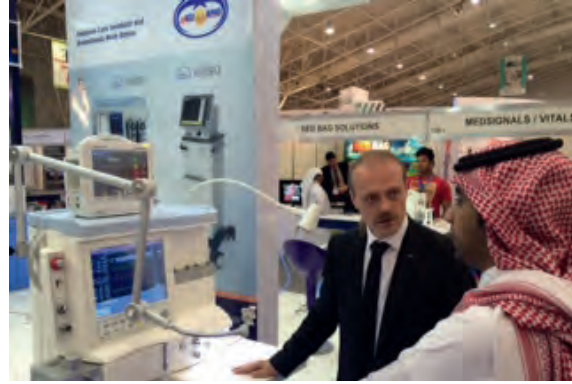
Hasan Sahin (CEO of ACENDIS) and Dr. İbrahim KARAMAN



From left: Okan Özdemir (DELTA TRADE COMPANY), Dr. İbrahim KARAMAN (Gözde Sağlık Grubu) and Ali Türkoglu (ACENDIS)

ACENDIS attended the Saudi Health Fair in Riyadh

Together with our Joint Venture Partner Almansouryah we attended the “Saudi Health” Fair in Riad, capital of the Kingdom of Saudi Arabia, from May 19th - 21st. Our booth, where we presented our products and services, was met with great interest and we are looking forward to attending this event again next year.



ACENDIS attended:

The HOSPITAL BUILD & INFRASTRUCTURE MIDDLE EAST 2014 fair in June

ACENDIS together with our joint venture partner Almansourya participated in the HOSPITAL BUILD & INFRASTRUCTURE MIDDLE EAST 2014 fair in Dubai. We used this opportunity to strengthen our ties to the Middle East and to present our products and projects to the visitors on our both, which was met with great interest.



Your professional partner
for realising Private Hospital Turnkey Projects



NEWS

07/14 No. 67



ACENDIS presents state-of-the art MR Compatible Products

ACENDIS offers additional practical solutions with MR compatible medical products. Heinen+Löwenstein anaesthesia device Leon MRI, o-two CAREvent® MRT automatic transport respirator and the BABY POD II infant transport device are the headliners of our MR compatible products.

HEINEN+LÖWENSTEIN Leon MRI Anaesthesia work station

Both the power spectrum and the operation of the leon mri, match exactly, without any restrictions, to those of the already well-established leon. A further major logistical advantage can be found in the compatibility of the compact circuit system with the leon plus, leon and leon mri systems. The position to MRI device is monitored by an integrated magnetic-field strength monitor.



o-two CAREvent® MRI Automatic transport ventilator

The CAREvent® MRI automatic transport ventilator is a lightweight, portable, durable and simple to use, control module style, automatic time/volume cycled device. It is completely pneumatic (no batteries required) and delivers breath by breath consistency in delivered tidal volume, frequency, inspiratory/expiratory times and flow rates. This consistency is not achievable with a bag-valve-mask resuscitator and prevents gastric inflation and high intrathoracic pressure.

BABY POD II Infant Transport Device

BABY POD II is a groundbreaking device in infant transport thanks to its safe and flexible structure. The Baby Pod II weighs only 9.5 kg and is intended for infants up to 8 kilograms. The Baby Pod II uses technology, materials, and design features that protect Formula 1 race car drivers from injury during a crash. The external shell of the pod is manufactured from carbon-fibre with no metal components, allowing the infant to have an MRT, CT scan, or X-Ray while remaining safely in the pod. Besides the user-friendly and high-tech carbon fibre composition, a constant 38 °C temperature is provided up to two hours thanks to its clinically proven TransWarmer® Infant Transport Mattress.



Learn more about
F1 technology of
BABY POD II



BABY POD transports multiple babies safely and quickly

The Wiltshire Ambulance Service NHS Trust managed the movement of patients from the Princess Margaret Hospital in Swindon to the new Great Western Hospital Site a distance of 8 miles. The hospital clinical staff had experienced the problems involved in transporting babies in heavy and cumbersome transport incubators and the logistical problems of providing the specialist ambulances required for such multiple incubator movements. The problem was solved by using the new BABY POD



Infant Transport System. BABY POD provided not only a massive reduction in weight (from 120 to 9 kg) and the ability to provide a substantially improved level of safety for both baby and crew, but also the flexibility to mount the unit on any front line vehicle stretcher.

This enabled the entire movement of 11 babies aged between 3 and 24 days, with weights from 980 g to 2.2 kg and 5 babies aged between 3 hours and 3 days with weights from 2.04 kg to 3 kg to be completed within 4 hours.

Geoff Todd, Divisional Officer (North), of the Wiltshire Ambulance Service NHS Trust stated subsequently that "this innovative unit should be standard for all maternity units, its flexibility and the ability to mount it on any vehicle stretcher dramatically reduces the risk element of moving the large and heavy transport incubators".

You can get in touch with our officials to get more information about the BABY POD Infant Transport Device.



NEWS

08/14 No. 68



**As a strong partner –
ACENDIS helps you to realise your Medical Turnkey Projects**

PROJECT MANAGEMENT

Only a careful planning of the equipment can ensure that your project will master the requirements of the future, too. You will receive extensive, competent and fast advice.



FINANCIAL CONSULTING

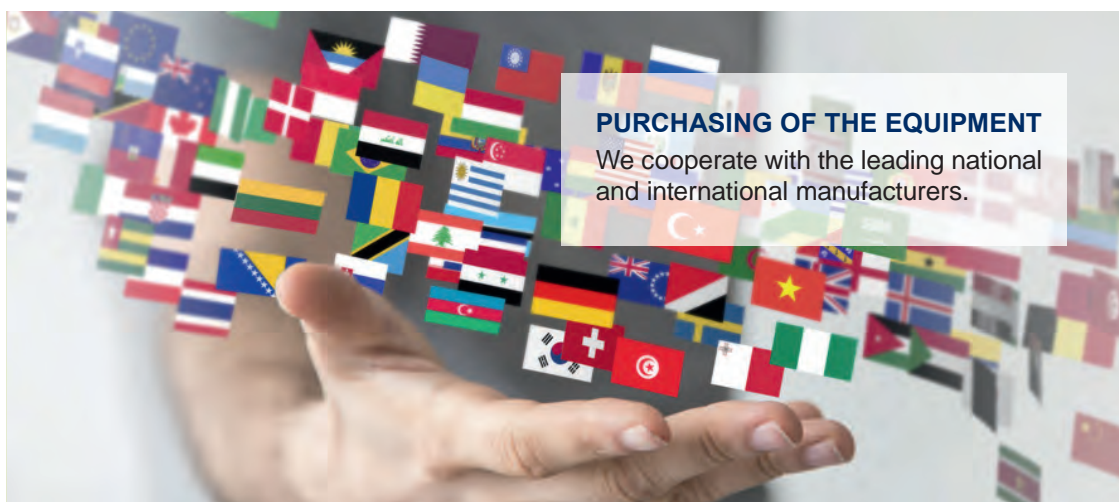
It is offered by the headquarters of our company in Germany in cooperation with German and international renowned banking institutions e.g. Commerzbank AG, Landesbank Baden-Württemberg and ING together with Hermes insurance.





PLANNING OF THE EQUIPMENT

The equipment will be compiled exclusively for your specific needs within a short time. We give highest priority to the dependability and profitability of our devices.



PURCHASING OF THE EQUIPMENT

We cooperate with the leading national and international manufacturers.



INSTALLATION

We coordinate our activities with the construction firm. So we enable our specialists to do all the installations corresponding to the building's progress.



TRAINING

We will train your staff extensively to operate the installed equipment. Individual training on selected devices can be arranged upon request directly at the manufacturers.

Yüksel Yazıcı, Biomedical Direktor Assistant of MEDICAL PARK Hospital Group, about cooperation with ACENDIS:

“In our MEDICAL PARK hospitals we work only according to latest medical standards. That is the reason why I appreciate ACENDIS as a partner to maintain this kind of quality and to further improve it. I especially value the expert advice, the wide range of international products and the service which ACENDIS guarantees over the lifetime of its products. The after-sales-service provided by ACENDIS is as important for the health of our patients as the correct use of the devices, which is also ensured by the

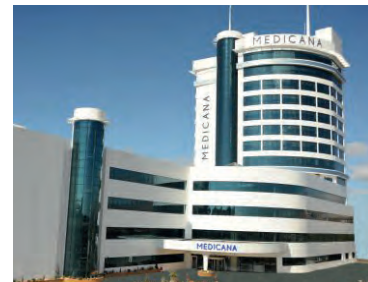
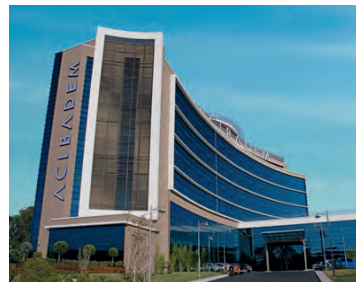


training of our employees by the always professional and highly-trained ACENDIS staff. In addition to that, ACENDIS always provides the most economic solutions for our hospitals. Our cooperation with ACENDIS is excellent, especially because Mr. Hasan Sahin (CEO of ACENDIS) always invests his whole energy in our projects. With flexible and customer orientated financial solutions ACENDIS always responds to our demands fast, simple and reliable.”

International Projects with strong partners- satisfied clients all over the world



ACENDIS realised more than 150 international projects all over the world since 1995. We're carrying out Turnkey Hospital Projects with international standards in Turkey, Turkic Republics, Middle East, Africa und Europe. We support our clients by all processes - from planning to implementation - in their hospital projects. We will continue to focus on our projects relying on your confidence and trust.



more references...



Innovation in Life's Medical Technology

NEWS

09/14 No. 69



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ACENDIS presents the new ventilation system Elisa 800 and Anesthesia and Sedation System: vitaQ by Heinen + Löwenstein

Heinen + Löwenstein's new intensive care ventilator Elisa 800, presented in Turkey by ACENDIS, minimizes intensive care ventilation's typical problems and offer maximum security and usability.

Heinen + Löwenstein Elisa 800's innovative features

PEEPfinder®



With the PEEP-finder, the determination of the optimal PEEP range point is as easy as setting the respiratory rate. Thanks to its state-of-the-art sensors and high-resolution sampling rate, elisa 800 contains the necessary algorithms for the reliable determination of the inflection points, and accordingly, the necessary PEEP.

Weaninganalyzer®



The Weaninganalyzer accurately determines a patient's status in the weaning process and generates a dependable prognosis for their readiness for extubation as the best prevention of complications caused by unnecessary long stays on the ventilator.

Instant View Technology



The Instant View Technology lets you intuitively understand a patient's situation, with immediate display of any trends and necessary interventions.



Easy Access Bar



The Easy Access Bar of the elisa 800 intensive care ventilator lets you make the desired settings with accuracy and ease, even in stressful situations. The touchscreen operation gives you intuitively understandable and unmistakable feedback on the value settings. Since all numerical values and setting parameters are always arranged in the same location, operation is an easy routine that is not error-prone in high-stress situations.

Valve Bar



Thanks to the valve bar of the elisa 800, patient-side connections can be quickly replaced, effectively preventing cross-contamination. The expiration sensors no longer need to be calibrated and the costly replacement of disposable sensors has been eliminated, which saves time and ensures economical reuse of parts.

Powermanagement



State-of-the-art power management ensures a safe energy supply even in cases of power failure, voltage fluctuations or lengthy intensive care transports.

Intelligent Acoustic Alarmsystem



The intelligent acoustic alarm system automatically adjusts the volume of the alarm to the current noise level of the environment.

FIO₂ Monitoring



Modern procedures allow for unobtrusive FIO₂ monitoring without any user involvement.

Ultrasonic Nebulization



Medical aerosol delivery by ultrasonic nebulization is considered the gold standard today. Modern ultrasound technology does not affect ventilation therapy, is almost noiseless and the medication can be refilled during operation.

The nebulization is synchronized with the patient's inspiration. Therefore, our technology considerably reduces the amount of medication used without compromising treatment efficiency.

Heinen + Löwenstein's Protective Anesthesia & Sedation System: vitaQ

Clean and intelligent technology

The innovative anesthetic system architecture in combination with a special anesthetic gas supply reduces considerably the usage of volatile anesthetics. At the same time the completely sealed circulation system keeps the total gas usage to a minimum. vitaQ combines the options of an innovative anesthetic system with the ventilation performance of a modern intensive care respirator. The differentiated peri- or post-operative ventilation of adults, children or newborns can now also be realized in the OP-environment along with non-invasive ventilation.



Maximum Protection

The future begins now with the vitaQ and its modular Xenon module. Xenon can now be cost-efficiently used as an anesthetic and for organ protection. The XeQapp guarantees minimum wastage at maximum speed when floating with Xenon.

Maximum Safety

Redundant high-performance processors continuously monitor the technical function of the anesthetic system. The power management ensures through multiple technologies a secure energy supply even in cases of power failure. High-quality materials and a modern separable inner circulation system allow a simple hygienic preparation and thereby prevent cross-contamination and nosocomial infection.

MaximumFlexibility

vitaQ is designed as an anesthetic system for daily use. Independent of the clinical level of care, duration of the anesthesia or the risk assessment of the patient, the vitaQ covers the whole spectrum of anesthesia and flexibly adapts to the respective needs.

NEWS

10/14 No. 70



ACENDIS your professional and trustful partner in the field of sleep diagnostics

Scientific research and studies in the field of sleep diagnostics have identified more than 80 different kinds of sleep disturbance and insomnia, which have got a heavy impact on everyday life. For the diagnosis and treatment of these diseases the nightly recording of bio signals, sleep, motoric-, airway- and cardiovascular functions is very important.

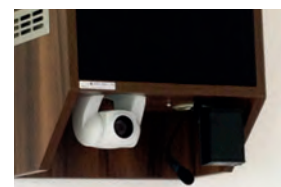
A new quality of sleep and life thanks to sleep laboratories of ACENDIS

Looking at the increasing number of people suffering from sleep disturbance and the consequential negative impact on the people's lives, it becomes apparant how important the installation of modern sleep laboratories in hospitals is. ACENDIS offers professional services for every hospital which decides to build up an own sleep laboratory and sleep diagnostics department. We work together with our long-time German partner "Heinen + Löwenstein" which has executed lots of projects in this field of medicine in the last 20 years. Our company offers the complete and partial planning and build up of sleep laboratories, the equipment and training of your staff and technical service.

Our solutions help you to treat your patients more effective and help to minimize overall costs.



Treatment room



Camera system



Control room

ACENDIS takes part in the 15th National Congress of Sleep Medicine and the 3rd National Congress of Sleep Medicine Technicians

ACENDIS will attend these two events which will take place at the Hilton Hotel in Dalaman from Nov. 1st-5th 2014. On our booth, together with sleep diagnostics specialist company Weinmann, we will present a sleep laboratory with computerized and miniscreen, several CPAP devices and their connection to our sleep laboratory and different masks and somnocheck devices.

We will also offer a workshop together with our partner Pro-Tip about sleep laboratories and sleep diagnostics. We are looking forward to seeing you at this event!



NEWS

11/14 No. 71



Wissner - Bosserhoff patient beds for maximum comfort, safety and ease of use

Wissner - Bosserhoff patient bed eleganza 2

The eleganza 2 with its innovative features pushes the boundaries of safety standards, quality of workmanship and design. It is the first bed of its kind, and so defines the genuinely modern bed. It contains all sophisticated functions, including "smart" properties and is also accessible for

the broad spectrum of healthcare. Thanks to its properties it meets all the needs of each hospital ward. Thanks to its modern and practical design the eleganza 2 makes demanding day-to-day patient care easier and shifts the perception of the care provided to a far higher level.

Your benefits at a glance

Pioneering mobilisation

More than 30 % of patients falls occur when they are getting out of bed. A detailed study of ergonomics has given rise to a handrail and integrated mobilift, thanks to which the patient gains assurance when getting up, he regains independence faster, and demanding work is made easier for medical personnel.

Unique Mobi-Lift

Uniquely, the Mobi-Lift has been integrated into the head side rails of the eleganza 2. This allows the patient to adjust the height of the mattress platform according to his individual needs without using the safe grip on the side rails.

Safe Concept

Falls from a bed or injuries pose a great problem for medical facilities. The side rails guarantee a high level of protection against falls, and many other safety features like a brake alarm or an innovative light concept make eleganza 2 a bed with the highest possible safety level.



For more comprehensive information about the innovative features of eleganze 2 you can contact our firma officials.

ACENDIS signed a major contract with Medical Park Hospitals Group

ACENDIS and its long-time partner Wissner - Bosserhoff (Wi-Bo) have signed a major contract with Medical Park Hospital Group, one of the largest hospital associations in Turkey. Under this agreement ACENDIS will provide Medical Park Hospitals with 2,000 hospital beds, mattresses, accessories as well as bedside cabinets and serving trays. "It is a great honor and acknowledgment for Wi-Bo that Me-

dical Park, as a leading association for high-class products in the Turkish health care market, has decided to purchase our products" explained

Dr. M. Rosada, managing director of Wi-Bo and LINET Group CEO. ACENDIS would like to thank the Medical Park hospital administration for their choice and trust in us and our products.



Dr. M. Rosada Yüksel Yazıcı Kemal Durukan
Wi-Bo ve LINET Medical Park ACENDIS



NEWS

12/14 No. 74

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ACENDIS assists you in the field of physical therapy and rehabilitation

GBO

HiToP® 4 touch

HiToP® 4touch produced by GBO is a four-channel pain therapy device for local and holistic therapies for different indications – Yet the user interface gives a maximum level of usability: With one single touch you can select a therapy from your personal list of favorites. Simply turning the intensity regulator allows a real quickstart.

- Brushed aluminum surface and the 15" TFT LC D full color touch screen monitor
- Modern high-tech design
- Four independent channels which are being displayed individually



GBO

HiToP® 191 (Diabetes)

This device is a professional home unit for medical muscle stimulation clinically tested for the treatment of diabetic polyneuropathy. Like all units of the HiToP® 191 family the 191 is based on the innovative and patented High-Tone Therapy. The clinical study "Effective Treatment of symptomatic Diabetic Polyneuropathy by High Frequency External Muscle Stimulation" shows a positive responder rate of HiToP® therapy of 80 % compared to 33 % for conventional electrotherapy.



- Besides the alleviating effect for the metabolism this new therapy allows a extremely comfortable and yet very deep and effective stimulation of the muscle.
- It is much more effective at reducing pain than conventional electrotherapy
- It can be used for diabetic polyneuropathy, uremic polyneuropathy and polyneuropathy indications caused by other reasons

LIKAMED



LIKAWAVE SHOCKWAVE UNIT WITH INNOVATIVE VARIO LOGIC TECHNOLOGY



Due to the intelligently controlled modulation of shock-wave intensity and treatment frequency, therapy with theVARIO shockwave is more effective and, at the same time, more gentle than with comparable techniques. Thanks to the application of alternating energy and frequency during a treatment cycle, the cells can regenerate again and again even during the treatment. This avoids the cell destruction that can always result from the onslaught of waves in a linear application.

- Unique VARIO LOGIC TECHNOLOGY
- Intuitive handling via 10.4 inch touch screen
- Pre-programmed VARIO modes or own settings possible
- Various applicators, individually adjusted to the specific indications
- Ergonomic, lightweight handheld unit
- 25 levels of intensity (adjustment of the energy depending on the patient's sensitivity to pain)
- Pulse mode 1 – 12 Hz (adjustment of the shockwave frequency to the specific indications)
- Quick access to easy-to-manage patient database
- Treatment suggestions for individual indicators via medical e-book with sample applications
- Modern and sophisticated design
- As a mobile unit with equipment trolley or a compact tabletops device

KH DEWERT

MULTIPURPOSE EXAMINATION, TREATMENT TABLES AND MEDICAL FURNITURE

Dewert produces products such as exercise-rehabilitation-echocardiography tables, wall-mounted opening – closing tables, patient transport stretchers, height adjustable arms and legs holding back stools and supported – unsupported stools and steps for the patients that have been treated on the fields of physical therapy,

obesity, geriatrics, incontinence etc.

The color, hydraulic or electric height adjustability or fixity, mobility with wheels- without wheels, trendelenburg – anti-trendelenburg, flexion positions and angle of each section of the tables can be selected according to the customers' requests.



Dewert Manipulation Bed (art no 6875- 04), 4 sectioned, electrical



KH Dewert Tilt Table (art no 90-00)



The number of our Turn-Key Hospital Projects continues to increase at an international level

We have added a new hospital “Oforikrom Hospital” in Kumasi, Ghana in West Africa to our international Turn-Key Hospital Projects. For this project we have worked together with Mangel Klicks®, one of the leading companies of Ghana. This new hospital is going to be a multi specialist centre comprising all the various aspects of patient care. It will give service on the fields of obstetrics and gynecology, general surgery, orthopedics, pediatrics, neonatology, uro-



logy and assisted fertility. It is a well-equipped hospital with top of the range equipments from ACENDIS, modern digital X-ray and fully equipped laboratory. It has 4D scanners that does cardiac echogram and 60 beds to take care of all in patients. It has three well equipped theatres, an intensive care unit and a well equipped neonatal setup with incubators and respirators. We would like to thank the hospital administration for choosing our company ACENDIS.

ACENDIS participated in a series of congresses in November



ACENDIS attended a number of congresses in November. We had the opportunity to introduce our sleep diagnostic concept to the participants in the 15th National Congress of Sleep and 3rd Medicine and Sleep Medicine Technician Congress held in Dalaman, Turkey between 1st – 5th November 2014. We participated in the SASDER III. National Congress held by the Association of Medical Managers and Insurers (SASDER) on 6th – 9th November 2014 in Belek, Antalya, Turkey. In this organisation we exchanged our views about our hospital projects with the congress visitors from different sectors. We also attended the international Medica Congress in Düsseldorf, Germany on 12th – 15th November 2014. This congress brought many medical companies from different medical fields together. And we had the opportunity to follow the latest developments in the medical sector.

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