



OVERVIEW

- ▬ GSC Medical, subdivision of GSC Consulting and Management AG with headquarters in Chur, Switzerland, is a **leading provider** of used and refurbished hospital medical equipment from Germany and Western Europe to hospitals, medical clinics, doctor offices, pharmacies, and other medical facilities worldwide
- ▬ With **over 20 years of experience** GSC medical is well-known as a major importer, warehouse keeper, and exporter of medical equipment
- ▬ The company is recognized by the market for its **strong technical competencies**
- ▬ **Approved partnership** with the systems' manufacturers and hospitals' management



OFFICES AND BRANCHES

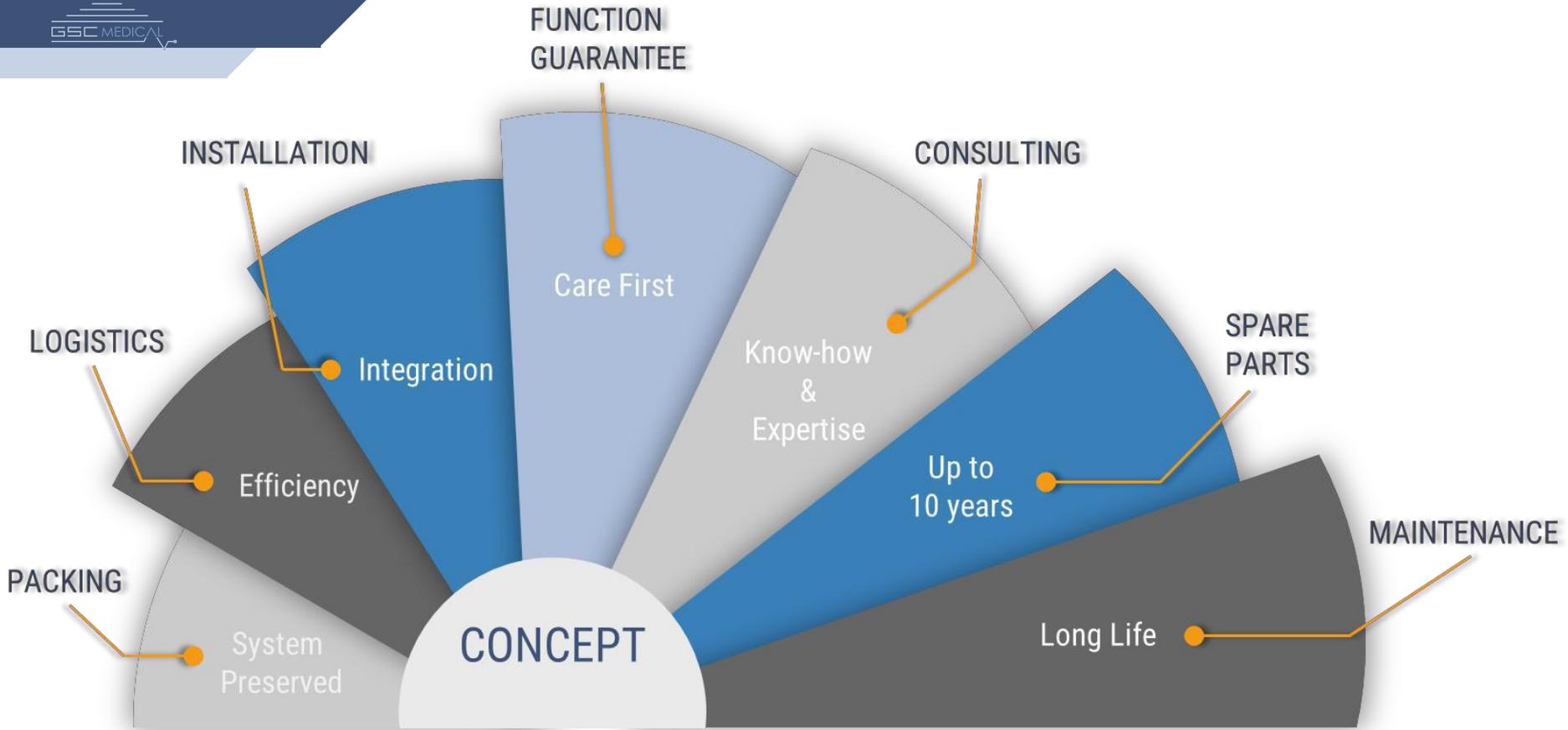


HEADQUARTERS
CHUR

BRANCH OFFICES
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GSC Medical:

- ❖ provides customers with a wide range of medical equipment on stock in its own warehouse while adhering at the same time to a ***just in time*** approach both with their clients and suppliers (hospitals, clinics, etc.). As the medical device industry continues to innovate and grow, **GSC Medical** supplies only the highest quality systems available in Germany and Western Europe;
- ❖ employs a large team of highly qualified German engineers skilled to refurbish the offered equipment according to the OEM's specifications; to install the units at customers' places and to put them into operation; to give the customers technical support; to instruct and train the clients' staff; to take care of the maintenance;
- ❖ provides professional packaging for transportation safety and functional guarantee for the delivered equipment;
- ❖ guarantees up to 10 years of spare parts availability for all sold systems;
- ❖ offers reliability approved by more than 20 years of experience on refurbished medical equipment market.



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CARE FIRST

GSC Medical delivers the most advanced and reliable products of excellent quality and the best customer service. Our policy is as simple as strong – “**Care First**”. We do thoroughly take care of our customers’ business needs and help our clients to profit from the era of technological change.

MISSION



VISION

The vision of **GSC Medical** is to be the first choice supplier for our customers by keeping being a smart, innovative and reliable provider of medical systems while maintaining our focus on the client- and future-oriented consulting services and solutions.



**FOCUS,
CARE,
ACCURACY.**



We have an extensive portfolio of products, leaders in their respective therapeutic area, including women's health, pediatrics, hematology, imaging, anesthesia, neurology, dialysis and more.

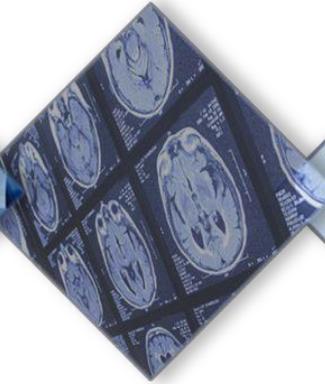
X-Ray



Ultrasound



MRI



CT Scanners



Dialysis



Medical Equipment

GSC Medical provides a wide variety of used and refurbished equipment, up to everything that is necessary for an entire diagnostic center: from MRI (Magnetic Resonance Imaging) to PET (Positron-Emission Tomography), from endoscopy equipment to the ECG, from Ray-x to Dialysis machines, from probes to ultrasound machines. We also can sell ambulances, beds and other hospital furnishings too, in addition to bistoury, scissors and supports of all kinds. All the systems are tested and professionally checked by OEM-licensed German technicians during reinstallation or in our facilities/warehouse. This *modus operandi* let us give to our customers a functional guarantee on every device we sell.

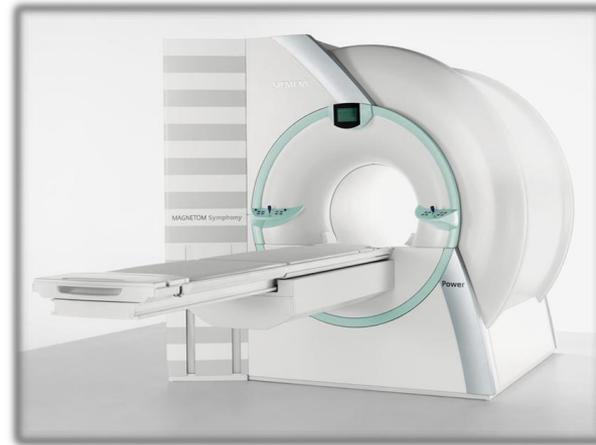


DIAGNOSTIC CENTER

MRI

We offer only MRI that provides quality and reliable results for all your patients and examinations. Every MRI is equipped with the best gradients in its class. For example with 8 radio frequency (RF) channels, large homogenous FOV, compact siting and SENSE parallel imaging. Also it can have a flexible upgrade path to higher RF channels if necessary. These MRI systems provide a broad collection of clinical solutions and upgrade possibilities to newer and more advanced application when your needs grow.

- Pulsar HP+ gradients
- Scalable Freeware RF platform
- Largest homogenous FOV in its class
- Complies with green product requirements
- Easy upgrades available



CT Scanner

We provide refurbished CT Scanners up to 128 slices of high definition in a single rotation. They are a high quality and versatile CT scanners with many great technologies. Each scanning with these systems will provide excellent results. Each slice is in a great quality – with more details than ever. Additionally, some of these systems can be equipped with the double slice technology, which allows it to take full advantage of their technology. The acquired data can be reconstructed in a double density. This results in high-precision reconstruction in MPR and 3D rendered images, reducing cone beam artifacts without interfering with dose exposure.



Mammography

We offer refurbished mammography systems with the most versatile technology for breast imaging and biopsy guidance. Their open design, integrated features and work-horse reliability ensure the highest performance. Because many systems are a screening unit, diagnostic work-up system and stereotactic biopsy unit all in one, they maximize system utilization potential, return on investment and space savings.

Imagine the efficiency of using one of these systems for:

- Screening
- Special Views
- Magnification
- Stereotactic biopsy, fine needle and core
- Needle localization
- Specimen radiography



Angiography

We provide refurbished Angiography systems of new generation that take you to a completely new level of clinical excellence. From image quality to operability, from versatility to efficiency, the innovative features of these systems are aimed to set new benchmarks – with outstanding functionalities that make excellent imaging a snap and an overall ergonomic concept that will redefine your clinical workflow in many fields of practice. These systems offer you:

- Powerful performance
- Precise Imaging with larger field of view
- Easiest Operation
- Improved Clinical Workflow
- Maximum flexibility in data handling



Lithotripter

GSC Medical provides lithotripters that are not only a crushing of the kidney stones, but they are an absolutely complete Urological workplaces, with table fully swivel and adjustable x-ray head. You can do so all other urological procedures and you can have x-ray images of the entire bladder with prostate and others.



Sonography / Echocardiography

We provide ultrasound systems that are a compact, portable imaging solution that delivers exceptional clinical performance across a wide variety of applications. This comprehensive, fully featured system incorporates high-end image optimization techniques and enhanced workflow features to meet the challenges of the most demanding care environments.



Spirometry

We provide multitasking and versatile spirometers, ideal for accurate and early diagnosis of respiratory diseases. Easy to use for family doctors screening or *pharmacy quick tests*. The systems are PC compatible for patient data transfer and working with Windows 10.



ECG / EKG

GSC medical provides ECK and EKG, ideal for accurate diagnosis of cardiologic diseases. These systems are very easy to use.

GSC Medical provides:

- Video Processors that feature a leading-edge video signal processing technology configured to frequency components specifically suited for endoscopic images, allowing it to enhance details while simultaneously suppressing noise. The result is a more detailed image that makes it easier to spot minute tissue textures and subtle color variations on the mucous membrane.
- Xenon Light Sources, able to generate 30% more light intensity than predecessors. When combined with the video system, the full system is 35% smaller than previous models.
- We provide endoscopes, gastroscopies, duodenoscopies, keyboards, monitors, printers, connectors, carriages (endoscopy towers), storage compartments, endoscopes' hygienic reprocessing machines and everything is needed.



We provide:

- Hematology systems, designed to address routine testing needs of high-volume hematology laboratories and difficult samples in specialty testing environments. These hematology systems utilize color fluorescent technology for improved lab efficiency. It allows cell population analysis by monoclonal antibody fluorochromes analogous to flow cytometry.
- POC Diagnosis systems for emergency outpatient clinic, pediatrics and medical practice for rapid POC diagnosis and thus determining the best treatment. This diagnostics device provides rapid decisions in critical situations.
- Integrated chemistry systems that measures a variety of analyses, including enzyme activities, in body fluids.
- Laboratory centrifuges for standard routine centrifugation for all general applications.





Mobile Diagnostic/Hospital System

GSC Medical provides Mobile Hospital/Diagnostic Systems that have the following main functions:

- Evacuation center from point of disaster
- Triage, resuscitation and stabilization of injured people
- Life and limb-saving surgery
- Diagnosis and treatment of serious disease
- Sustaining treatment for those requiring further evacuation
- Reinforcement for smaller medical units in case of catastrophe
- Centralization of medical supplies

The Mobile Hospital System consists of expandable and non-expandable Shelters and patient ward tents with an individual capacity of 10 beds. Admission/triage tent as well as nursery and transfer tents complete the hospital part of the mobile system. All units are connected by inter-locks between Shelter / Shelter and Shelter / tent to secure a clean and stable hospital environment. All Shelters and tents are supplied with air-conditioning.

Functional Description of Extendable Shelter

By manually pulling out the side segments, the Shelter can be extended as follows:

Unfolding the outer sidewalls performs extension of the room.

The Shelter cell consists of roof, floor, end wall, rear wall and two extendable sidewalls left and right:

- the side wall is folded up to the extendable roof on the left and right side
- the floor element behind is folded down to the extendable floor
- the side wall behind, with end and rear wall, is pulled out until it snaps into position where it is finally locked



Functional Description of Extendable Shelter

- Together with the end and rear walls, the extendable sidewalls constitute the side segments.
- Inside, reinforcing elements are fitted horizontally behind the inner covering. Inside, in the area above the foldable floors, cupboards and equipment can be permanently installed or latched in.
- In each end wall, outside, there are two recessed handles for pulling out the side segments. Also outside, lower down, each sidewall is fitted with four casters, on which the side segments are pulled out on the floor.
- In the upper part of each sidewall, outside, there are four lever-type clips for fastening the folding roofs to the side segments.
- Between the extendable side segments and the fixed sidewalls there are two U-shaped steel sheets on each side, in which the pneumatic springs for the folding roofs are supported. When the roofs are folded down, the pneumatic springs are housed in the U-shaped steel sheets.

The Hospital is completed with peripheral units like power generator, water supply, sanitary (toilets/showers) containers, kitchen, laundry and transport containers. All units are as far as possible equipped with commercially available parts and units produced by well-known companies. Combined with special components and based on ISO transport standards the Mobile Hospital System is ready for worldwide use.



Operation 2 : 1



Intensive Care Unit



Computed Tomography Room



Connection Shelters



Operation 3 : 1, 2 OP tables



OP Preparation Room/Recovery Room

Transportation

The mobility of the ISO-Shelters has been designed and manufactured for transport by road, rail, sea, air (e.g. Transall, Hercules, CH 53), crane lifting. The Shelters can be placed on and removed from site by all common means of material handling, such as crane or fork lift (option).

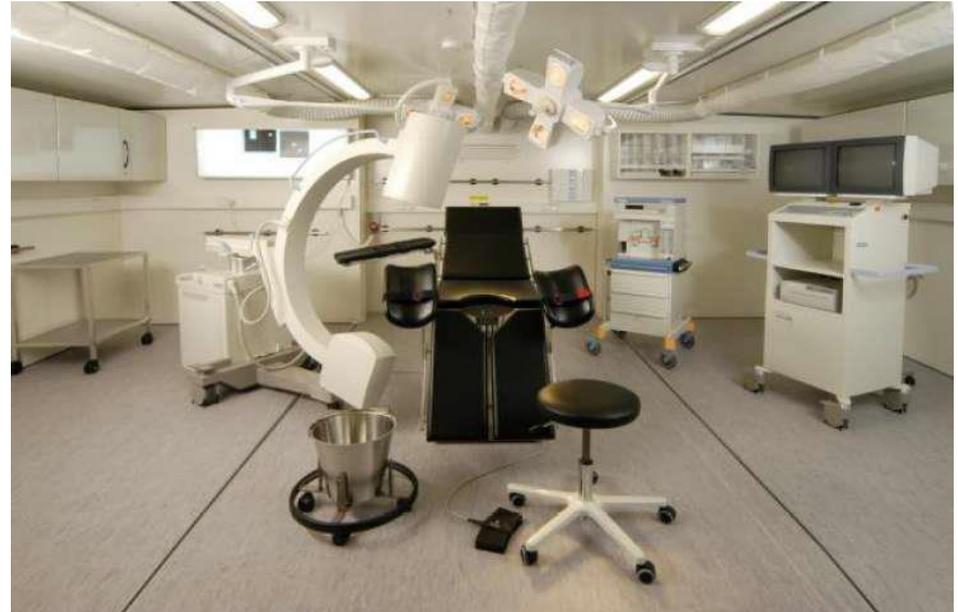


Description of main Shelters & Tents

Operating Theatre (OT)

The OT provides surgical facilities for general and specialized operative procedures. The unit consists of one double side extendable Shelter. Patients and staff enter the unit through the scrub-up area. A stretcher is used to transport the patient into the operating theatre where he is transferred onto the operating table and prepared for the required procedure.

After surgery the patient is moved by stretcher from the operating area to the recovery Shelter, tent, or other designed area. Soiled goods are removed for disposal or reprocessing. Medical gases can be supplied from either the anesthesia machine or a bottle supply system.



Description of main Shelters & Tents

Intensive Care Unit (4 beds)

The ICU will provide intensive observation, continuous monitoring and care for patients who are in an unstable vital condition or who may urgently require treatment on life support systems.

Constant monitoring of patients will be provided by comprehensive equipment and highly concentrated staff both in terms of numbers and skills.

The Intensive Care Unit (ICU) will provide intensive care for:

- Severely ill cases with unstable function
- Cases for post-operative observation and continuous monitoring
- Cases who may require urgent treatment on life support system

ICU is entirely different from standard ward; all the patients are bedfast and are connected to monitoring or life support systems. Their condition demands that they must be visible all the time and under the constant control of the skilled nursing team. Patients may be admitted to the unit directly from emergency department, from operating room or due to any complication that may have occurred during hospitalization.

Description of main Shelters & Tents *X-Ray Diagnostic*

The X-Ray Diagnostic department will provide supportive diagnostic services through radiological examination, interpretation of films and reporting. These services will be carried out under the management of a Radiologist and will be rendered to all in- and outpatient departments of the Mobile Hospital.

Services requiring the use of mobile equipment throughout the Hospital including Operating Room, ICU and Emergency Department will also be provided by the department. The X-Ray Diagnostic department will carry out general radiography and ultrasound imaging.



Description of main Shelters & Tents *Sterilization*

The Sterilization department provides centralized sterilization services for the whole Mobile Hospital. It is responsible for inspection, disinfection and cleaning-up, packing, sterilizing and temporary storage of all items to be re-used.

The department will receive new materials, clean linen from the central store, and recycled items (e.g. surgical instruments) from the user departments.



Description of main Shelters & Tents *Laboratory*

The Laboratory of the Mobile Hospital will provide comprehensive, consultative and diagnostic services in laboratory medicine. It is located in a central position for easy accessibility to all wards, ICU and OT department.

To ensure the scope, standard and capability of the laboratory services meet clinical needs and the technology used is appropriate and cost-effective.

Services provided by the department are clinical chemistry, hematology and microbiology.



Description of main Shelters & Tents *Pharmacy*

The function of the department is to provide services for the receipt, storage and preparation of specialized pharmaceutical products for distribution to wards and departments. It will also provide patient counselling and drug information services to the staff of the Mobile Hospital.

The pharmacy will support the hospital, supplying ward, emergency department and treatment areas.

The pharmacy will not provide manufacturing of drugs.



Description of main Shelters & Tents

Surgical Transfer

The Surgical Transfer Shelter has a special construction to link up to six different Shelters to one single unit. It is used e.g. to connect Operating Theatre, ICU and Sterilization with tent and observation area.

Free floor space is used during transportation to store medical and non-medical materials.



Description of main Shelters & Tents

Patient Ward

The ward area consists of 2 tents with 10 beds each. All units are self-deployable tents. The ward provides procedures for inpatients which include:

- Specific investigations requiring preparation
- Establishment of diagnosis
- Treatment regimens requiring absolute bed rest for the patient, frequent monitoring of vital signs, surgery, preparation of medicine etc.

The ward will facilitate the constant observation of patients and allow a full range of treatments and procedures to be carried out. In the ward patients will be provided with the following medical services:

- Regular medical consultation and examination
- Diagnostic procedures
- General nursing
- Definitive / symptomatic treatment
- Monitoring and evaluation of physical and mental / emotional status





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