



# blossmann<sup>®</sup>

## **Innovation and Technology to enhance or efficinecy**

**Blossmann is an ecosystem focused on OR solutions, integrating novel technology and innovative processes to achieve excellence throughout daily procedures.**

**Our success is based on 4 pillars:**

**Logistic**

**Information**

**Technology**

**Talent**

**We integrate our value offer with innovative solutions for the OR fullfiling every specific need for each one of our clients.**



**SIA**

## Biossmann Integral Service of Anesthesia

We guarantee the greatest efficiency for the hospital, efficient support for the anesthesiologist and high-quality life support for the patient.

### Benefits

#### *ADMINISTRATIVE BENEFITS*

- + Increase on efficiency in the Operating Rooms.
- + Decrease on surgical scheduling gaps.
- + Elimination of expenses due to purchase and inventory management.
- + Elimination on losses due to mishandling, and waste of supplies.
- + Having a defined cost per surgery type no matter its actual time span.

#### *ECONOMIC BENEFITS*

- + You save money by eliminating maintenance costs of the equipment we provide.
- + The anesthesia units, monitors, and sensors are cutting edge technology that comply with the specific needs of each procedure.

### Contact

T (52 55) 8000 4400  
[www.biossmann.com](http://www.biossmann.com)

### Service model

#### *INTEGRAL ANESTHESIA SERVICE*

##### **HUMAN TALENT:**

- + Auxiliary staff
- + Biomedical Engineers
- + Medical staff

##### **TECHNOLOGICAL EQUIPMENT:**

- + Advanced Anesthesia Equipment
- + Anesthesia Units
- + Folio Tracker / Handheld

##### **SUPPLY:**

- + Disposables
- + Drugs

#### *TECHNOLOGY*

“We offer the most prestigious anesthesia units, monitors, and ventilators. Furthermore we adapt to the specific needs of each surgical specialty.”

#### *SUPPLY*

We guarantee service quality by using patent and generic medication, domestic and international manufacturing, also disposables to any surgical procedure.

**biossmann®**



## Service Model

*SERVICIO INTEGRAL DE ORTOPEDIA*

### HUMAN TALENT:

- + Surgical scheduler
- + Ware-house personnel
- + Qualified Instrument Technicians

### TECHNICAL EQUIPMENT:

- + Drilling, cutting and imaging equipment.
- + Instruments on availability to the hospital.
- + Implants inventory

### SUPPLIES:

- + Endoprosthetics
- + Osteosynthesis
- + Tissue engineering

## Services

### *OSTEOSYNTHESIS*

Intramedullary rods  
External fixation  
Plates  
Maxillofacial surgery

### *ENDOPROSTHETICS*

Hip  
Knee

### *SPINE SURGERY*

Open Spine Surgery  
Minimally Invasive Spine Surgery

### *ARTHROSCOPY*

Knee  
Shoulder

### *TISSUE ENGINEERING*

Bone chips  
Bone ECM  
Hydroxyapatite

**SIO**

## Biossmann Integral Orthopaedics Service

SIO offers efficient and effective procedures on osteosynthesis, endoprosthetics, spine surgery, arthroscopies and tissue engineering.

## Benefits

- + Productivity increase
- + Zero investment on assets
- + Elimination of inventory management
- + Optimization of economic resources
- + Technical support available 24 hrs
- + Elimination of expenses due to equipment replacement or of overdue or damaged consumables.

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## PRODUCTS

- + Sterilization pouches
- + Nursing procedural equipment
- + Integral Surgical Packages
- + Single-use surgical clothes
- + Procedure masks
- + Therapy and patient care
- + Medical devices for several specialties
- + Wound care management

## Medical Supplies

We commit to prevent nosocomial infections by providing integral surgical packages, nursing kits, and several medical devices used in hospitals and in the OR.

## Our value proposition

### *DISPOSABLE MEDICAL DEVICES*

That contribute significantly for preventing nosocomial infections.

### *SERVICE & SOLUTIONS*

We have the highly skilled personnel that will develop a solution to fit your specific needs.

### *QUALITY*

All our products are manufactured with the strictest quality controls that comply with Good Manufacturing Practices and management Systems bases on ISO13485.

### *COST REDUCTION*

### *PROCEDURE TIME REDUCTION*

***STRONG NATIONWIDE PRESENCE DEVELOPED  
UPON A EFFICIENT SUPPLY CHAIN***

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## Smart Operating Room (Interfaz)

Digital integration by our proprietary system called INTERFAZ. Up to 8 HD visualization screens of 26" and one of 55" INTERFAZ Touchscreen for intuitive control of the OR. 38" Widescreen for ambient monitoring in the OR (Gas Pressures, Temperature, Humidity), and clock with chronometer.

### *Interfaz PACS*

It offers immediate access for the visualization of imaging studies on any of the screens. 55" touchscreen display Adjustment available for several parameters such as brightness, rotation, contrast, and measurement over DICOM images.

### *Signal Routing*

Routing of 8 inputs with 8 outputs. Video streaming and recording from and towards the OR. More than slave screens, we can routing for any imaging in any monitor.

### *Control of devices*

Control of the surgery table and surgical lamps with a single touch. Ambient lighting control by RGBW Ambient music from CD, USB, Bluetooth, Spotify and YouTube Video-calling available anytime Patient data management incorporated to ANESTESYS, our Electronic Anesthetic Record.

### **WORK-FLOW :**

- + Better work flow as there are several screens available on different points.
- + Pendants for the supply of gases, electric outlets, and video ports avoiding misplacing of wires and unnecessary connections.



## Anesthesia Machine Biossmann 13000®

- + The anesthesia unit 13000 is an integrated system designed to Adult and Pediatric modes.
- + Touch panel to quick access and configure of parameters and electronic display of fresh gas flow.
- + Automatic self-test when turned or user request.
- + Monitors all ventilatory parameters whit audio/visual alerts
- + Hypoxic guard system for patients
- + 90 minutes battery backup.
- + Bag to Ventilator switch (One step)
- + Easy of disassembly (no tools)
- + Fully autoclavable and latex-free
- + Working shelf illumination system
- + Ventilation modes: VCV, VCP, PS, SIMV-VC, SIMV-CP
- + Direct communication to Anestesys Systems with the Patient Monitor SV17.

## Patient Monitor Biossmann SV17®

- + 17" high-resolution touchscreen Monitor wide range of patient, from pediatric to adult .
- + Ergonomic design, with easy access to functions customizable by the user.
- + Quick access keys.
- + Get one button access to commonly used functions.
- + Data storage and review chart
- + Patient information management and visualization.
- + Connectivity solution and simple integration to a hospital data network Feature Central Monitoring connectivity function.
- + 120 minutes rechargeable battery backup supporting all monitoring functions.
- + Thermal paper printer, optional. Anestesys Systems communication capability associated to Biossmann 13000 anesthesia machine.
- + Physiological measuring parameters separated by modules, up to 17 different modules.

## Electronic Anesthetic Registry Biossmann Anestesys®

- + First Mexican Electronic anesthetic registry. Automatic registry of patient hemodynamic behavior in real time on the chart.
- + Easy and friendly, with one click functions to capture data.
- + It offers automatic register of all patient perioperative data.
- + The different data entry sections are available to the anesthesiologist whenever he want, according to the procedure, situations and patient characteristics.
- + By the end of the procedure, the anesthesiologist can be sure that all hemodynamic data is present on the chart and can be either printed or available on PDF format.
- + The application can be accessed by any mobile device with a browser and internet connection.
- + Data transfer can be obtained through the Biossmann 13000 anesthesia machine WiFi network.

## Anaesthesia Accessories, Equipment & Products

### Anesthesia Machine Biossmann 13000®

### Patient Monitor Biossmann SV17®

### Electronic Anesthetic Registry Biossmann Anestesys®



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## Surgical Lights

### Biossmann L190 / 70/70<sup>®</sup>

- + Integrated lamp with one, two or three satellites, configurable with camera and / or support for screens.
- + Independent LED light source to illuminate the surgical field.
- + Variation of the surgical field diameter from 19.5 cm to 44.0 cm.
- + Delivers illumination up to 160,000 lux white light.
- + Variation of colour temperature from 3,800 K to 5,000 K
- + Service Life 60,000 hours
- + Touch control panel for on / off, colour temperature variation, variation of illumination and variation of the surgical field.
- + Design of the head with smooth and thin surface, with excellent heat dissipation, that adapts perfectly to the laminar flow of the operating room.
- + Automatic lighting control system.
- + It has the ability to interface and communicate for an intelligent operating room.

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## Ceiling Supply Units

### Biossmann TM3K®, TM6K®

Columns with integrated light at the top and bottom.

Touch Screen Control:

- + Column, Surgical Lamp & Video Camera.
- + Smooth and easy to clean surfaces.
- + Swivel Arms and distribution modules for better workflow inside the operating room.
- + Options: for screens to deploy video signals.
- + Patient lifting system that works as a crane with support up to 200 kg

#### The system has a large number of accessories such as:

- + Fixer for Anaesthesia Machine or Endoscopy carts .
- + Shelf, Drawer with Light, Consumable Storage Basket.
- + Infusion arm that allows infusion pumps and bottles to be assembled.
- + Rail to mount an infusion set bar.

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**ACCESSORIES FOR ALL TYPES OF SURGERY :**

- + Gynaecology
- + Otorhinolaryngology
- + Nephrectomy
- + Neurosurgery
- + Endoscopy
- + Orthopaedics



## Surgical Table

### Biossmann 8050®

- + Facilitate surgical procedures, which provides the best position of the patient and the surgeon.
- + Electro-hydraulic table with base, cover and stainless steel rails.
- + Stable brake design with 4 retractile wheels for safe point base.
- + Radiolucent surface in all sections for the access to the Arc "C".
- + Divided into 6 sections.
- + Maximum patient load capacity 460 kg.
- + Longitudinal shift 480 mm for free access to the "C" arch.
- + Ability to select normal / inverse patient orientation.
- + Table with capacity to give the nephrectomy position.
- + Automatic return function to horizontal position.
- + Emergency system in the column that allows the control of the movements.
- + Electronic system anti-collision of the components.
- + Ability to interface and be controlled by intelligent operating room.

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## values

-  commitment
-  prosperity
-  pasión
-  coherence
-  flexibility
-  innovation
-  bravery

**We are specialist in  
operating rooms**

## Contact



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**Our work  
makes sense**