

# **HOSPITAL & CLINICAL CATALOG**









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Pharma1humanitas holdings ltd provide consultancy for sales all types of hospital equipment, hi-tech medical devices and healthcare products across multiple areas. Our company's business activities can be grouped into several distinct categories:

## **1. Medical consumables products**

#### **Main Applications:**

- Traditional Dressings: Medical dressings used for wound care.
- **Personal Care Products**: Products supporting general hygiene and personal care, likely for patients with medical conditions or elderly individuals.

#### **2. Medical Furniture, Procedural Packs, Medical Devices, And Surgical** Consumables

#### Main Applications:

- **Hemodynamics**: Medical devices related to the study and treatment of blood flow and heart function.
- **Surgery**: A broad Portfolio of surgical tools and consumables, likely including surgical drapes and sterilization supplies.
- Cardiac Surgery: Devices and products specific to cardiac procedures.
- **Anesthesia**: Equipment and consumables used in anesthesia delivery during surgeries or medical procedures.
- **Infusion and Suction Systems**: Devices for fluid administration and removal, often used in critical care or surgical settings.
- **Disposable Drapes**: Single-use sterile covers for surgery.
- **Advanced Dressings**: Wound care products for advanced healing (e.g., hydrocolloid dressings, antimicrobial dressings).
- Lubricating Gel: Medical lubricants used in various applications, such as for procedures involving catheters or endoscopes.





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# **3. Specialist Medical Devices & Medical Instruments For All Hospital** Divisions

Main Applications:

- **Oncology**: Medical devices tailored for cancer care, such as diagnostic or therapeutic tools.
- **Intensive Care**: Devices used in the management of critically patients.
- **Surgery**: General surgical devices and instruments.
- **Chronic Diseases**: Devices aimed at managing long-term conditions, possibly including diabetes care or respiratory devices.
- Cardiology

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# 4. Medical Devices Distribution and consultancy for supply

Pharma1humanitas also has a commercial division dedicated to the export and distribution of a wide array of medical devices across different sectors of healthcare.

- **Medical Devices**: Pharma1humanitas is heavily focused on both the **production** and **sale** of medical devices for various specialized fields.
- Wound Care: The company's offerings in **dressings** and **incontinence products** suggest a significant focus on patient care and rehabilitation.
- **Critical Care and Surgery**: With a Portfolio of products for surgical and critical care settings, Pharma1humanitas provides solutions to enhance patient outcomes in intensive and complex care situations.

# **5.Pharma1humanitas offers a comprehensive suite of products for arthroscopic surgeries, including:**

- **Medical support**: Surgical instruments, power tools, fixation devices (plates, screws, nails).
- **Implants**: Joint replacements, ligament repair devices, and tendon reconstruction systems.
- **Disposables**: Single-use surgical tools like drapes, sutures, and arthroscopic shavers.
- Haemoderivatives Management Hospital Equipment

# **5.1These products cater to a wide Portfolio of arthroscopic specialties, including:**

- **Elbow and Shoulder**: For repairing tears, arthritis, and other joint issues.
- **Hip and Knee**: For ligament and cartilage repair, joint stabilization, and prosthetic replacement.
- **Foot and Ankle**: For joint debridement, fracture fixation, and tendon reconstruction.
- **Hand and Wrist**: For ligament repair, fracture management, and joint



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# 6.Pharma1humanitas Provides A Wide Portfolio Of Specialized Products That Are Essential For Managing Critically Patients Across Various Areas Of Critical Care:

- Airway Management And Tracheostomy Care For Respiratory Support.
- Infusion Systems For Precise Fluid And Medication Delivery.
- Pain Management Solutions For Managing Acute And Chronic Pain.
- **Point Of Care Devices** For Real-Time Diagnostics And Monitoring.
- **Invasive Blood Pressure Monitoring** Tools For Precise Cardiovascular Monitoring.
- Surgical Products For Critical Care Procedures.
- **Temperature Management** Devices For Managing Patient Body Temperature.
- Vascular Access Solutions For Safe And Reliable Access To The Circulatory System.

This Comprehensive Portfolio Of Products Addresses Critical Care Needs In Emergency, Surgical, And Intensive Care Settings, Ensuring That Healthcare Providers Have The Tools Necessary To Deliver Optimal Care In Life-Threatening Situations.

#### 7.Pharma1humanitas Provides An Extensive Portfolio Of Products That Cater To Various Aspects Of Interventional Cardiology And Radiology, Including:

- **Coronary Intervention**: Devices For Stenting, Angioplasty, And Coronary Artery Support.
- **Peripheral Intervention**: Products For Treating Peripheral Arterial Disease (Pad), Including Balloon Catheters, Stents, And Guide Wires.
- **Vessel Closure**: Technologies For Sealing Vessels Post-Procedure Using Clips Or Sutures.
- **Carotid Intervention**: Products For Treating Carotid Artery Disease, Including Stent Systems And Embolic Protection.
- **Contrast Media Delivery**: Systems For Delivering Contrast Agents During Imaging Procedures.
- **Ffr Systems**: Advanced Diagnostic Tools For Evaluating Coronary Artery Health And Aiding In Decision-Making During Interventional Procedures.



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8.Our hospital electromedical products distributed by pharma1humanitas holdings Itd are devices used in hospital environments for diagnostic, therapeutic or patient health monitoring purposes. These devices are essential for the proper functioning of healthcare facilities, ensuring rapid and precise diagnoses, continuous monitoring of patient conditions, and effective treatment of various pathologies. Here is an overview of the main types of hospital electromedical products:

## 8.1 Monitoring equipment

- Multiparameter monitors: Used for continuous monitoring of the patient's vital parameters, such as heart rate, blood pressure, oxygen saturation (SpO2), body temperature, respiration, etc.
- ECG (electrocardiogram): Devices for monitoring the electrical activity of the heart, essential for the diagnosis of arrhythmias and other cardiac pathologies.
- Pulse oximeters: Used to measure the amount of oxygen in the blood, a crucial parameter for patients with respiratory problems.

# 8.2 Therapy equipment

- Adult Lung ventilators: Used to help patients with breathing difficulties, especially in cases of respiratory failure or during surgery under anesthesia.
- Defibrillators: Devices used to restore the heart to a normal beat in cases of ventricular fibrillation or arrhythmia by delivering a targeted electrical shock to the heart.
- Infusion pumps and volumetric infusers: Used to administer fluids, medications, or nutrition to patients in a controlled manner.

# 8.3 Diagnostic imaging

- Magnetic resonance imaging (MRI): Devices that use magnetic fields and radio waves to create detailed images of the body's organs and tissues.
- Computed tomography (CT): Used to obtain high-resolution, threedimensional images of internal structures in the body, useful for diagnosing malformations, trauma, tumors, and other diseases.
- Ultrasound scanners: Ultrasound devices used to examine organs and tissues in real time. They are particularly useful for monitoring pregnancy, heart and vascular diseases, and abdominal problems.



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### 8.4. Sterilization and disinfection devices

- Steam sterilizers: Used to sterilize surgical instruments, devices, and consumables using high-temperature steam.
- Autoclaves: Similar to steam sterilizers, they are used to ensure the sterility of medical instruments and surgical materials.
- UV germicidal lamps: Used to disinfect air, surfaces, and common areas to prevent the spread of nosocomial infections.

#### 8.5. Physical therapy and rehabilitation devices

• Therapeutic ultrasound: Used to treat inflammation, muscle and joint injuries, promoting tissue healing.

#### 8.6. Life support devices

- Oxygen therapy systems: Devices that provide supplemental oxygen to patients who need it, such as those with lung disease or in critical condition.
- Non-invasive ventilation devices (CPAP/BiPAP): Used primarily to treat patients with sleep apnea or non-severe respiratory failure.

#### 8.7. Devices for surgery and interventions

- Endoscopes: Optical instruments used to look inside body cavities, such as the stomach, intestines, lungs or bladder, without the need for invasive surgery.
- Robotic surgical instruments: Robot-assisted surgery systems, which allow for more precise and minimally invasive interventions.

#### **Regulation and safety**

Hospital electromedical devices are subject to rigorous regulations and safety standards. In Europe, for example, they are regulated by the Regulation (EU) 2017/745 on Medical Devices (MDR), which ensures that all devices are safe, effective and of high quality. Each device must be certified by notified bodies to ensure compliance with the required standards.





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# ANAESTHESIA, RESPIRATORY CARE, AND AIRWAY MANAGEMENT PRODUCT PORTFOLIO

# **1.** Complete Intubation Systems

- **Endobronchial Tubes**: Tubes used for selective ventilation of one lung, often in surgeries that require lung isolation.
- **Endotracheal Tubes**: Tubes placed into the trachea for mechanical ventilation or to secure the airway.
- **Tracheostomy Tubes**: Tubes inserted into the trachea for long-term airway support, often for patients with chronic respiratory failure.



# 2. Laryngeal Masks

• Laryngeal Mask Airway (LMA): A device used as an alternative to endotracheal tubes for maintaining an airway during anesthesia. It is particularly useful in patients with difficult airways.







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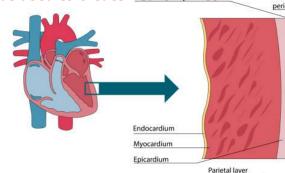


# **Pericardial Bioprosthesis**



Tri-leaflet design: pericardial bioprostheses typically use a tri-leaflet design, which mimics the natural aortic valve structure with three cusps (leaflets) that open and close in response to blood flow. this design is effective at ensuring unidirectional blood flow and minimizing turbulence. a pericardial bioprosthesis is a type of biological heart valve used in heart valve replacement surgery, constructed from animal pericardium tissue typically bovine (cow) pericardium. the pericardium is the membrane that surrounds the heart, and when it is treated appropriately, it becomes a durable, flexible, and biocompatible material that can be used to create heart.valves.







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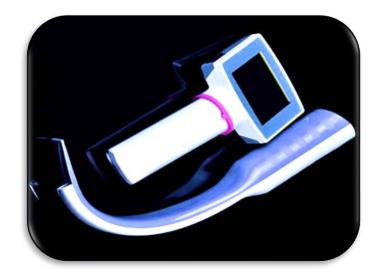


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#### 3. Video Laryngoscopes

• **Video Laryngoscope**: A device used to visually guide the placement of an endotracheal tube. It improves intubation success, particularly in challenging cases where traditional laryngoscopy might be difficult.



### 4. Mechanical Ventilation

• **Ventilators**: Machines used to assist or replace breathing in patients who are unable to breathe adequately on their own, including in critical care and surgery settings.





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#### 5. Suction Catheters

 Suction Catheters: Flexible tubes used to remove fluids, secretions, or debris from the airway or other parts of the body (e.g., oral, tracheal suctioning).



### 6. Anesthesia Breathing Circuits

• **Breathing Circuits**: Tubing systems that deliver anesthetic gases from the anesthesia machine to the patient's airway. These can be single-use or reusable.

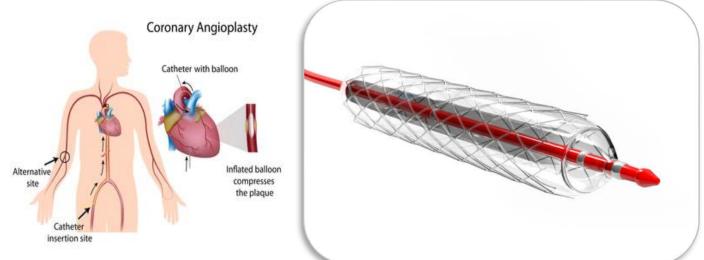












Pharma1humanitas holdings ltd sales different models of medical devices hospital & surgical products sourced from different certified factories. Therefore we supply Balloon Dilatation Catheter; the best medical device primarily used in interventional procedures to dilate or widen narrowed or obstructed blood vessels, often in the context of angioplasty. It is commonly used in cardiology, but can also be applied in other areas such as the treatment of narrowed arteries in peripheral vascular disease or even in urology for certain types of blockages.



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#### 7. Anesthesia Masks

• **Anesthesia Masks**: Face masks used to deliver anesthetic gases and oxygen to the patient during the induction of anesthesia or for continuous administration of gases.



### 8. Arterial Blood Gas (ABG) Systems

• **ABG Monitoring Systems**: Equipment used to measure blood gases such as oxygen (PaO2), carbon dioxide (PaCO2), and pH levels. These are essential for monitoring respiratory function and acid-base balance.





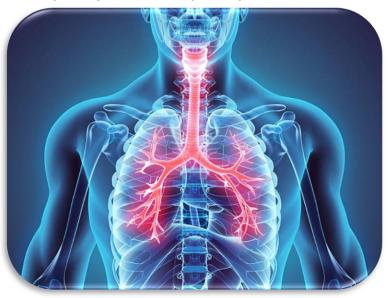
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#### 9. Bronchial Hygiene Products

• **Bronchial Hygiene**: Products designed to help clear the airways of mucus or other blockages, particularly in patients with chronic obstructive pulmonary disease (COPD) or other respiratory conditions.



#### **10. Lung Expansion Products**





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- Active Humidifiers: Devices that add moisture to the air, helping prevent dryness in the airway and improving respiratory function, especially for mechanically ventilated patients.
- **Passive Humidifiers**: Devices that humidify inspired air without the active addition of moisture.
- **Nebulizers**: Devices used to turn liquid medications into a mist for inhalation, commonly used for treating respiratory conditions such as asthma or COPD.



# **12. Open and Closed Suction Catheters**

- **Open Suction Catheters**: Suction devices used to clear the airways (often in patients who are intubated or have tracheostomies).
- **Closed Suction Catheters**: Catheters that allow suctioning without disconnecting the ventilator, providing a safer option for patients on mechanical ventilation.





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#### 13. Oxygen/Aerosol Masks

- **Oxygen Masks**: Masks designed to deliver supplemental oxygen to patients.
- **Aerosol Masks**: Masks used to deliver aerosolized medications, often used in the treatment of respiratory conditions like asthma.



# 14. Cannulas, Tubing, and Small Volume Nebulizers

- **Cannulas**: Devices used for oxygen delivery (nasal cannulas) or venous access (IV cannulas).
- **Tubing**: Various tubes used for the administration of oxygen, anesthetic gases, or other treatments.
- **Small Volume Nebulizers**: Devices used for delivering small doses of aerosolized medication, often for inhalation therapy.







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# 15. Non-Invasive Ventilation (NIV)

• **NIV Devices**: Non-invasive ventilation equipment, such as **BiPAP** (bilevel positive airway pressure) and **CPAP** (continuous positive airway pressure) devices, used to treat patients with respiratory insufficiency without the need for intubation.



# 16. CPAP Therapy (Helmets, Masks)

- **CPAP Masks**: Masks used in CPAP therapy, particularly for patients with **sleep apnea** or other forms of obstructive sleep apnea.
- **CPAP Helmets**: Used in certain cases to provide continuous positive airway pressure to the patient's entire face or head.









# Interventional Cardiology & Radiology Product Portfolio

## 17. Anaesthetic Agent Delivery and Recycling Systems

- **Anesthesia Gas Delivery**: Systems used to administer precise doses of anesthetic gases to patients.
- Recycling Systems: Equipment that recycles and reuses anesthetic gases, helping reduce environmental impact and provide cost-effective anesthesia delivery.





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# Interventional Cardiology & Radiology Product Portfolio

## **1.** Coronary Intervention

These products are designed for **coronary artery interventions** such as angioplasty, stent placement, and other procedures aimed at treating coronary artery disease (CAD).

- **Bleedback Control Valve**: A device used to control and manage bleeding during coronary interventions, ensuring a secure and controlled procedure environment.
- **Coronary Dilatation Catheters**: Balloons used for **angioplasty** to dilate narrowed or blocked coronary arteries, improving blood flow to the heart.
- **Coronary Drug-Eluting Stents (DES)**: Stents coated with a drug that helps prevent restenosis (re-narrowing of the artery) by slowly releasing medication after placement.
- **Coronary Guide Wires**: Flexible wires used to guide the placement of other devices, such as dilatation catheters and stents, through the coronary arteries.
- **Coronary Stent Grafts**: A type of stent designed with a graft to treat coronary artery diseases, particularly those involving larger or more complex arterial lesions.
- **Coronary Stents**: Metal mesh tubes used to keep the coronary arteries open after angioplasty, preventing restenosis and improving blood flow to the heart.







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# Interventional Cardiology & Radiology Product Portfolio

# 2. Peripheral Intervention

These products are used in **peripheral artery interventions**, particularly in treating peripheral arterial disease (PAD), which affects arteries outside the heart (e.g., legs, arms, and other peripheral vessels).

- **Peripheral & Biliary Self-Expanding Stent Systems**: Stents designed for use in peripheral vessels and biliary ducts. These self-expanding stents are used to open blocked arteries and bile ducts.
- **Peripheral Balloon Expandable Stent Systems**: These systems use balloons to expand stents in peripheral arteries, helping to treat stenosis or blockages in the peripheral vascular system.
- **Peripheral Dilatation Catheters**: Balloon catheters used to dilate or expand narrowed or blocked peripheral arteries, similar to coronary dilatation catheters, but designed for the peripheral vascular system.
- **Peripheral Drug-Eluting Stents**: Stents coated with drugs that help reduce restenosis and inflammation in peripheral arteries by gradually releasing the medication over time.
- **Peripheral Guide Wires**: Guide wires used in peripheral interventions to help navigate the vascular system and support the placement of dilatation catheters and stents.







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# **Interventional Cardiology & Radiology Product Portfolio**

### 3. Vessel Closure

Vessel closure devices are used to seal blood vessels after catheterization procedures, such as angiograms or percutaneous interventions.

- **Clip Closure**: A closure system that uses a mechanical clip to seal the puncture site in the vessel after a catheterization procedure.
- **Suture-Mediated Closure**: Devices that use sutures to close puncture sites in blood vessels following catheterization or interventional procedures.







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# Interventional Cardiology & Radiology Product Portfolio

## 4. Carotid Intervention

Carotid artery interventions are performed to treat blockages or narrowing in the carotid arteries, which supply blood to the brain. These interventions can reduce the risk of stroke.

- **Carotid Artery Stent Systems**: Stent systems specifically designed to treat **carotid artery stenosis**, reducing the risk of stroke by keeping the carotid artery open and allowing normal blood flow to the brain.
- **Embolic Protection Systems**: Devices used to protect the brain during carotid interventions by capturing or filtering debris that could cause a stroke.







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# **Infusion hospital & clinical kit**

- ✓ Infusion Disposable Systems: These are single-use systems for administering fluids, medications, or nutrients directly into a patient's bloodstream through an IV line. These systems are crucial for a Portfolio of medical treatments and are designed to ensure precise, safe, and sterile delivery.
- Ambulatory Pumps Disposable: These portable, battery-operated pumps are used for continuous infusion of medications, allowing patients to receive treatment while still being mobile. The disposability of these pumps likely ensures both convenience and sterility.
- I.V. Disposables: This could refer to a variety of disposable components used in intravenous therapy, such as IV catheters, administration sets, and other sterile supplies necessary to safely deliver intravenous fluids and medications.
- Syringe Pumps: These are devices that provide precise control over the infusion of medications from a syringe. They're often used for small-volume or high-precision drug delivery and are common in critical care settings, anesthesia, and oncology.
- Peripheral Arterial and Venous Cannulation Kits: are designed to meet the specific needs of healthcare professionals performing peripheral cannulation procedures. These kits provide everything necessary for the quick, precise, and safe insertion of arterial and venous cannulae, optimizing both the surgical experience and operational efficiency.

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#### **Pain Management Products**

- 1. **Combined Epidural/Spinal Anesthesia**: This technique combines both epidural and spinal anesthesia, offering effective pain relief during surgeries and labor. It provides both rapid onset and prolonged pain relief by delivering medication to both the epidural and subarachnoid spaces.
- 2. **Spinal Anesthesia Trays**: Pre-assembled trays containing all the necessary equipment for performing spinal anesthesia. These trays help streamline the procedure, ensuring that all components are sterile and readily available for quick and efficient administration.
- 3. **Epidural Anesthesia Trays**: Similar to spinal anesthesia trays but specifically for epidural procedures. Epidural anesthesia is commonly used in labor and delivery or for postoperative pain management.
- 4. **Epidural Catheters**: These are flexible tubes inserted into the epidural space to deliver pain-relieving medications (such as local anesthetics or opioids). They're used for continuous or intermittent pain relief, especially during labor, surgery, or in postoperative care.
- 5. **Lumbar Puncture**: A procedure where a needle is inserted into the lumbar region of the spine to collect cerebrospinal fluid (CSF) for diagnostic testing or to administer anesthesia or medication. Your products may include sterile kits for lumbar puncture procedures, which are essential for diagnosis and certain types of pain management.
- 6. **Ambulatory Pump Disposables**: These disposable pumps are used for controlled, continuous delivery of pain medication, often in the form of patient-controlled analgesia (PCA). These pumps are portable, allowing patients to manage their pain relief while maintaining mobility.
- 7. **Medication Safety and Infusion Management Software**: This software helps healthcare providers ensure safe and effective medication delivery through infusion pumps and pain management systems. It likely includes features like dose tracking, error reduction, and real-time monitoring of infusion parameters to prevent mistakes and improve patient outcomes.
- 8. **Peripheral Nerve Blocks**: These are procedures where local anesthetics are injected near specific nerves to block pain in a targeted area of the body, often used for pain relief during surgery or after an injury. Your products may include kits or devices to assist in performing these blocks safely and effectively.







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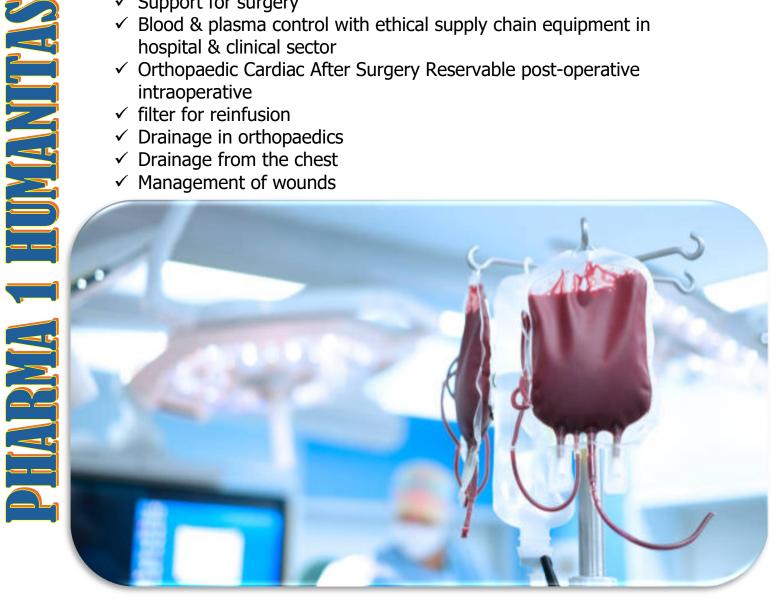






# We provide a wide Portfolio of equipment and items that address wound care, blood management, and surgery:

- $\checkmark$  Support for surgery
- ✓ Blood & plasma control with ethical supply chain equipment in hospital & clinical sector
- ✓ Orthopaedic Cardiac After Surgery Reservable post-operative intraoperative
- ✓ filter for reinfusion
- ✓ Drainage in orthopaedics
- $\checkmark$  Drainage from the chest
- ✓ Management of wounds







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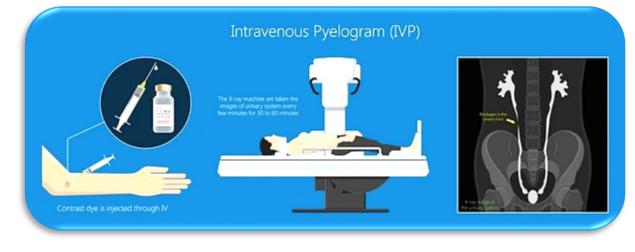




### 5. Contrast Media Delivery Systems

These systems are used for the controlled delivery of contrast agents during imaging procedures (e.g., angiography) to enhance the visibility of blood vessels and other structures.

• **CVi Contrast Delivery System**: A specific contrast media delivery system designed to safely and efficiently deliver contrast agents during cardiovascular procedures, improving imaging and diagnostic accuracy.



# 6. RXi Rapid Exchange FFR System

• **RXi Rapid Exchange FFR System**: A system used for measuring **Fractional Flow Reserve (FFR)**, which helps assess the severity of coronary artery blockages. This system allows for faster and more accurate diagnosis and decision-making during coronary interventions.





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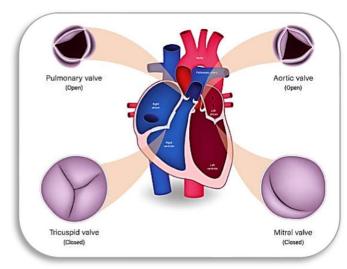




# 1. Pericardial Heart Valves

- Pericardial Heart Valves: These are bioprosthetic heart valves made from tissue (usually from the pericardium, the membrane surrounding the heart) and used in valve replacement surgeries. They are designed to treat heart valve diseases (such as aortic or mitral valve stenosis or regurgitation) by replacing the damaged valves with natural tissue that mimics the function of a healthy valve.
  - Advantages: Pericardial valves often have a longer lifespan than other bioprosthetic valves (such as bovine valves) and are associated with lower rates of calcification.







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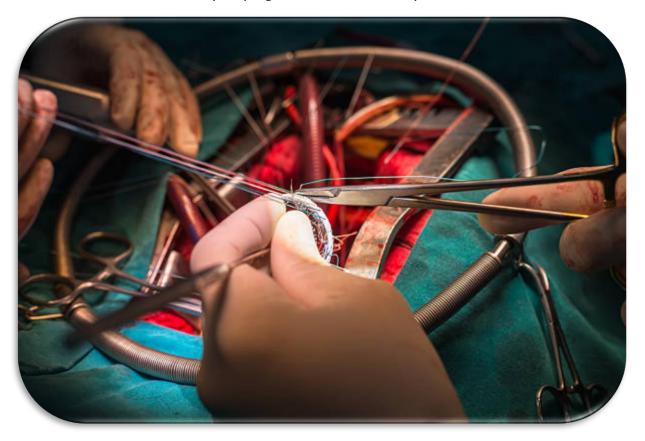


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## 2. Annuloplasty Rings

- Annuloplasty Rings: These are used in heart valve repair surgery, particularly for treating mitral valve or tricuspid valve insufficiency or regurgitation. The annuloplasty ring is sewn around the annulus (the base of the valve) to reshape and reinforce the valve, restoring its function and preventing further regurgitation.
  - **Types**: There are **rigid** and **flexible annuloplasty rings** designed for different surgical techniques and patient needs.
  - **Function**: The ring helps the heart valve to close properly and ensures that the heart's pumping function is not compromised.







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## 3. Minimal Incision Valve Surgery

- **Minimal Incision Valve Surgery**: This refers to **minimally invasive heart valve surgery** techniques, in which surgeons perform heart valve repair or replacement through a **smaller incision** rather than the traditional large chest incision (sternotomy).
  - **Benefits**: This approach reduces recovery time, lowers risk of infection, and minimizes scarring.
  - **Application**: It can be used for **mitral valve repair**, **aortic valve replacement**, or other valve surgeries.
  - Technologies Involved: Advanced surgical tools, endoscopic visualization systems, and specialized instruments for valve repair or replacement via a small incision or through the side of the chest (minimally invasive access).





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## 4. Oxygenators

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- **Oxygenators**: These are key devices used in **cardiac surgery**, especially during **cardiopulmonary bypass** (CPB). They function as a temporary **artificial lung** to oxygenate the blood and remove carbon dioxide when the heart is stopped during surgery.
  - **Types**: There are **membrane oxygenators** and **bubble oxygenators**, with membrane oxygenators being more commonly used in modern procedures due to their higher efficiency and reduced risk of embolism.
  - Application: Used in procedures such as open-heart surgery, heart transplants, or coronary artery bypass grafting (CABG).







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## 5. Cardiac Cannulae

- **Cardiac Cannulae**: These are specialized tubes used in **cardiopulmonary bypass (CPB)** to divert blood from the heart during surgery and return it after oxygenation by the **oxygenator**.
  - Types: Venous cannulae for draining blood from the body and arterial cannulae for reintroducing oxygenated blood into the circulatory system.
  - Function: Cannulae allow the surgeon to stop the heart temporarily while maintaining blood flow to the body and brain. They are critical for maintaining circulatory support during complex surgeries like valve replacements or coronary artery bypass surgeries.









# **Arthroscopy Product Portfolio**

**Pharma1humanitas Holdings Ltd.** offers a comprehensive Portfolio of products in **Arthroscopy**—a minimally invasive surgical technique used for diagnosing and treating joint problems.Our British company offerings cover a wide array of medical devices including **hospital equipment** & **implants**, **medical consumables**, and **blood hospital management equipment**. These products cater to a variety of specialties within orthopaedic surgery, particularly for the treatment of joint and musculoskeletal disorders.Here's a breakdown of the **Arthroscopy product Portfolio** and the **specialties** Pharma1humanitas:

**1. Hospital & clinical Equipment**These products are essential for performing arthroscopic procedures, which involve the use of specialized instruments to visualize, diagnose, and treat issues inside the joint.

- **Instruments**: Specialized tools such as **scalpels**, **scissors**, **shavers**, and **surgical probes** that are used during arthroscopic surgery.
- **Power Tools**: High-precision tools like **drills**, **saw blades**, and **reamers** used to cut, shape, and remove bone or tissue during arthroscopy.
- Plates, Screws, Nails, Fixation Devices: Used for fracture fixation, bone stabilization, and soft tissue repair during surgery. These include titanium plates, screws, and nails, as well as more specialized devices like locking plates for secure fixation.





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# **Arthroscopy Product Range**

# 2. Implants

Implants are used to replace damaged cartilage, bone, or other joint structures, or to support healing after procedures like ligament repairs.

- Joint Implants: Includes knee and hip joint prostheses, as well as shoulder and elbow implants designed for patients with severe joint degeneration or trauma.
- Ligament and Tendon Repair Implants: Implants used for reconstructing or stabilizing ligaments and tendons, such as ACL (anterior cruciate ligament) reconstruction implants and rotator cuff repair systems.







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# **Arthroscopy Product Range**

3. Disposables Disposable products are single-use items that ensure sterility and support the surgical procedure, improving safety and efficiency.

- Surgical Drapes and Gowns: Sterile coverings used during arthroscopic • procedures to prevenite contamination.
- Needles and Sutures: Used for tissue sampling, joint drainage, or soft tissue repair.

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4. Plasma storage refrigerators for cold chain







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# **Arthroscopy Product Range**

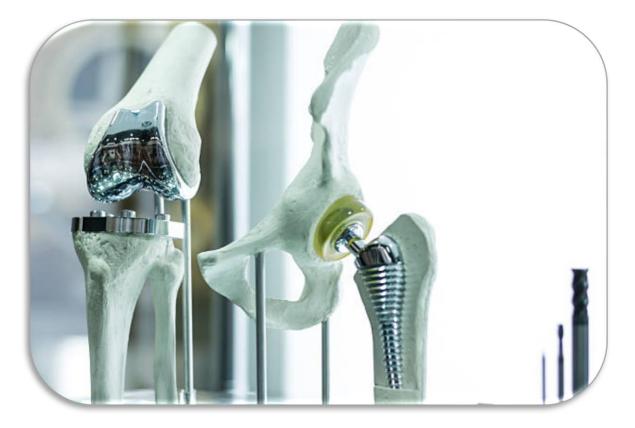
# 2. Hip and Knee

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- Hip Arthroscopy: Used for treating hip impingement, labral tears, and femoroacetabular impingement (FAI). Instruments are designed for cartilage repair, osteochondral grafting, and ligament reconstruction.
- Knee Arthroscopy: Used for treating ACL tears, meniscal tears, chondral defects, and knee joint injuries. Includes knee shavers, reconstruction devices, and implant systems.

Specialties Served by Pharma1humanitas in Arthroscopy

Pharma1humanitas offers a full suite of arthroscopic products and services for a wide Portfolio of joint specialties







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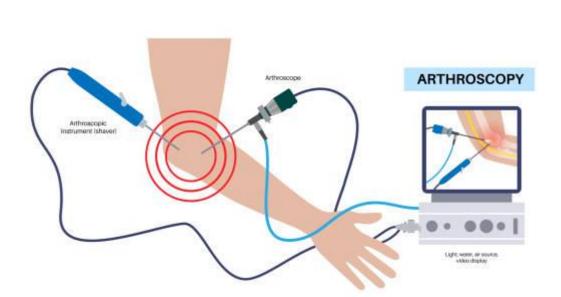
#### **Arthroscopy Product Range**

#### 3. Foot and Ankle

- Foot and Ankle Arthroscopy: Employed for treating arthritis, tendon injuries, bunion deformities, and ligament sprains. Tools are designed for joint debridement, osteotomy, and ankle stabilization.
- **Minimally Invasive Foot Surgery**: Instruments for treating conditions like **plantar fasciitis** and **bunionectomy**, with a focus on faster recovery and reduced pain.

#### 4. Hand and Wrist

• Hand and Wrist Arthroscopy: This includes arthroscopic procedures for treating wrist arthritis, ligament injuries, carpal tunnel syndrome, and fractures. Devices are used for joint debridement, tendon repair, and ligament reconstruction.







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Pharma1humanitas holdings ltd offer a comprehensive selection of high-quality laparoscopic instruments, designed to meet the demands of modern surgical procedures. Choose from our single-use packs for convenience and safety, or select from our expertly curated laparoscopic sets for a complete surgical solution. Each instrument is engineered for precision, durability, and ease of use, ensuring optimal performance in every procedure.







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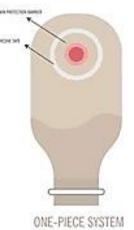


#### **Dressing Equipment**

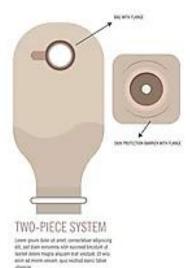
Introducing our innovative integrated colostomy bag, specially designed to offer superior comfort and security for individuals with bulges, hernias, or protrusions. Featuring inverted convexity, this colostomy bag provides a snug, secure fit, helping to prevent leaks and skin irritation by ensuring better contact with the skin around challenging areas.



#### COLOSTOMY-POUCH TYPES









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The surgical wound plaster it is an advanced technology used in dressings in hospital and emergency scenario, especially post-operatively. Surgical sterilized hi-tech patch material is a type of synthetic gauze, creating a healthy environment that promotes faster healing and reduces the risk of complications.

Key benefits of the advanced dressing with Surgical sterilized hi-tech patch technology for surgical wounds:

Infection reduction: The gel created by Surgical sterilized hi-tech patch technology helps maintain a sterile environment and reduces the risk of contamination, protecting the wound from external bacteria and reducing the likelihood of infection.

Moisture control: By maintaining a moist environment, this dressing promotes optimal healing, reducing the risk of dryness or peeling, which could slow the healing process.

Blister prevention: Because the gel absorbs excess fluid, it minimizes the risk of blistering or bullae, which are a common problem in surgical wounds that tend to produce abundant secretion.

Comfort: Fluid absorption reduces the need for frequent dressing changes, increasing patient comfort and reducing pain from dressing removal.

Barrier against contamination: The Surgical sterilized hi-tech patch material also acts as a physical barrier, protecting the wound from harmful external agents such as dust, bacteria and other environmental contamination.

Ease of removal: The dressing can be removed without damaging the tissue, reducing the risk of trauma to the wound and pain for the patient during dressing changes.



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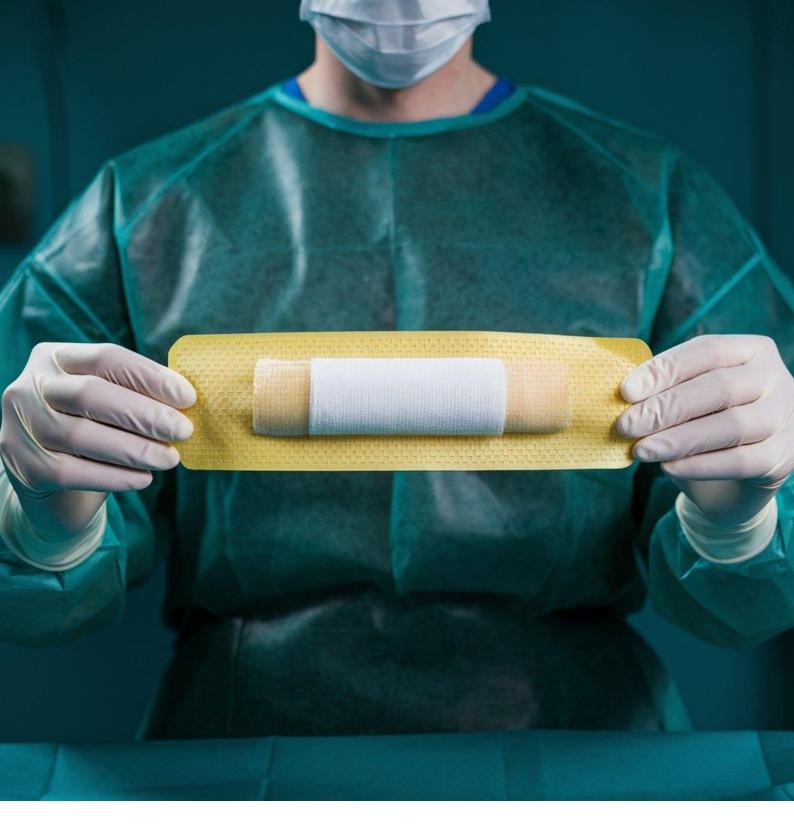
THE SURGICAL WOUND PLASTER DRESSING IS PARTICULARLY USEFUL IN POST-OPERATIVE WOUNDS FOR ITS ABILITY TO ABSORB EXCESS FLUID, REDUCE INFECTION AND PREVENT BLISTERING, THUS CONTRIBUTING TO FASTER, SAFER AND MORE EFFECTIVE HEALING.







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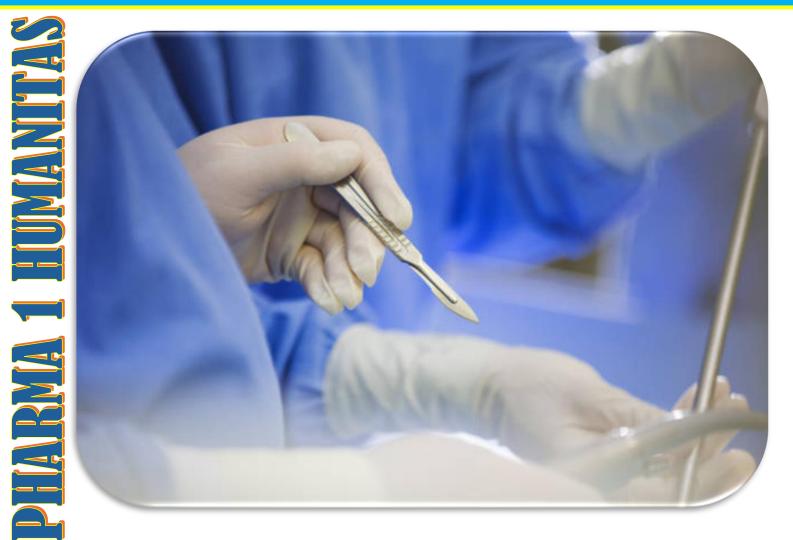




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# **STERILE DISPOSABLE SCALPELS**





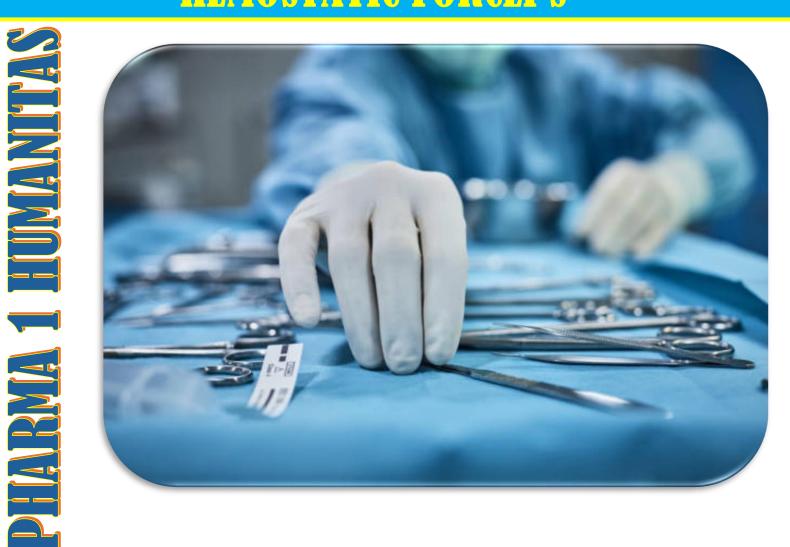


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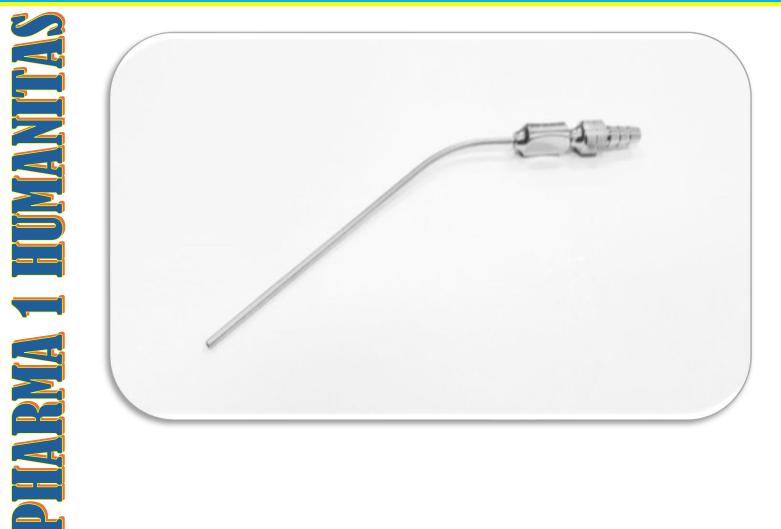




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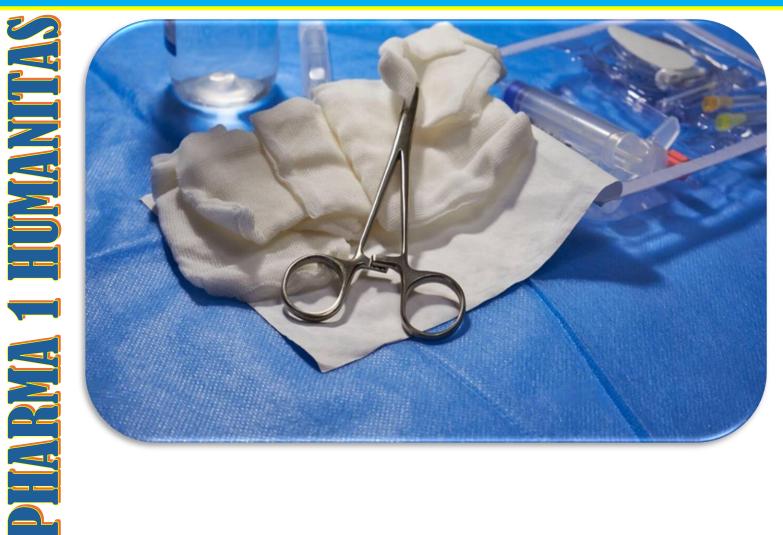




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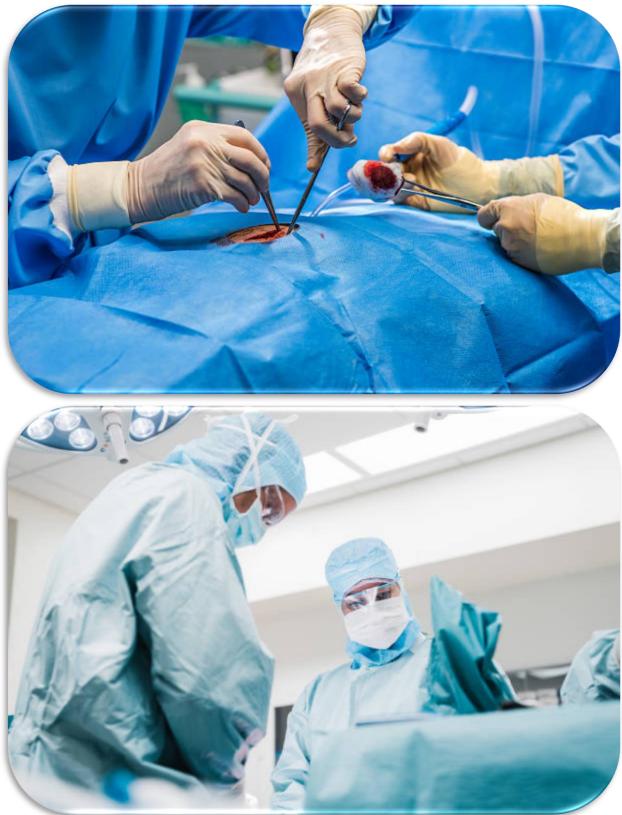


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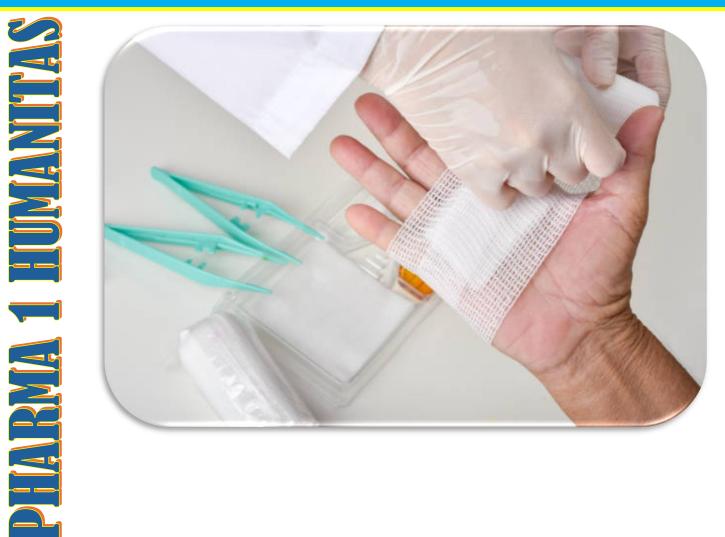


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Our Hydrogel Surgery Gel is designed for use in a variety of surgical interventions. Its advanced formulation provides superior moisture retention and creates an optimal environment for healing. The gel is biocompatible, minimizing the risk of irritation or adverse reactions. It's widely used for wound care, tissue lubrication, and as a medium for specific minimally invasive surgeries, where precise, gentle handling is required.







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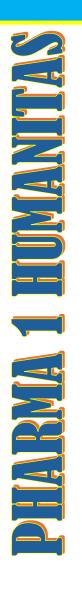




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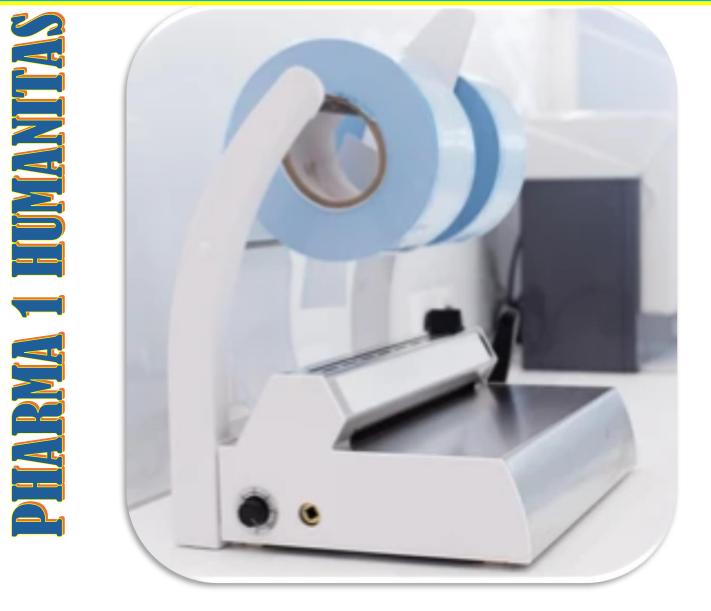




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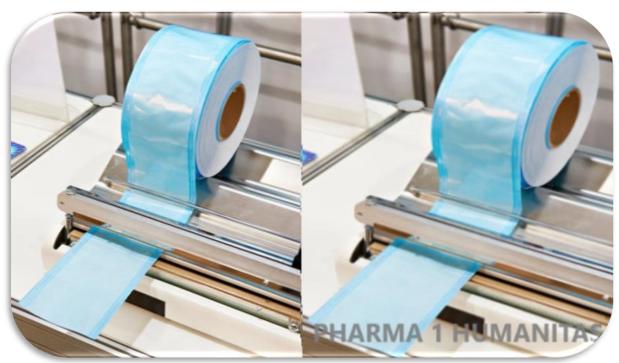
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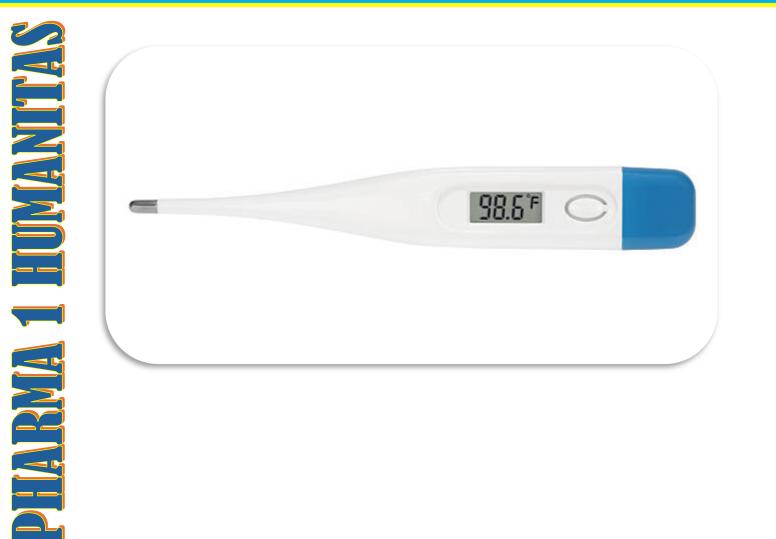


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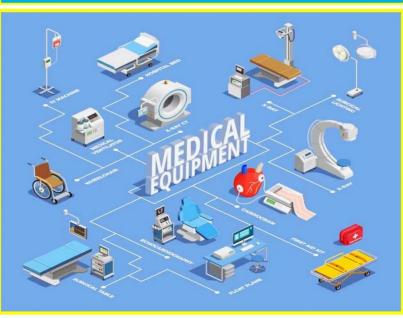




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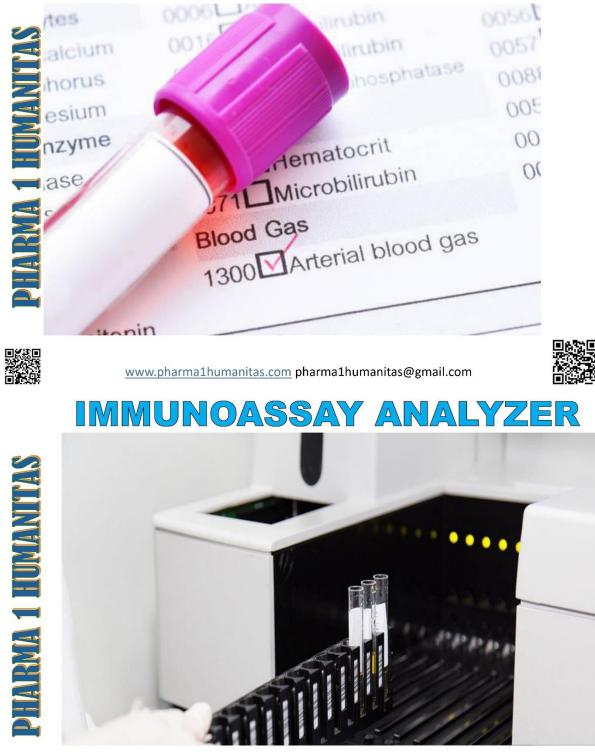


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