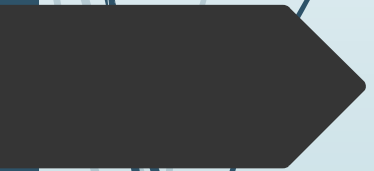




DISPOSABLE SURGICAL DRAPES AND CLOTHES



Our company was founded in 2000.

The company Zdravmedtekh produces a wide range of medical and surgical gowns, medical drapes, specialized operating sets used to provide high-tech medical care.

Production areas, qualifications and experience of the staff of the company, advanced equipment, reliable technology and materials has enabled the company to carry out high quality products meeting the requirements of EN 13795.

Products of the company are certified for the compliance with the European Union Directive 93/42/EEC «Medical Device» and comply with the European standards of health and safety, as evidenced by the CE mark.

The company successfully uses

- certified quality management system in accordance with ISO 9001, ISO 13485 and
- a system of continuous quality control at all stages of the production.

The basis the long-term policy of Zdravmedtekh company is introduction into medical practice of modern surgical drapes and surgical garments that meet the requirements of modern medical technology.

The company Zdravmedtekh produced a wide range of medical and surgical clothes and drapes, specialized surgical sets for high-tech medical aid.



Surgical Gowns

- Basic Protection
- Special Protection

Surgical drapes

- General surgery
- Laparoscopy/laparotomy surgery
- Cardio-vascular surgery
- Neuro surgery
- Traumatic surgery / orthopedic surgery,
- Ophthalmology surgery
- Obstetrics/genecology/urology surgery

1

You are aspiring to increase the efficiency and safety of medical care

2

You want to protect personnel and patients in operating rooms and hospitals, reduce professional risks

3

You want to increase the amount of high-tech medical care

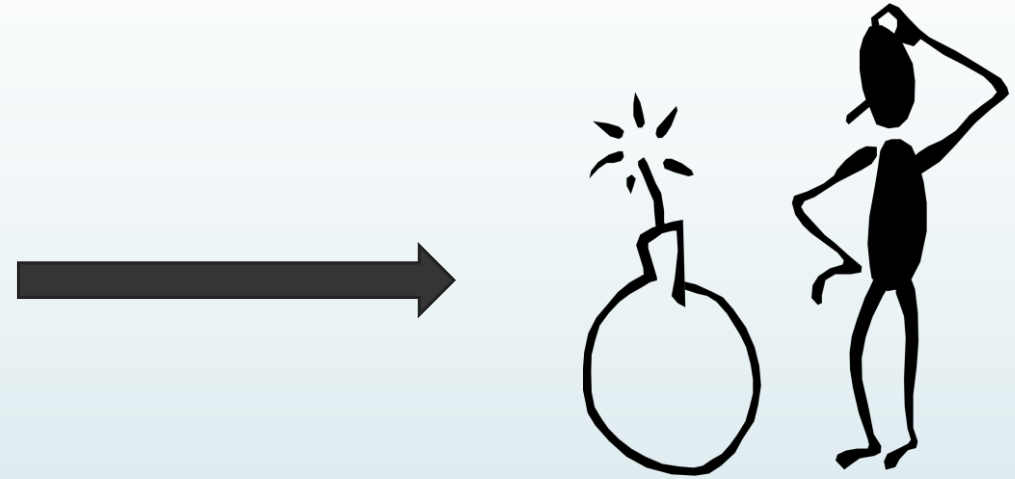
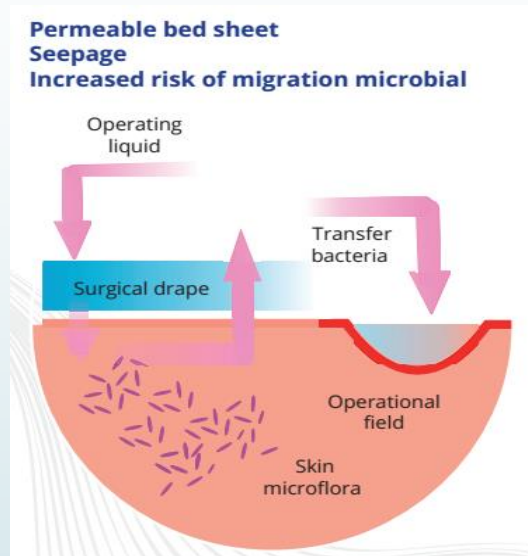
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You want to reduce the cost of health care and non-core activities

5

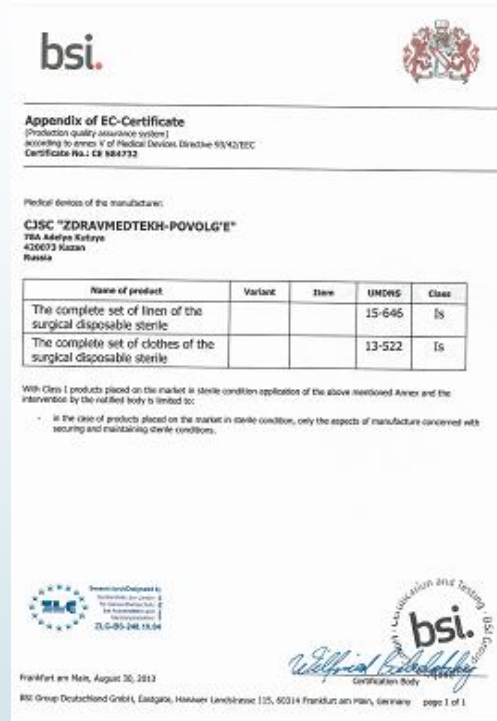
You need personalized solutions to your exact requirements

In recent years the problem of nosocomial infections assumed special significance due to increase in frequency and severity of postoperative complications. Most of postoperative surgical infections occur during surgery, when there is a possibility of intrusion of microorganisms into the open wound.



Disposable wear and specialized surgical clothes are used more and more widely in medical institutions. It improves the results of medical care, reducing the number of septic complications up to 30%. In order to provide disposable surgical drapes and gowns of required quality, a number of directives and standards with detailed requirements for this production were drafted in Europe. Standard EN 13795 specifies the essential requirements to consider surgical drapes and gowns safe and suitable for surgical use. It contains general regulations relating to the specification for disposable surgical gowns and drapes used as medical devices for patients, clinical staff and equipment. It also states the production and processing requirements for surgical drapes and gowns and requirements for information that the manufacturing or processing enterprise shall provide to the users in addition to the standard marking of medical devices.

Products are certified and comply with the European Union Directive 93/42/EEC «Medical Device» and European Standards of health and safety, as evidenced by the CE mark.



The company successfully uses

- certified quality management system in accordance with ISO 9001, ISO 13485;
- A system of continuous quality control at all stages of production.



Execution of standards and a set of norms for surgical gowns and drapes leads to important changes in the medical profession and the medical industry.

For patients	<ul style="list-style-type: none">➤ More protection and security➤ Nosocomial infections reduction➤ Reduction of post-operative complications
For hospitals	<ul style="list-style-type: none">➤ Quality assurance➤ Help with product selection➤ Personal protection
For manufacturers	<ul style="list-style-type: none">➤ Quality assurance➤ Clear quality criteria

Medical devices are produced in compliance with EN 13795 and meets its requirements that specify the characteristics of surgical gowns and surgical cover material as well as disposable wear kits for sterile rooms, which are used by the patients, medical staff and for the equipment in order to prevent pathogenic infectious diseases transfer from patients to surgical personnel during surgical and other invasive procedures.

For surgical gowns and drapes production the company uses modern high-tech non-woven materials produced in European Union and the Russian Federation. In order to provide safety of the surgical clothes and drapes for the patient and the medical staff, the characteristics of such products shall comply with certain standard characteristics values:

- Dry\wet tensile strength
- Tear strength when dry\wet
- Resistance to penetration of dry\wet bacterial population
- Nap and dust separation level and foreign matters contamination level
- Resistance to liquids penetration

Partners of the company are world leaders in the field of nonwovens and specialty materials, among them: DuPont (USA), Jacob Holm (Switzerland), RKW (Belgium), 3M (USA), AHLSTROM (India).



The characteristics of all high-tech materials that we use comply with the requirements of standard EN 13795. This standard is a document that establishes the surgical clothes and drapes requirements of the highest level to provide safe use by the patients and medical staff.

Products of the company are made of high-quality modern materials, which ensure excellent diversion of biological fluids and solutions from the surgical field or wound, maximum protection from infections, drapes softness along with high dry and wet tensile strength. The following nonwoven materials are used:

Medicace 3 – three-layer non-woven fabric :

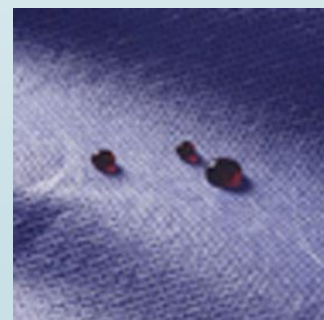
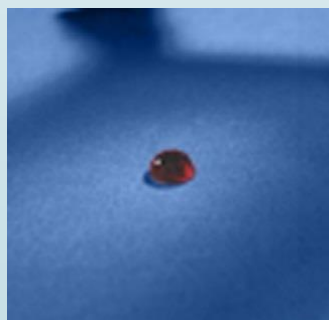
- 1 layer - absorbing viscose fabric,
- 2 layer - polyethylene film with microrelief,
- 3 layer - absorbing white polypropylene.

Medicace 2- two-layer non-woven fabric:

- 1 layer - absorbing viscose material,
- 2 layer - polyethylene film with microrelief.

NONWOVEN
FILM
NONWOVEN

NONWOVEN
FILM



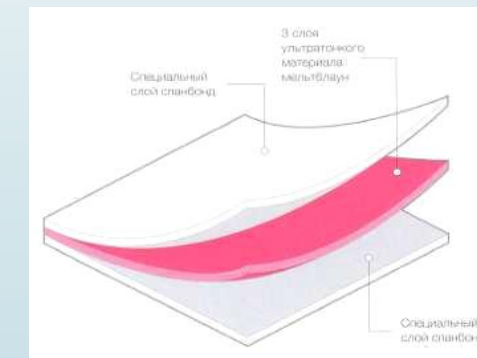
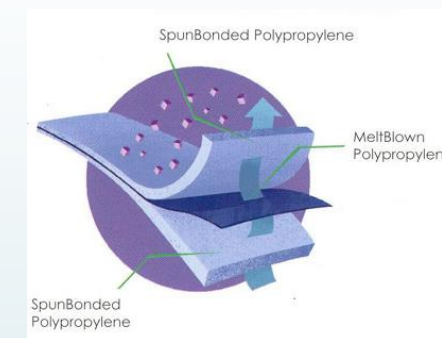
The materials have high moisture resistance, absorbency, water retention, water vapor permeability, strength in dry and wet condition, low dust and pile collection; they are soft.

The choice of nonwoven materials for disposable surgical drapes manufacturing determines their quality. Disposable surgical wear with guaranteed barrier properties is made of multilayer nonwoven materials:

SMS —three-layer nonwoven fabric of varying density, 2 spunbond layers, 1 meltblown layer (filter fabric with strength characteristics, barrier properties, comfortable tactile sensations).

SMMMS-five-layer nonwoven fabric of varying density, 2 spunbond layers, 3 layers of ultrathin meltblown (reliable barrier, high strength and high repellency to liquids with low surface pressure).

SOFTESSE - Air-penetrable non-woven fabric based on cellulose fiber with special treatment. Tactile sensations comparable with cotton fabrics. High barrier and strength properties.



To fix the article to the surgical field, adhesive bandages and surgical film coated with hypoallergenic layer of acrylate-based adhesive made by 3M (USA) are used. The availability of sticky edges and adhesive surgical film provides:

- tight attachment of drapes to the patient's body;
- prevention of cut contamination by patient's skin;
- control over spreading biological fluids;
- reduction of possibility of cut contamination by microorganisms.



The adhesive layer is a thin polyacrylate hypoallergic layer of glue coated with protective paper strip. Hypoallergenic 3M™ adhesive layers are well fixed to the skin, including problem areas; when applied to the skin it does not prevent air exchange and do not allow excessive humor to be accumulated, preventing maceration and adhesion weakening.

Despite the tight attachment to the skin adhesive layer can be easily removed without irritating even the most sensitive skin.



Steri-Drape™ Incise Drapes

- The original incise drapes which are totally impermeable, have a pressure sensitive adhesive and provide a sterile operating surface.
- Reduces or eliminates the need for towel clips by stabilizing surgical drape sheets.

Steri-Drape™ 2 Incise Drapes

- Made of a breathable film which provides superior adhesion.
- Have low memory stretch.
- Conform to body contours and stretch to allow limb manipulation.
- Reduces or eliminates the need for towel clips by stabilizing surgical drape sheets.

Ioban™ Incise Drapes

- Contains iodophor which is slowly released on to the skin surface giving continuous and controlled antimicrobial activity throughout the surgical procedure.
- Have a high moisture vapour transmission rate which allows the skin to “breathe” ensuring improved adhesion throughout the longest procedures.
- Highly conformable to body contours. The unique low memory stretch allows limb mobilization or heavy retraction with reduced tension to the skin.
- Have superb adhesion right up to the cut edge.

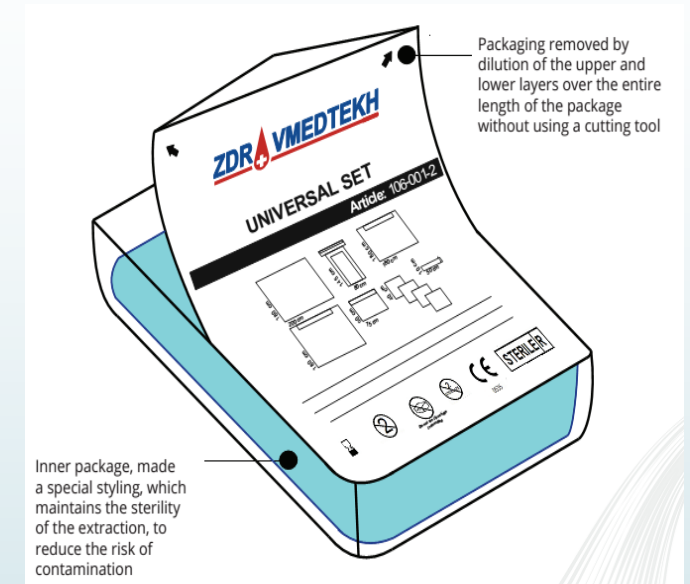


In view of the detailed knowledge and understanding of modern surgery needs, the products of Zdravmedtekh offer the best of existing solutions. All products meet the requirements of the Regulation on medical devices. The present provision contains some basic requirements relating to the design, production and packaging of products. Surgical drapes are produced with due regard to all special aspects of surgical intervention.

- Products include specially designed elements, the main objective of which is to ensure their ease of use and safety.
- Drapes have special folding that reduces possibility of creating additional air flow and prevents spreading of nosocomial infections, and also greatly improves working comfort for surgical nurses, allowing one person to lay out a drape without assistance.
- Each element of the set is marked with a drawing, explaining how to use it and specifying the direction of set's elements deployment.
- Components are folded in the order corresponding to succession of preparation for the operating room and the patient in accordance with the type of surgical intervention.
- Drapes are of various sizes, have different cuts, holes, pockets for fluid collection, tube clamps, sticky edge for the arc.

One of the mandatory conditions for effective sterilization is the quality of the packaging and laying products prior to sterilization. The most important and decisive purpose of packaging is to protect the product after sterilization of the physical, microbial and chemical exposure.

Products of our company are packed into a tray. Packaging produced from a special film thus increasing its strength and barrier properties. The films used by the company for packaging are impermeable to liquids, air, gases, and therefore absolutely impermeable to microorganisms. Packaging provides for functional and performance characteristics of medical devices during transportation and storage and meets all security requirements.



Marking



Each package is provided with distinct label with all the information about the product. This label is easy to use and saves time.

Symbol unpacking

Product name

UNIVERSAL SET

Article: 106-001-2

Description, with dimensions and amount

№	Description	Size, cm	Qty. pcs
1	Table cover , 2-layer	200x150	1
2	Instrument table cover	145x80	1
3	Adhesive drape, 3-layer	250x180	1
4	Adhesive drape, 3-layer	180x180	1
5	Adhesive drape, 3-layer	90x75	2
6	Towel	30x40	4
7	Adhesive tape	10x50	1

Expiration date

Marked "sterile"

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Address manufacturer

www.zravmedtech.ru

made in Russia

Warning characters

CE marked



Advantages of products

➤ **Modern**

Our products are modern technologies and materials

➤ **Adaptation**

Solutions based on long-term experience of using products in leading hospitals. We offer personal solutions. Kits contain everything you need.

➤ **Optimal**

Solutions have the best ratio characteristics/costs

➤ **Quality and safety**

We use best practices in production and management (EN 13795, ISO 13485, ISO 9001, ISO 14001)

Economic efficiency

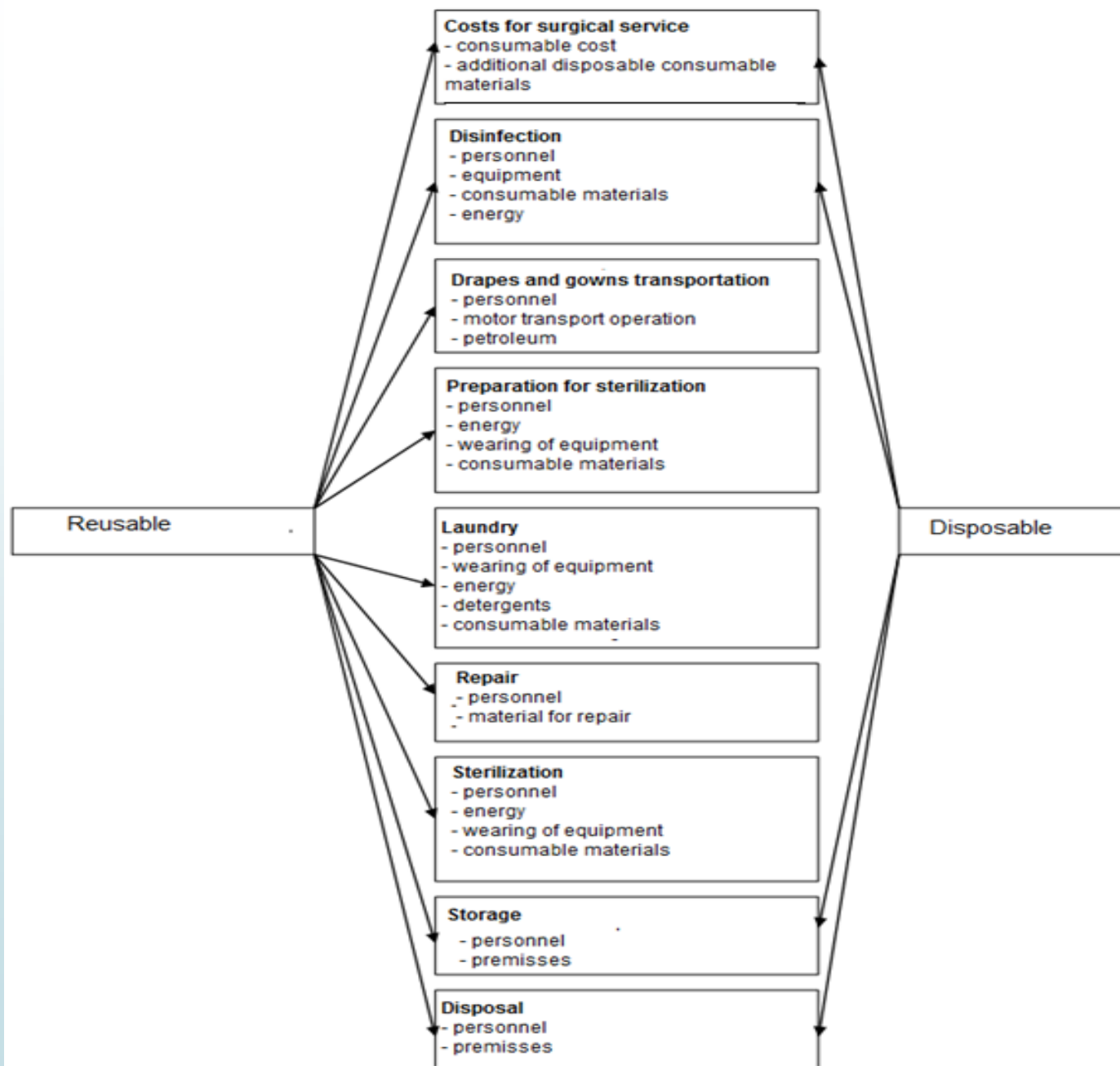
Our company stands for solving problems of disposable medical wear and drapes application, because this is the one of the most important socially significant objective for practical public health.

The relevance and economic importance of the problem is that use of modern disposable medical wear and drapes helps to reduce possibility of infection when delivering high-tech medical help in different fields of medicine, to improve the organization of health care delivery to the population upon the liquidation of emergency consequences.

Switching to disposable medical wear and drapes instead of reusable ones will save money and improve the efficiency of costs for public health.

Funds can be saved as a result of reducing of expenses for disposable wear and drapes in medical institutions compared to costs of reusable medical wear and drapes and by reducing of medical expenses for treatment due to decrease in occurrence of nosocomial infections.

Moreover, there are also indirect benefits, such as productivity growth, the increase in tax flows to the state budget, increase of competitiveness in the field of health care products, etc.



Health and future of people are in your hands!

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