Choose safety

A NEW GENERATION OF SURGICAL DRAPES. TRUST IN THE MAXIMUM SAFENESS.

Absorbs and traps moisture.
Creates an antimicrobial barrier between operating table and patient. Also facilitates the movement of patients.
Earlier generation surgical sheet risks and drawbacks.

Several risk factors exist during surgery. Minimizing these risk factors is essential to create a safer patient environment.

**Skin lesions**
Moisture and macerated skin can contribute to the development of pressure ulcers and bedsores in the operating theatre.

**Hypothermia**
The patient coming into contact with moisture increases the chances of the patient suffering from changes in body temperature.

**Different protocols**
Lack of unified protocols increases the risk of mistakes during the setting up of operating tables.

**Nosocomial infection**
The operating table is prone to a build up of microorganisms, so it is essential to create an antibacterial barrier.

**Safety measures for electrosurgery**
Electrosurgery equipment manufacturers state that it is mandatory to provide a dry, waterproof and absorbent surface on which to place patients.

**Damage to equipment**
 Fluids can damage equipment or devices, such as the operating table, causing additional costs for the hospital.

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1. NPUAP, OR webinar August 2015 NPUAP/OR Webinar-August 2015-Hangouts.
The Climadrape Solution
Safeness in a new generation of covers.

An effective way to keep the patient covered and on a dry, absorbent and waterproof surface.

European Standard UNE EN

Climadrape is manufactured in accordance with the strictest specifications and complies with the European standard UNE EN 13795 for surgical drapes and gowns.

The main objective of this standard is to avoid the transmission of infectious agents during surgical procedures.

Key parameters such as:

- **Barrier:**
  - Resistance to dry microbial penetration.
  - Resistance to wet microbial penetration.
  - Resistance to liquid penetration.

- **Cleanliness:**
  - Cleanliness - microbial

- **Linting:**
  - Cleanliness - particulate matter & linting.

- **Strength:**
  - Bursting strength - dry & wet.
  - Tensile strength - dry & wet.
The advantages of Climadrape

Absorption
Climadrape absorbs up to 4 l/m² of liquid. It dries completely within approximately 1 minute. The bottom layer is water resistant.

Thermally insulated
Manufactured using thermal fabric.

Electrical insulation
Non-conductive material to avoid issues with electrosurgical devices.

Tensile strength
Tensile resistance up to 220 kg.

Anti-slip
Non-slip rear surface to minimize sliding.

Size
Manufactured in two sizes designed to cover all operating tables.

Weight and thickness
Extremely lightweight to maximize operating table protection and to facilitate storage.

Ecological
Minimal use of additional products and minimizes hospital waste.
Climadrape® is pleased to introduce our new generation of surgical covers. It is the outcome of more than 8 years of working in the sector and liaising with clients that has lead us to the creation of an innovative solution that covers all operation room team requirements.

Our philosophy is to improve healthcare by reducing variations in protocols and by minimizing the risk of acquiring a surgical site infection.

Layers

01
Hydrophilic layer
Enables the penetration of liquids as well as keeping the skin dry.

02
Absorbent
Transforms the liquid into a soft, solid gel with a dry surface.
Made of Super absorbent polymers (SAP)

03
Thermal fabric
Refractory polyester, hit resistance, strong and water resistant polyester sheet to create a barrier against microorganisms.
Our products

Two models to cover a variety of surgical procedures.

**Climadrape**
Water resistant, absorbent, disposable sheet for covering the whole operating table.

**Climadrape Petite**
Water resistant, absorbent, disposable sheet for use when the operating table is only partially used, such as in the case of lithotomy procedures.

REF.CD230140

REF.CD155140
Existing technologies

Previous generations of surgical drapes made from Polymers and Fibers

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<thead>
<tr>
<th></th>
<th>SAF</th>
<th>New generation of surgical drapes with polymers</th>
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<tbody>
<tr>
<td>SAF</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>✗</td>
<td>Refractory polyester</td>
</tr>
<tr>
<td>Breaks</td>
<td>✗</td>
<td>Tensile resistance up to 220kg</td>
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<tr>
<td>Requires a lift sheet</td>
<td>✗</td>
<td>Does not require a lift sheet</td>
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<tr>
<td>Multiproducts protocol</td>
<td>✗</td>
<td>Complete solution</td>
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It allows for compliance with my operating table set up protocol. It is cost effective and increases the quality of healthcare.