

Medical and Healthcare - Modular Incontinence Prevention

Bodyvision presents breakthrough development for multiple uses and announces first individual textile solution for light incontinence: »Bodyvision Mwear«

Bodyvision, Mönchengladbach/Germany, August 2021

Bodyvision, innovator of textile solutions, presents a groundbreaking development. The focus is on a patent-pending textile surface that has unprecedented properties and can be used universally. Through years of intensive research, Bodyvision has developed a single-layer surface with a multi-layer weave construction that combines a multitude of positive properties. Bodyvision offers a modular system that enables the function and requirement profile of various application areas and product groups. The first product is an individual textile solution for light incontinence: Bodyvision Mwear (Medical Wear). It enables fluid absorption of up to 40ml. Mwear will be available in the first quarter of 2022. One advantage for the user: After the classification, there are possibilities to make use of legal regulations for the provision of aids and for the assumption of costs by health insurance companies.

Background Information: Incontinence

Incontinence is the lack of or inadequate ability of the body to hold and voluntarily release urine or bowel movements. It often occurs as a consequence or concomitant of an underlying disease and can occur in all age groups, but increases sharply with age. Urinary incontinence, described below as an area of application for Bodyvision, is also commonly referred to as "bladder weakness" or "weak bladder".

Bodyvision: Target Groups and Areas of Application

- Incontinence, general: linen, bed pads, etc.
- Clinics and hospitals: Use as a sweat and urine absorber for bedridden patients. Additional use as surgical pad for sterile absorption of blood and sweat
- Sports: absorption of sweat and odors by functional underwear in any kind of sports activities and causes, especially problems such as chafing: e.g. endurance runners, cyclists and alpine athletes
- Military: avoidance of failures due to sweat-related causes, especially chafing during military actions, such as long marches
- Pets: absorption of sweat, urine and unpleasant odors from pets, for example, in the form of blankets and pet clothing
- Transportation: car, truck, plane, train, for example, for blankets, mats, covers
- Automotive: seat covers, steering wheel trim and luggage compartment inserts

Bodyvision: Unique selling points – Patents, Trademark Registrations and Classifications

Classification of brands by classification: Bodyvision is the first company in the world to offer solutions that meet all relevant criteria and are patent-pending. They have patent and trademark registrations and will soon be classified:

- Class 15, subgroup 32, incontinence underwear
- Class 15, subgroup 30, incontinence pads

The Specifications in Detail

- Absorbency and leakage resistance
Bodyvision's special design keeps the user feeling dry. Thus, the body side of the construction serves for fluid absorption and drainage, the inner area for fluid retention and the outer side for compaction, which also withstands movement and sitting activities.

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- High wearing comfort due to thin fabric
Since Bodyvision is designed very thin with a thickness of the surface of about 3mm, this allows a higher wearing comfort and is equivalent to a standard underpants.
- Environmentally friendly due to washability and reusability
Bodyvision uses sustainable materials and is plastic-reduced in the process. It also enables form-fitting production, which eliminates environmentally harmful manufacturing steps. In addition, the construction can be washed up to fifty times without any problems and thus has a significant environmental advantage over disposable products.
- Breathable materials
Bodyvision uses certified materials to a large extent and thus relies on breathable materials. The advantage of these materials is that the breathability protects the skin from irritation.
- Good olfactory, antibacterial characteristics
For Bodyvision, largely antibacterial and odour-reducing fibres such as Tencel and high-quality wool, e.g. Merino wool are used. This protects the consumer from unpleasant odours.

Legal Regulations for the Supply of Medical Aids: Cost reimbursement by health insurance funds

Insured persons are entitled to auxiliary or care aids if they are ill or in need of care. This is the responsibility of the insured person's health or long-term care insurance fund. The purpose of all aids is to reduce or compensate as much as possible the limitations caused by illness or disability. The cost units maintain individual lists of products whose costs are reimbursed when they are used by the insured person.

Costs are covered by health insurance companies if participation in daily life is restricted due to incontinence. As soon as incontinence is diagnosed, the patient receives a prescription for an appropriate incontinence aid. In the case of private health insurance, cost coverage depends on their respective tariff.

Strong Partnerships: Cooperations in Research and Development

The functional textile was developed in cooperation with the Research Institute for Textiles and Clothing (FTB) of the Niederrhein University in Mönchengladbach.

About Niederrhein University

The Department of Textile and Clothing Technology at Niederrhein University with its associated Research Institute Textile and Clothing (FTB), combines the training of specialists with demanding research and development activities.

About Bodyvision

The start-up company Bodyvision will emerge from the research institute Medimalsystem Protect24 (MSP24), which was founded in 2017, the name change will take place in August of the year.

In the course of years of preliminary work, MSP24 developed an innovative and revolutionary single-layer surface with a multi-layer binding construction, which has a high absorbency and leakage resistance and can be produced in an environmentally friendly and efficient way.

The goal is to make Bodyvision the leading technology nationally and internationally in the field of incontinence and related areas.

Photo Caption

Individual textile solution: Bodyvision's unique textile surface for fluid collection enables a new solution for incontinence: Bodyvision Mwear.

For Publication: Contact and Info

<https://www.bodyvision.tech>