

Sheet, multifunctional disposable biodegradable

Medical device

WHO compendium of innovative health technologies for low-resource settings

2016-2017

Country of origin | Norway

Primary function | Prevention

Health problem addressed

The product acts as a single sheet covering for various types of beds/surfaces, draping of injured and dead bodies, operating theatres, hypothermia cover and it is well suited as a transfer sheet. The product is reducing risk of contamination, protecting both patient and staff from infection. Designed to support people in vulnerable situations under poor conditions and at the hospital. Applicable in disaster areas.



Disease addressed

Certain infectious and parasitic diseases, pregnancy, childbirth, and the puerperium, injury, poisoning and certain other consequences of external causes.

Technical descriptions

The product is comprised of a three-ply, highly absorbing laminate. The top layer is white non-woven fabric made from viscose and polyester, which ensures rapid absorption, high elasticity and durability. The thin middle layer consists of super absorbing polymers. The bottom layer is a biodegradable film which acts as a barrier against moisture and liquid penetration. Tapes along the side to fix the sheet firmly.

Developer's claims of products benefits

The product is ultra efficient. Compared to traditional cotton with low-end disposable sheets/pads the product will contribute with significant cost reduction related to: easy logistics, cleaning work, risk of contamination and infection, consumption of water and electricity. Other added values to be mentioned tapes and odor control.

Operating steps

Unfold the product. Place it on the underlayer with the blue side facing downwards. Place the patient on top of the sheet. If necessary use the tapes to make bags along bed sides to collect liquid spill or to wrap the sheet around the person. For lifting and transportation use the sheet it self by twisting and wrapping the sheet corners around the fists.

Regulatory status and standards compliance

CE. ISO9001 and ISO14001.

Use and maintenance

User: Self-use, patient, untrained individual, midwife, nurse.

Environment of use

Setting: Rural, urban, outdoors, indoors, home, public places, primary level, secondary level, tertiary level, ambulances, anywhere.

Product specifications

Weight: 0.4kg

Dimensions: 245mm x 140mm x 7mm

Lifetime: 2-5 years

In UN catalog: No

Commercial information

Reference price (USD): 8

Year of commercialization: 2015

Currently sold in: Globally

Number of units distributed: 50,000+

Other features: Single use

Contact Astrid Skreosen | Telephone 0047 926 80 295 | Web <https://bit.ly/2LgfGPw>