

<b>Title</b>	<b>PERSONALIZED CLOTHES FOR PATIENTS WITH FLEXIBLE MORPHOLOGICAL STRUCTURE</b>
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<b>Patent no.</b>	Pending
<b>Description EN</b>	<p>Personalization is one of the directions of marketing strategies. General understanding of product personalization strategy boils down to adapting products to the needs of the consumer. It is important that the clothes for patients must fully correspond to the requirements and conditions of exploitation that will attribute them to the category of personalized products. Usability assessment basing on an analysis of manipulation produced with the product, such as, dressing/undressing, access to specific areas of the body for medical attention/procedures. Effective design of personalized products is possible only on using the principle of constructive and technological unification. Some construction elements can contain multiple-choice solutions that allows applying the ones, which correspond to preset patient's needs. So on a unified product construction can be applied constructively functional elements in various combinations, which completely changes the look and purpose of the product.</p> <p>The aim of this work is to develop methodological foundations of design of personalized products for patients and their efficient production in industrial environments. Research</p>

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methods based on a morphological analysis of the product, its decomposition and combinatorial synthesis. The results allowed to develop the hospital set of clothing that have several options for transformation each of which responds to that or other requirements of everyday wear. So, the simple transformation of products can expand its function without using of an additional product. Thus, articles of varying the morphological structure will satisfy more the patient's needs and predict their appearance during wear. Moreover, it will be very cost effective too.

Class no.

4. Medicine - Health Care – Cosmetics