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## BODY POSTURE CORRECTION CLOTHES FOR CHILDREN

Orsolya Nagy Szabó

Óbuda University Rejtő Sándor Faculty of Light Industry and Environmental Engineering  
Institute of Product Design Industry Budapest Hungary

More and more small children are having problems with bad body posture. In the first phase of their lives correction is easier to accomplish. Different types of body posture correctors have been developed for children but most of them do not offer attractive eyesight to children, so they do not like it. OTKA No. 112506. "3D Dynamic Modelling of the Spine", with the help of OE, BME and SOTE, provides the opportunity to develop a body posture corrector in clothes for pre-school children. The aim of the research work is to provide child-friendly children wear that can effectively help with proper posture, comfortable to wear and the good for the kindergarten children. The research work analyzes the age, physical and psychological development level of the chosen age group, the age-group of three to six years old. I listen to their movement culture, and the motifs, figures and silhouettes they like as well as the kindergarten fashion. Beside of fashion in under clothes designing the choice of raw materials is a very important aspect, because the stability and comfort, as well as the free space are equally important to children. Body comfort and proper hygiene are largely determined by the basic material, technological development and production of clothing. Using smart textiles improve comfort. The children medical aid body corrector should be wear in summer as a summer clothes, and in winter as underwear. The design must take into account the essential characteristics of the orthoses, the parents' expectations and the properties of the available materials.

**Keywords:** bad body posture, posture corrector, orthoses

### Corresponding address:

Dr. Orsolya Nagy Szabó  
Institute of Product Design Industry  
Rejtő Sándor Faculty of Light Industry and Environmental Engineering  
Óbuda University  
Post Address: 1034 Doberdó. Út. 6.  
Budapest, Hungary  
Mobile: 06209962440  
E-mail: [szabo.orsolya@rkk.uni-obuda.hu](mailto:szabo.orsolya@rkk.uni-obuda.hu)