

可除臭、除菌、防敏感的創新成人尿片

Innovative Diaper for the Elderly that Keeps off Moisture, Odour, and Allergy

能夠殺菌、除汗、除臭、吸濕及非經化學處理的尿布

A non-chemically treated diaper that is antiseptic, antiperspirant, deodourant and absorbent

尿失禁是老年人，特別是體弱者的常見症狀，它除了影響患者的日常生活和引起皮膚併發症外，亦會大大增加患者對照顧者的倚賴。現時還未有解決失禁問題的治療，而具有特殊功能的服裝可能是目前的最佳解決方案。本項目為老年人和尿失禁患者研發能夠吸濕、殺菌、止汗和除臭的尿布，在尿布中加入特別調配的中草藥材萃取粉末，以達致所需效果。它可以減少穿著者患上皮膚併發症的機會，並減低他們對照顧者的倚賴，從而提高他們的生活素質。



使用前和使用六小時後的創新成人尿片
The innovative diaper before and after application for six hours



創新成人尿片的中草藥材粉末
TCHM powder for the innovative diaper

Urinary incontinence is a common symptom among elderly people, especially the frailer ones. Apart from affecting the quality of life and causing skin complications, the demand on assistance can be extremely high for the sufferers. While conservative means of treatment do not work, a special incontinence apparel might be the best choice currently available on the market. This project aims to create an absorbent, antiseptic, antiperspirant and deodourant diaper for elderly people suffering from urinary incontinence. It was achieved by filling a pocket of the diaper with a special formula of Traditional Chinese Herbal Medicines (TCHM) in extract powder form. The resulting diaper can reduce the wearers' chance of getting skin irritation from urine and lower their demand for caretaking and assistance, thus improving their quality of life.

Principal Investigator

Dr Patrick C.L. Hui

Institute of Textiles and Clothing

Contact Details

Institute for Entrepreneurship

Tel: (852) 3400 2929 Fax: (852) 2333 2410 Email: pdadmin@polyu.edu.hk

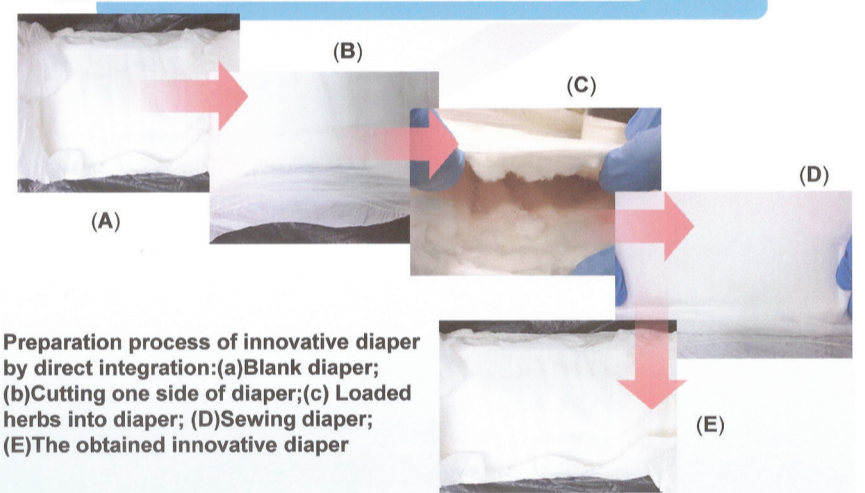
特色與優點

- 高效吸收、殺菌、止汗和除臭
- 經非化學處理
- 滲漏較少，更舒適，可改善患者的皮膚狀況

應用

- 由於微環境和乾爽度得到改善，以及良好的殺菌、止汗和除臭效果，故適用於會陰部位皮膚問題的患者
- 適合需要醫護人員特別照顧、體弱多病的老年人

Innovative Diaper



Preparation process of innovative diaper by direct integration: (a) Blank diaper; (b) Cutting one side of diaper; (c) Loaded herbs into diaper; (D) Sewing diaper; (E) The obtained innovative diaper

創新成人尿片的製備過程
The preparation process of the innovative diaper

Special Features and Advantages

- Effectively absorbent, antiseptic, antiperspirant and deodourant
- Not chemically treated
- Features less leakage and more comfort, while improving the skin conditions of wearers

Applications

- Suitable for patients with the perineal skin conditions because of improved, micro-environment and dryness, as well as better antiseptic, antiperspirant and deodouring effects
- Can be applied on frail older persons with multiple illnesses who require intensive care from healthcare professionals

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