

## Infants clothes in health care of pediatric by materials and antimicrobial treatments

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### *Abstract:*

An infant incubator is a piece of equipment common to pediatric hospitals, birthing centers and neonatal intensive care units. Nano silver can be used effectively as an antimicrobial agent for cotton. The higher the concentration of antimicrobial agent, the larger the zone of inhibition in the cases of both Gram-positive and Gram-negative bacteria. SEM study of antimicrobial-finished fabric reveals that a continuous polymer film has been formed on the fabric. While the unit may serve several specific functions, it is generally used to provide a safe and stable environment for newborn infants, often those who were born prematurely or with an illness or disability that makes them especially vulnerable for the first several months of life. The objective of this research was to gain a better understanding of new approach for a bio-nonwoven fabrics and infant's incubator in terms of the specific materials as bioplastic and the elements of comfort, for infants clothes in health care of pediatric by materials and antimicrobial treatments drivers associated with it and its waste biodegradation by different methods.

Shortly after birth, the beginning in first hours of life babies with neonatal, a by-product of the red blood cells decomposition. Many convenient features to

consider with two basic disposable eyes` swathe and diapers on infant's incubator options: cloth of basic disposable eyes` swathe and diapers, with their end use properties. The form design of eyes` swathe® and diapers® shapes, for infant's incubator stage then consider convenience, cost, and environmental waste. The presented approach allows us taking into account the stacking and forming of the layers, both in the flow and structural analyses. In the case of flow analysis, this allows us accurately study the effect of a multi-layer reinforcement structure on volume vertical wicking diaper.

### *Biography:*

Elsayed Ahmed Elnashar, Full-Professor of textiles Apparel, Kafrelsheikh University, Egypt. Born in 19 /8/1965. Have Ph.D. 2000, Msc.1995, Bsc.1989 Helwan University. Diploma 1985 advanced industrial textiles institute. He holds several academic administrative positions: Dean, Vice Dean, Head of Department, He has many textiles patents, Member of international scientific committees.

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