



 **Current Issue**

 **Browse Issues**

 **Search**



 **About this Journal**

 **Instruction to Authors**

 **Online Submission**

 **Subscription**

 **Contact Us**



 **RSS Feed**

Acta Medica Iranica

2009;47(4) : 69-78

EFFECT OF DETERGENT POWDERS ON PIN-WORM EGGS AND THE METHOD OF USING DETERGENTS IN TRADITIONAL AND MACHINE WASH CLOTHES FOR THE CONTROL OF ENTEROBIASIS

M.Bahmanrokh,M. Mahmoodi

Abstract:

A total of 68385 live pin-worm eggs from adhesive scotch tape were exposed to different detergent powders in order to compare method of detergent washing clothes with the boiling method for the control of family enterobiasis. Results show that: a) 80.4-100 percent of eggs are destroyed after hatching within 6-8 hours of exposure to 0.25 gr% detergent at 10-25°C. Exposure for less than 6 hours had no noticeable effect, but after 8 hours the maximum effect was observed; exposure for more than 8 hours was not any more beneficial. The egg destruction depended on the type of the detergent and concentration of the solution b) A solution of 1g% detergent at 50-55 °C results in %100 egg destruction by exploding the egg's shell in 30-45 minutes. Method "a" is suitable for traditional washing at room temperature, while method "b" can only be used in cases where a washing machine equipped with a temperature regulating system is available at home.

Keywords:

Family enterobiasis . Detergent powders . Pin-worm

TUMS ID: 1521

Full Text HTML  Full Text PDF  724 kB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
Central Library & Documents Center
Tehran University of Medical Sciences

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions