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## Acta Medica Iranica

2009;47(4) : 27-34

### THE EFFECT OF VARIATION IN MIRACIDIAL EXPOSURE DOSE ON ESPERIMENTAL INFECTIONS OF FASCIOLA GIGANTICA IN LYMNAEA GEDROSIANA

S. Rohani, J. Massoud

#### Abstract:

The laboratory infection of *Lymnaea gedrosiana* with 2,5 and 10 miracidia of *Fasciola gigantica* resulted in infection rates of 20%, 40% and 69%, respectively, with a prepatent Period of 66-88 days. There was a significant difference in infection rate between the snails infected with 2 and those with 10 miracidia ( $P < 0.05$ ). At 92 days post- infection there was 25% to 33.3% of live snails still harboring immature stages of *F.gigantica* larvae. The mortality rate of the infected and non-infected control groups showed no marked differences.

#### Keywords:

[Lymnaea](#) . [Fasciola](#) . [Schistosoma](#) . [Ornithobilharzia](#)

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