

# Taenia solium control in Tanzania

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Impact of farmer education on their knowledge, attitudes, and practices in southern Tanzania: a case for

*Taenia solium*

&nbsp;control

## Abstract

A comparative study was conducted with pre- and post-intervention assessments on the same subjects to evaluate a health education intervention administered to smallholder pig farmers in Iringa Rural (n = 750) and Chunya (n = 700) districts, southern Tanzania. A total of 366 respondents (249 in Iringa Rural, 117 in Chunya) undertook a self assessment questionnaire regarding knowledge on

*Taenia solium*

, its impact and mode of transmission, and attitudes towards consumption of infected pork.

McNemar and Bhapkar Chi-square P values were computed in SPSS and MH to assess significant differences.

The study revealed that health education intervention significantly improved the knowledge and attitudes towards

*Taenia solium*

&nbsp;control (P < 0.001) and thus would reduce the consumption of infected pork. It

recommends that health education, particularly to women be integrated as an essential component of prevention and control programmes for

*Taenia solium*

&nbsp;infections.&nbsp;The Government of Tanzania should revise its pork inspection regulations to include practical ways of controlling porcine cysticercosis.&nbsp;

### Key words:

Health education effect, paired analysis, porcine cysticercosis control



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