

# Using comic, pictograms and table sticker to improve knowledge and medication adherence in children with HIV/AIDS

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**Background:** Adherence to treatment of chronic diseases is one of the main things to ensure the success of therapy. Children with chronic disease, often not adhere to their treatment. One of the problem of non-adherence is due to the lack of information which given to the children about their treatment. This study aims to determine the effectiveness of education to improve knowledge and adherence in children with HIV/AIDS.

## Methods

This before-after study test the effectiveness of illustrated booklet (comic), pictograms and table stickers on

22 outpatient children with HIV/AIDS

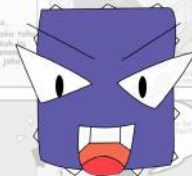
in Sanglah Hospital Denpasar-Bali



They filled a validated questionnaire (pre-test and post-test) to measure their knowledge about HIV medication. Post-test and pill count were done a month after giving the education packages (comic, pictograms and table stickers).



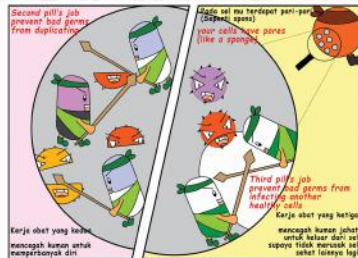
**Results:** Their knowledge's score after study was higher than before study ( $p < 0.001$ ). The level of adherence, at the beginning (before the study), is already high (pill count 100%), there was no significant difference 'pill count' between before and after the administration of education ( $p = 1,000$ ).



## Conclusion:

Comic, pictograms, and table stickers increase the knowledge of children with HIV/AIDS.

Children's knowledge of the disease and treatment is needed to maintain medication adherence, particularly when the children grow up, as teenager or adolescent.



Jika kamu selalu meminum obat setiap hari, dan tidak pernah beres-beres! kuman akan dalam botol! Obat-obatan yang ada di botol itu akan mudah sekali terkontaminasi. Kuman akan dalam botol! Obat-obatan yang ada di botol itu akan mudah sekali terkontaminasi. Kuman akan dalam botol!



Dirty hand is a good place for bad germs to grow, then through it bad germs will get inside your body. That's why hand cleaning is important!

