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Conference Program and Abstract Book

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Medical and Health Care Improvement Through
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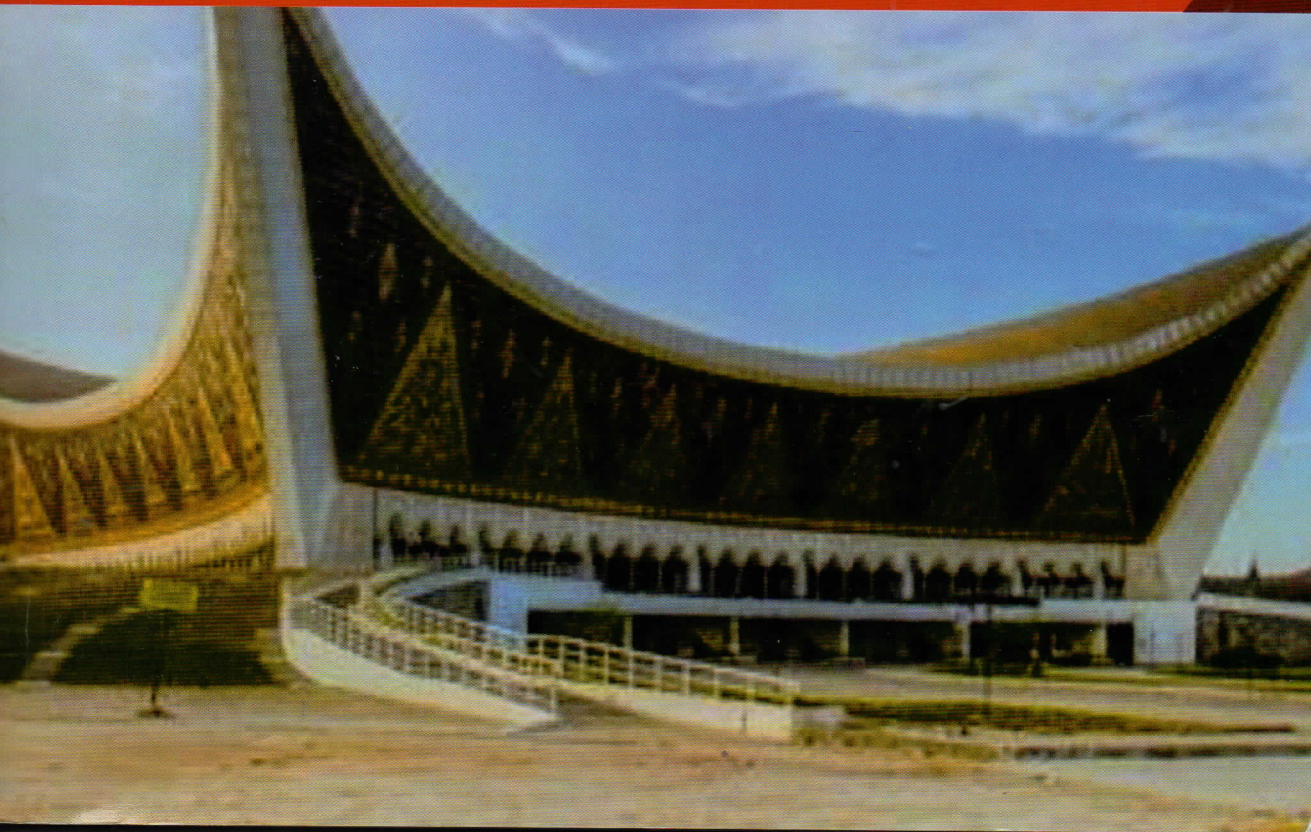


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COMPARATIVE DISSOLUTION STUDY OF CHLORAMPHENICOL CAPSULES MARKETED IN INDONESIA

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Chloramphenicol capsules are found in several brands with different prices on the market. This study aimed to obtain in vitro biopharmaceutics quality data from generic and branded name products. Ten products were selected, consisted of 3 generic (A, B and C) and 7 branded names (D, E, F, G, H, I and J); F was chosen as an innovator. The dissolution test was performed by using basket method in medium 0.1 N HCl, $pH \pm 0.05$, the analysis was done using spectrophotometer UV-Visible at 277.6 nm. Dissolution profiles were analyzed using kinetic equation and similarity factor. Fractionation analysis was done to confirm the results. There were no significant differences in the amount dissolves in 20 minutes between the innovator and other products ($p > 0.05$). Products A, C, H, I and J were similar with the innovator; the f_2 values were 54.82; 50.74; 66.16; 91.34 and 51.35% respectively. Other products (B, D, E, G) were not similar with the innovator. The x-ray diffractogram showed similar patterns indicating an amorphous form with different peak intensity. All products were in compliance with the requirements of the 4th Indonesian Pharmacopoeia, however there were differences in dissolution profiles which supports the reason for different prices.

Chloramphenicol, dissolution profile, comparative dissolution, generic and branded name product.

THE EFFECT OF ASSERTIVE TRAINING ON REDUCING BULLYING IN SCHOOL

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Abstract. This study aimed to identify the effect of assertive training to reduce bullying behavior in students of Junior High School Padang. Researchers believed that the results of this study could serve as data and information to prevent the influence of bullying on children and adolescents. The study design was Quasi-experiment with the sample of 81 students (43 controls and 38 interventions). The intervention group received assertive training that consists of 5 sessions for 30 - 45 minutes each session, including communicating with others, declaring "no" to irrational requests, expressing complaints, rewarding others and accepting awards, and reinforcing the assertive behavior with social-drama. The instruments that used were adolescent peer relationship instrument. The statistical tests used were Wilcoxon and Mann Whitney. The results showed that mean score of bullying behavior in post-test lower than pre-test in the intervention group (p -value < 0.05). There were differences in bullying behavior before and after intervention between the control group and the intervention group (p -value 0.001). It could be concluded that assertive skills training could be maintained as an intervention that would be able to prevent bullying in adolescents.

Keywords: Adolescent, bullying, interpersonal relations, reinforcement, student