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# English Summary

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## MENTAL HEALTH IN MODERN LIFE

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Modern living may generate many frustrations felt as intense individual stress. It may be caused by - among others:

1. Personal failure or inferiority feeling
2. Personal losses : human life as well as material losses
3. Unfavorable personal comparisons
4. Personal limitations : physical, intellectual or intelligence
5. Personal feelings of guilt

These conflicts of modern life can be severe and the individual may need advice and help from professionals.

Trained mental health professionals can render such help through:

1. Consultations(eg- in outpatient service of mental health facilities )
2. Hospitalization for short term intensive treatment.
3. Medications with modern psychopharmaceuticals

*Cermin Dunia Kedokt.2005;149 : 5 -7*  
**kso**

## FACTORS RELATED TO DRUG ABUSE AMONG PUBLIC HIGH SCHOOL STUDENTS IN BEKASI, WEST JAVA, INDONESIA

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This study was done to obtain information on factors related to drugs (narcotics, psychotropics and addictive substances) abuse among public high school (SMU Negeri) students in Bekasi.

The study population of this cross-section study was 386 high school students in Bekasi, chosen through multistage sampling procedure. Chi Square test for bivariate analysis and prediction model of multiple logistic regression for multivariate analysis was used.

The prevalence of drug abuse was 16,8%. Variables found to be significantly associated with drug abuse in bivariate analysis were personal characteristics (gender, age, knowledge, attitude), environmental factors (mother occupation, family harmony, smoking habit in the family, peer, leisure activities). Gender was the most predominant variable.

Prevention program among high school students need to be immediately applied in collaboration with parents (in extracurricular activities), Ministry of Health, Police and Ministry of Justice.It was also recommended to conduct further researches, to support drug abuse prevention program.

*Cermin Dunia Kedokt.2005; 149; 38 - 43*  
**rhi, mjh**

## EFFECTS OF MORPHINE EXPOSURE ON BEHAVIOR AMONG SWISS-WEBSTER MICE

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This research on pregnant Swiss-Webster mice was done to study the effects of morphine exposure on behaviour in pre-weaning period and bodyweight of the offsprings.

Morphine at dose of 9,8 mg/kgbw/day;5,6 mg/kg bw/day; 2,8 mg/kg bw/day; and aquabidest as control was injected subcutaneously on seventh until twelfth day of pregnancy. The behavior of the offsprings was tested using the Neurobehavioral Battery Test.

There is difference ( $p < 0,05$ ) in reflex test and motor reflex test at 9,8 mg/kg bw/day and 5,6 mg/kg bw/day dose. Weight gain is also significantly different ( $p < 0,05$ ) at 9,8 mg/kg bw/day and 5,6 mg/kg bw/day morphine dose.

Morphine exposure caused behavioral disparity among mice in preweaning period.

*Cermin Dunia Kedokt. 2005 ;149: 44 - 8*  
**dvp, hap**

*( Bersambung Ke Hal 56 )*