

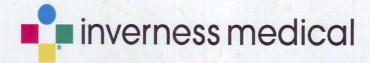


Australasian Forensic Toxicology Meeting



October 11-14, 2009

RACV Club, 501 Bourke St, Melbourne, Australia



Monday Oral Session 2: (Clinical toxicology/workplace drug testing)

1400 Evaluation of the Biosens device to test for the presence of d-methamphetamine and MDMA

Steve Korkoneas

14¹⁵ A novel reductive transformation of oxazepam catalysed by beta-glucuronidase

Shanlin Fu, John Lewis, Hongjie Wang, Michael Dawson

14³⁰ Urine adulteration - preliminary investigation into using bleach to conceal MDMA use

Annie Q. N. Pham, Michael Dawson and Shanlin Fu

14⁴⁵ Control quality of rapid tests which are distributed in Indonesia

Gelgel Wirasuta

1500 Methyl salicylate toxicity

Maria G Pricone, Dimitri Gerostamoulos, Michael Burke, Olaf H. Drummer

15¹⁵ The changing Victorian drug scene: heroin deaths and trends since 1991

<u>Jessica Woods</u>, Jennifer Wallington, Voula Staikos, Dimitri Gerostamoulos, Olaf H. Drummer

15³⁰-16⁰⁰ Sponsored Afternoon Coffee and Tea

Thermo Fisher Scientific Sponsors Workshop

– lab based immunoassays testing for hair and saliva

Free Evening

Dr.rer.nat. I M.A. Gelgel Wirasuta 1.2

1) Institute of forensic sciences and criminology – Udayana University

2) Departement of Pharmacy – Basic Sciences Faculty – Udayana University, Denpasar Indonesian.

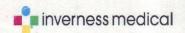
The quality of rapid tests distributed among Indonesian have been controlled. The programs conducted by the Indonesian Health Minister in collaboration with the Institute of rensic Sciences and Criminology – Udayana University in Denpasar. The aim of the programs to control the quality of rapid tests, so that the results of screening tests can be assured.

Seventy four rapid tests from 14 brand-names were used this program to screen amphemine, methamphetamine, methylenedioxymethamphetamine (MDMA), benzodiazed opiate, and cannabinoid. Five concentration levels 0%, 75%, 100%, 125%, and 200% of off as specified by SHAMSA-USA were used as references. The substance-references dissolved in methanol, and then diluted with blank urine, so that the above five concentration levels were achieved. Five stick rapid tests were applied for each concentration levels

The result shows that 21.6% of the rapid-tests did not meet the required quality. This may due to the reduction of the reactivity of the embedded enzyme on stick. The reduction the embedded enzymes was due to uncontrolled temperature storage during transportion of the test kit from host to the laboratories. In the repeated control qualities test by ing other rapid test from the same batch number, in which the controlled temperature transportation, produced improved the quality of the embedded enzyme activities.







Australasian Forensic Toxicology Meeting

This is to certify that

Gelgel Wirasuta

Attended and presented at the AUSTRALASIAN FORENSIC TOXICOLOGY MEETING Held in MELBOURNE, AUSTRALIA, OCTOBER 12-14, 2009

Organised by THE VICTORIAN INSTITUTE OF FORENSIC MEDICINE

Professor Olaf H. Drummer Chairman of Organising Committee & Current TIAFT President



by Gelgel Wirasuta

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Dr.rer.nat. I M.A. Gelgel Wirasuta^{1,2}

1) Institute of forensic sciences and criminology – Udayana University

²⁾ Departement of Pharmacy - Basic Sciences Faculty - Udayana University, Denpasar Bali Indonesian.

Emails: mgelgel1@yahoo.de

Abstract,

The quality of rapid tests distributed among Indonesian has been controlled. The program was conducted by the Indonesian Health Minister in collaboration with the Institute of Forensic Sciences and Criminology - Udayana University in Denpasar. The aim of the program was to control the quality of rapid tests, so that the results of screening tests can be assured.

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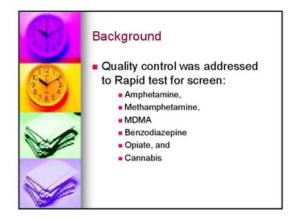
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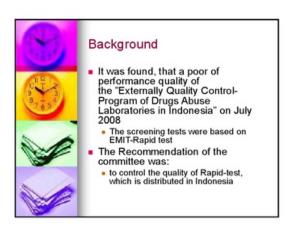
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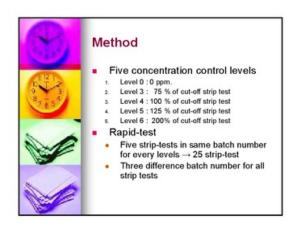






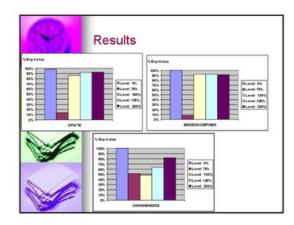


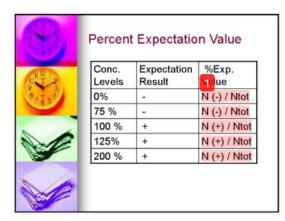




<u>Prensented in AUSTRALASIAN FORENSIC TOXICOLOGY</u> <u>MEETING</u>, October 12-14, 2009













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Conclusion

- Under cut-off referenced to SAMHSA:
 - At the first phase were 21,6% of Strip-test not passed the quality
 - The controlled temperature by transportation from host to the Lab. can maintenance the quality of rapid-test



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