


News-Medical.Net

[Home >](#)
[Newsletter >](#)
[Medical A to](#)
[Archives >](#)
[Information >](#)
[Legals >](#)
[Child Health >](#)
[Disease >](#)
[Technology >](#)
[Health Care >](#)
[Conditions >](#)
[Procedure](#)
[Research >](#)
[Men's Health >](#)
[Science >](#)
[Miscellaneous >](#)
[Pharmaceutical >](#)
[Studies/Tri](#)

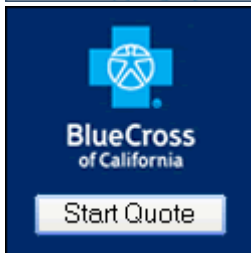
ADVERTISE HERE



Where YOUR health insurance needs are our only concern.



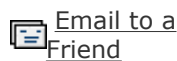
[Child Health News](#)
[< Jump to](#)



Alternative to blood test to detect drugs in the body

Medical Research News

Published: Sunday, 24-Jun-2007



The presence of narcotic substances in a person's body can usually be detected by a blood or urine test.

By means of a simple technique, doctors can say if someone is under the influence of a drug (through blood), if they have taken it within the last week (through urine) or if they usually take it (through the bile test). However, a research group of the department of Legal Medicine and Psychiatry of the University of Granada, coordinated by professor Antonio Hernández Jerez, has developed a new technique to

Advertising by Google

[Endocrine IVD Kits](#)

Wide range of EIA and RIA kits for esoteric endocrinology
www.dslabs.com/Immunoassays

[Blood Test](#)

What Are Normal Results & How to Improve Them Naturally
www.Review-Top3.com/cholesterol

[IND Diagnostic Inc.](#)

Canadian medical test manufacturer ISO13485, FDA, CE Mark approved
www.ind.ca

[Diagnostic antidrug test](#)

Test to detect the presence of various drug in the urine
www.testdiagnostici.it

[Antibody Drug Conjugation](#)

Manufacturer. NPIL Pharma offers World Class High Potency Products.
NpilPharma.com

[Cholesterol Blood Test](#)

Cholesterol Facts, News, Diets, Treatment Options and More!
heart.health.ivillage.com

[Property under £100k](#)

Apartments in Granada, Andalucia register for free buyers guide
www.propertyunder100k.com

[Property Granada](#)

Buy Luxury Property in Spain Apartments and Houses for Sale

obtain this information by testing the pericardial fluid.

The importance of his research lies in the multiple advantages of this fluid with regard to the others. Pericardial fluid is plasma ultrafiltered from the serous vessel surrounding the heart, a watertight compartment separated from blood. Blood analysis usually presents a problem: matrix interferences, such as red cells, proteins, fats, etc., which complicate this method.

The work, supervised by professor Hernández, has allowed to determine that the pericardial fluid is an alternative to test blood in order to carry out drug tests for forensic purposes, as it offers enough guarantees and presents a similar concentration of narcotic substances. One of the advantages highlighted by the professor of the UGR is that this test is easier than blood test as it shows less interference and takes more time to decompose after the death of the person, which makes it possible to determine if the presence of drugs is connected with the death.

The research work, sponsored by the UGR, has been carried out with the collaboration of the Local Institute for Medical Research (IMIM) and the Spanish Institute of Toxicology of Barcelona, as a result of the doctoral thesis "Aplicación del líquido pericárdico al análisis de drogas de abuso en toxicología forense" (Application of the pericardial fluid to the testing of drugs of abuse in forensic toxicology) carried out by Teresa Contreras Montero.

The members of the department of Legal Medicine and Psychiatry of the UGR intend now to do research into alcohol consumption through certain metabolites present in the pericardial fluid, used as markers, in order to determine from a dead body if the person had consumed alcohol and if

www.PrimeLocation.com

[Alcoholism Signs](#)

Get Alcoholism Signs Info Here.

Info on Alcoholism Signs.

AllAlcoholismSign.info

[Clinical Diagnostics](#)

Immune Diagnostics, Flow Cytometry
BASO-, PHAGO-, BURST-, MIGRATEST

www.orpegen.com

[Vuelos granada](#)

Granada a precios imbatibles

Todos los vuelos sin comisión aérea

www.terminala.com

[High Cholesterol News](#)

Top 5 High Cholesterol Treatments

Compared. We Found A Clear Winner!

NaturalCureGuide.com

he was an alcoholic.

<http://www.ugr.es>

Would you like to [register](#) for our weekly **NO-NONSENSE Medical News Letter**? At the end of each week we'll send you an email containing links to the most popular articles (by page impression) from your chosen categories that appeared on News-Medical.Net in that week. You will **NOT** be bombarded with advertising and you **CAN** unsubscribe at any time. [Click here](#) for more information.

ADVERTISE HERE



SureTouch
visual mapping system

PRE-MAMMOGRAM
REAL TIME PALPATION

Child Health >

Disease >

Technology >

Health Care >

Conditions >

Procedure

Research >

Men's Health >

Science >

Miscellaneous >

Pharmaceutical >

Studies/Trials



News-Medical.Net complies with the [HONcode standard for health trust](#) worthy medical information: [verify News-Medical.Net here](#).

Child Health News



< Jump to

News-Medical.Net provides this medical news service in accordance with these [terms and conditions](#). Please note that medical information found on this website is designed to support, not to replace the relationship between patient and physician/doctor and the medical advice they may provide.

©2007 News-Medical.Net