



2016/4/26

首頁
Home

關於我們
About Us

主播
Anchors

連絡我們
Contact Us

關鍵字搜尋

搜尋
Search

Taiwan develops the world's first imaging system to spot bleeding under the skin (2016/04/12)

其它新聞 Other News

- [Premier-designate Lin Chuan introduces more members of his Cabinet](#)
- [Kenya deports 37 Taiwanese to China over telecom fraud](#)
- [National Stabilization Fund Exits](#)
- [Online stores are required to honor pricing mistakes beginning in May](#)
- [New E-Commerce Tax](#)
- [Local cinemas and KTVs with poor air quality face a maximum fine of NT\\$250,000](#)
- [Taiwan's Wang Chien-ming pitches two and one-third innings in relief against Astros](#)

英文 English

Taiwan develops the world's first imaging system to spot bleeding under the skin (2016/04/12)

Taiwan's forensic technology has made a huge breakthrough as the National Applied Research Laboratories developed the world's first imaging system that can identify bleeding under the skin that was previously invisible to the eye. The world's top forensic scientist Dr. Henry Lee believes this new technology will be a great aide to forensic investigation.

One of the world's foremost forensic scientists Dr. Henry Lee, personally simulated how a lab connects to a remote crime scene to examine evidence. The system and the machine is world-leading technology developed by a Taiwanese research institute.

Dr. Henry Lee

Forensic Scientist

Before, we found evidence at crime scenes and brought them back to the lab for more tests. Now the new concept is to bring the lab to the scene and do the tests immediately.

After one experiences physical pain, the machine is able to measure the oxygen level of blood within 30 seconds and even estimate the time when the bleeding occurs. The Instrument Technology Research Center of the National Applied Research Laboratories developed this latest imaging system that can gauge injuries under the skin that are invisible to the naked eye.

The previous generation of the machine has been widely used by the United States and many other countries around the world, mostly on cases such as domestic violence and car accidents. This new technological advancement has proven to be of great help to forensic scientists as they can now evaluate blood evidence better and faster.

中文 Chinese

讓血液說話 "皮下瘀血取像系統"成鑑定利器

台灣刑事鑑定科技又邁出一大步，國研院研發出全球首創的"皮下瘀血取像系統"，可以辨識出肉眼看不到的瘀血，國際知名鑑識專家李昌鈺表示，這項技術將成為刑事鑑定採證的最佳利器。

國際知名鑑識專家李昌鈺，親自示範模擬遠端中心連線犯罪現場，而這個系統和機器，是台灣研發領先全球的新技術。

[[國際知名鑑識專家 李昌鈺]]

"早期的概念，我們是給物證從現場找到，然後帶回實驗室化驗。現在新的概念，是怎麼給實驗室帶到現場，馬上就可以化驗。"

只要身體受到傷害，機器30秒內就能測出血氧量，甚至能測出血液流出的時間。國研院儀科中心研發出最新一代的「皮下瘀血取像系統」，就連肉眼看不出來的瘀血，都測得出來。

不只美國，前一代機器早就被世界各國使用，多用在家暴、車禍等社會案件鑑識。經由專家分析判斷，讓血液也會說話，成為刑事鑑定採證的最佳利器。

關於民視 | 常見問題 | 如何收看民視 | 意見信箱



© 2009 FTV All Rights Reserved 版權所有·盜用必究 Designed by FTV

地址：台北市八德路三段30號14樓 觀服電話：02-2578-6686、0800-055066 傳真：02-2579-8715

<https://www.youtube.com/watch?v=1BENBGLs0Co#t=46>

