

## Virtual autopsies will allow the police speeding up corpse identification

LOCATION: Granada

DURATION: 1:26

**RESUMEN:** Scientist of the Forensic Anthropology Laboratory of the University of Granada have developed a method that used virtual autopsies to speed up the determination of sex and age in the identification of corpses found in bad condition. This will help the Spanish police and judiciary in future investigations as using this technique the time required for this identification reduces to two minutes. Before this method arrived, it was necessary to get to the bone to be able to start identification works, something that could take days. This new technique could also be applied in the field of archaeology.

**VTR:**

We are in front of the future of Forensic Medicine, the virtopsy or virtual autopsy.

**MIGUEL BOTELLA**

**Researcher of the University  
of Granada**

*"Performing an autopsy without touching the corpse."*

And it is not any trick, it is method that uses X-ray to analyse the skeleton. The Forensic team of the University of Granada has been the first in the world using it to determine age and sex in the identification of corpses found in bad condition. Its greatest advantage.

**MIGUEL BOTELLA**

**Researcher of the University  
of Granada**

*"We manage to make it a fast system, the identification is very fast."*

**MANUEL LÓPEZ**

**Researcher of the University  
of Granada**

*"It is a question of two minutes."*

A system that will soon be used by the Spanish police and the judiciary, helping them acting faster, as before this method arrived it was necessary to get to the skeleton of the corpse to work with it.

**MANUEL LÓPEZ**

**Researcher of the University  
of Granada**

*"It could even take days having the sample prepared so it can be properly studied."*

They use software that analyses the images of the pelvis obtained with X-ray. Here the key is the grey colour of specific zones that gives us, with more than a 95% of accuracy, the information we need.

**MANUEL LÓPEZ**

**Researcher of the University  
of Granada**

*"The bone structure has different levels of grey that vary depending on the age of the person, as it also does with sex."*

A work that could also be applied to archaeology as it will allow studying mummies without altering them.

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