

SOCIAL AND CULTURE



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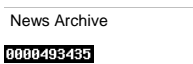
By Alan Whiteside and Julia Smith There has been a renewed debate over whether AIDS deserves an exceptional response. We argue that as AIDS is having d... | [Read](#)

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the scientific world. One of its best tools has been the implementation of radiological identification of human remains.

A research conducted at the University of Granada warns of the need to create "ir citizens, from all countries of the world, that include computer records of citizens's physiognomic characteristics, medical information, radiographic files, dental records identity documents.

This work has been performed by Tzipi Kahana (former student at the Hebrew University Department of Physical Anthropology of the University of Granada, and directed by López and Immaculada Alemán Aguilera. Its author argues that the creation of the proper thanatological management following natural disasters or attacks", in order to diagnosis of the data of death and to enable the identification of victims.

Tsunami in Thailand

Kahana worked with the Israel Police in the task of identifying bodies after the tsunami that hit Phuket (Thailand) in December 2004. They after the disaster and, along with other teams that arrived successively (Italy, Switzerland, Japan, Canada and Portugal), identified more than active in identifying victims of the terrorist attack on the Asociación Mutual Israelita Argentina (AMIA) which took place in Buenos Aires, in

In this work, the scientist has analyzed how new radiographic technologies comply with legal requirements of the forensic field, studying the Forensic Radiology as a new discipline through its symbiotic relationship with Forensic Anthropology. Tzipi Kahana has based her research field of forensic anthropology for 20 years and, for the first time, her work meets the new legal requirements, the magnitude of major catastrophes centuries, and technological advances of the modern world.

From her point of view, "it is essential" to carry out a radiographic examination of all human remains in the field of forensic identification, as it provides documentation of the recovered material, but it is useful both in the identification of skeletal trauma and in the location of teeth hidden

A crucial role

Tzipi Kahana stresses that radiological investigation, as part of the thanatological examination, "is very useful in cases of traffic accidents, identification of corpses." Furthermore, radiographic examination plays a crucial role in the positive identification of human remains on Forensic Odontology.

The effectiveness and usefulness of any identification technique depends on the speed at which ante mortem data are available. In Israel, where there are no fingerprint records of all people, an average of 10% of all medico-legal cases are individuals or human remains whose 80% were identified through radiographic comparisons during the 90s.

The UGR researcher points out that some of the degenerative changes of the spine "are excellent radiological features, useful for the identification remains", since, in general, "the radiographs of the spine contain a large number of individualizing features".

Useful vertebral features for necroidentification include conditions such as evidence of healed trauma, degenerative and infectious processes and normal anatomic variations of the spinal structures.

Part of the results of this research has been published in scientific journals such as British Journal of Radiology, Journal of Forensic Identification, Forensic Medicine and Pathology, Journal of Clinical Forensic Medicine and Forensic Pathology Reviews, among others.

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