

Forensic Medicine and Jurisdiction of Abu Dhabi Central Morgue

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After attending this symposium, attendees will have a better understanding of the process of Medical Examiners operating at the Abu Dhabi Central Morgue (ADCM). The new facility will be of great importance in integrating and improving collaboration among stakeholders from the Abu Dhabi Police, the Judicial Department, and the Health Department. This symposium will impact the community of Abu Dhabi by serving a critical forensic and public health role in the investigation of deaths and the identification of injury trends and potentially infectious diseases that might pose a risk in the future.

The Medical Examiner's Office, a part of the Department of Forensic Evidence, is organizing the symposium, which will be hosted during the 2nd Forensic Science Conference at Abu Dhabi, United Arab Emirates (UAE). The conference will focus on the latest innovations and challenges facing the forensic science community. Using illustrative examples and practical implementations of an accredited mortuary, international consultants and experts will deliberate contextual information in managing forensic casework from the crime scene to the morgue. Attendees will be introduced to deceased and living investigation processes, and discussion topics will focus on forensic pathology, odontology, anthropology, and disaster victim identification (DVI). The Virtual Autopsy will be stressed as one of the primary objectives of the central morgue for external body examinations that do not require autopsies.

Experienced practitioners will discuss the best practice approach to the techniques employed within their fields, provide real case examples, and offer updates on the current status and future directions of forensic medicine. Furthermore, the new facility will utilize innovative non-invasive autopsies using Computerized Tomography (CT) and Magnetic Resonance Imaging (MRI) scans, which are three-dimensional images used for the virtual exploration of the human body. Abu Dhabi authorities have developed a new initiative for operating ADCM services that are digitally integrated for the convenience of the customers. The symposium serves as a benchmark to compare the current performance of Medical Examiner's processes against international practices, which will allow the adoption of any improvements that could benefit the startup of ADCM.

In conclusion, an evidence-based methodology will be used to handle the different types of cases in the state-of-the-art ADCM. The virtual autopsy will be utilized by ADCM to reduce the challenges facing traditional autopsies in the UAE and other Gulf countries. The symposium will provide attendees not only with essential knowledge but also an excellent opportunity to share experiences on both technical and regulatory issues in order to improve the ADCM's validity and credibility.

Abu Dhabi Central Morgue, Medical Examiner's Office, Virtual Autopsy