

Insights of Forensic Pathology

Alan Taragin*

Department of Cytopathology, Royal Free Hospital, London, UK

*Corresponding author: Alan Taragin, Department of Cytopathology, Royal Free Hospital, London, UK, E-mail: Taragin@Alan.ta.uk

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Description

Pathology that focuses on finding the cause of death by analyzing a corpse is known as forensic pathology. In some jurisdictions, a medical examiner or forensic pathologist conducts a post mortem examination as part of the investigation of criminal and civil matters. Coroners and medical examiners are frequently called upon to certify the identify of deceased people.

The profession of forensic pathology may be traced all the way back to Babylonia in the fourth century BC, but instead of working on deceased human remains, it was strictly applied to animals. This was reported to be done only to animals because people were considered sacred at the time. Later in forensic pathology history, persons who dwell in Asia would practice forensic pathology. Ibn Zuhr was one of the Muslim doctors who discovered contagious diseases and operated on deceased bodies as a result. Zuhr went on to do postmortem autopsy on bodies and study diseases like leprosy, mange, and sexually transmitted infections.

Medical jurisprudence is used to forensic pathology. A forensic pathologist is a physician who has finished anatomical pathology training and then specialized in forensic pathology. From country to country, the qualifications for becoming a "fully qualified" forensic pathologist differ. The following sections go over some of the various requirements.

The purpose of autopsies/postmortem exams performed by forensic pathologists is to determine the cause of death as well as the likely mode of death. The conclusions reached in the autopsy report are as follows: A bullet wound to the head, exsanguination caused by a stab wound, manual or ligature strangulation, and myocardial infarction due to coronary artery disease, and so on are examples of pathological processes, injuries, or diseases that directly result in or initiate a series of events that lead to a person's death (also known as the mechanism of death).

The cause of death, as well as the circumstances surrounding it, which in most jurisdictions includes the following:

- Homicide
- Accidental

- Natural
- Suicide
- Undetermined

A post-mortem examination or autopsy is used by pathologists to determine the cause of death. Examination, correlation, and interpretation are the three stages of a death inquiry. Unknown-cause deaths and deaths that appear to be unnatural are investigated. In most jurisdictions, a "forensic pathologist," a coroner, a medical examiner, or a hybrid medical examiner-coroner office is responsible for this.

Methods

To be successful, forensic pathologists must be educated in a variety of subjects. They use a number of techniques, such as autopsies, which have a variety of techniques of their own. A forensic pathologist may take X-rays, bodily fluid samples, tissue samples, and samples of bacterial culture discovered within the body when performing an autopsy. The phases of death are another way used by the forensic pathologist during the autopsy to evaluate both the time of death and the length of time the body has been dead. The basis for determining the cause of death is based on the information obtained during the autopsy and evidence given by law enforcement.

In some countries, a non-physician, elected official involved in a medico legal death investigation is referred to as a "Medical Examiner." In others, the medical examiner is required to be a physician, pathologist, or forensic pathologist by law. Both physicians and non-physicians are referred to as "coroners" in the same way." Coroners were not always doctors in the past (most often serving primarily as the town mortician). In other jurisdictions, however, physicians are the only ones who use the term "coroner".

Canadian coroners

Depending on the province or territory, there was a mix of coroner and medical examiner systems in place. Coroners are licenced physicians in Ontario, usually but not always family physicians. In Quebec, there are both medical and non-medical coroners, however in British Columbia, non-physician coroners are the majority.