

Pathology: the lens through which life is viewed and saved

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BACKGROUND: Science of pathology is natural to man in as much as he will continue to be a living being. It has been in existence since humanity has its beginning. When a man is sick, he and those around him would ask; what is wrong with him? When an animal is sick, its owner would ask; what is wrong with my animal? This is a complex question that only pathology can answer, and pathologists have been answering it for centuries in order to save life. Pathologic basic of diseases is the pillar of medical training. Pathology has contributed enormously in saving the life of humans and animals from ancient times to the modern day, from macroscopy to simple microscopy, from compound microscopy to electron microscopy, from simple reactions to complex reactions, from simple genetics to gene sequencing and from digital pathology to Artificial Intelligence driven.

Pathology has grown to a level whereby no disease can be properly diagnosed, controlled, manage or treated without it.

When COVID-19 stroked, the world came to stand-still! The world could not move until the pathologic basis of it was understood by pathologist. Then, the ground breaking contribution of pathology brings back the world to normality.

When someone died, the only science that can surely define the cause of the death is pathology. So many unsolved murder cases have delayed justice to the victim until pathological findings informed what exactly happened, and the victim finally get justice.

There have been thousands of rare and undiagnosed diseases which hitherto were medical mysteries until pathology aids their diagnosis, they are now known as diagnosed diseases and they are managed accordingly.

CONCLUSION: It is intellectually correct to say that pathology is at the centre of every history and philosophy of Medicine. It is the most significant part of human and veterinary medicine, and its contribution to saving the life of human beings and animals has made the world safer than it has been.