

# Physiology: Working of Body's Material

Mehmet Doganay\*

Professor in Infectious Diseases. Department of Infectious Diseases, Faculty of Medicine, Erciyes University, 38280 Talas/Kayseri, Turkey

## Introduction

Physiology is that the study of however the material body works. It describes the chemistry and physics behind basic body functions, from however molecules behave in cells to however systems of organs work along. It helps us to perceive what happens during a healthy body in existence and what goes wrong once somebody gets sick. Most of physiology depends on basic analysis studies administered during a laboratory. Some physiologists study single proteins or cells, whereas others may do analysis on however cells move to make tissues, organs, and systems among the body. Doctors use physiology to be told additional regarding many various organ systems,...including:

The..vascular..system.-.. your.. heart.. and.. blood.. vessels.The..gastrointestinal..system..-the..abdomen,..intestines, and..alternative..organs..that..digest..food. The system.- glands that build hormones, the chemicals that .. management.. several.. body.. functions. The system - your body's defense against germs and illness. The muscular system- the muscles you utilize to maneuver .. your.. body. The system- your brain, medulla spinalis, and nerves. The excretory organ system -your kidneys and alternative organs that management.. the.. fluid.. in.. your.. body. The system- sex.. organs.. for.. men.. and.. girls.

The..system..respiratory..-your..lungs..and..airways. The system skeletal- bones, joints, cartilage, and animal tissue. For each system, physiology sheds light-weight on the chemistry/Physics of the structures concerned. For instance, physiologists have studied the electrical activity of cells within the heart that management its beat. They're conjointly exploring the method by that eyes find light-weight,

from however the cells within the membrane method light-weight particles known as photons to however the eyes send signals concerning..pictures..to..the..brain. By shedding light-weight on traditional body functions, physiology will teach lessons regarding what goes wrong in sickness. for example, physiologists have worked out however differing kinds of cells within the exocrine gland unharness hormones to regulate blood glucose levels. That helps doctors perceive and treat polygenic disorder.

The field additionally offers insights into the way to create the physique work additional with efficiency. It's usually a part of medical specialty, wherever knowing however the body adapts to physical challenges helps elite athletes improve their performance, avoid injury, and recover quicker. Anatomy is visible, and ancient doctors and scientists studied it through dissections, surgeries, and observation. However the body truly works is more durable to explore. This suggests that physiology may be a lot of trendy science. Early explanations of however organs or functions of the physical body may work were typically guesses, supported processes that were acquainted to scientists. as an example, some thought the formation of associate degree embryo was just like however milk turns into cheese. Different early scientists compared blood flow throughout the body to weather patterns. When the body executes the "fight-or-flight" reaction or stress response, the nervous system initiates, coordinates and directs specific changes in how the body is functioning (physiology), preparing the body to deal with the threat.

**How to cite this article:** Doganay,Mehmet . "Physiology: Working of Body's Material ." *J Gen Pract*9 (2021) : 4

\*Corresponding author: Professor in Infectious Diseases. Department of Infectious Diseases, Faculty of Medicine, Erciyes University, 38280 Talas/Kayseri, Turkey; E-mail: mehmet@mdoganay.com

**Copyright:** © 2021 Mehmet D. This is an open-access article distributed under the terms of the creative commons attribution license which permits unrestricted use, distribution and reproduction in any medium, provided the original author and source are credited.

**Received:** April 01, 2021;**Accepted:** April 14, 2021;**Published:** April 21, 2021