

ANATOMY



Introduction
The human body is a complex system of organs and tissues that work together to maintain life. This section provides a comprehensive overview of the human anatomy, including the skeletal, muscular, and circulatory systems. It also discusses the importance of maintaining good health and the role of various organs in the body.

Skeletal System
The skeletal system is the framework of the body, providing support and protection for the internal organs. It consists of the skull, spine, ribs, and the bones of the arms and legs. The skeletal system is made up of 206 bones in total.

Muscular System
The muscular system is responsible for movement and maintaining posture. It consists of skeletal muscles, smooth muscles, and cardiac muscles. Skeletal muscles are attached to bones and contract to produce movement.

Circulatory System
The circulatory system is responsible for transporting oxygen and nutrients to the cells of the body. It consists of the heart, blood vessels, and blood. The heart pumps blood through a network of arteries and veins.

| System | Function | Key Components |
|-------------|-----------------------------------|---------------------------------------|
| Skeletal | Support and protection | Skull, spine, ribs, arm and leg bones |
| Muscular | Movement and posture | Skeletal, smooth, and cardiac muscles |
| Circulatory | Transport of oxygen and nutrients | Heart, blood vessels, blood |