

MOTOR UNIT

The special nerve cell that works with muscles and sends a signal to make the muscle contract is called a motor neuron. A motor unit includes one motor neuron and the muscle fibers it works with. Each muscle fiber is guided by a single neuron.

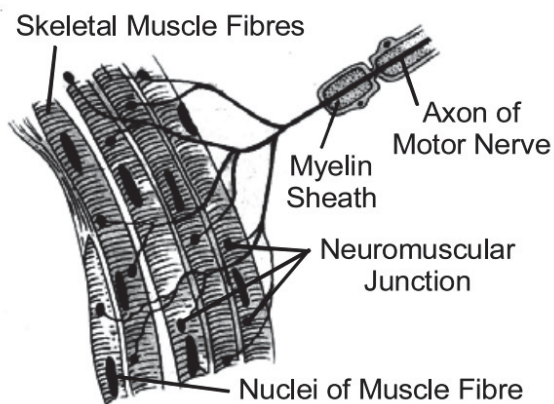


Fig. : Motor unit

Neuromuscular Junction

The point where a motor neuron connects with the muscle fiber's outer layer, called the sarcolemma, is known as the neuromuscular junction.

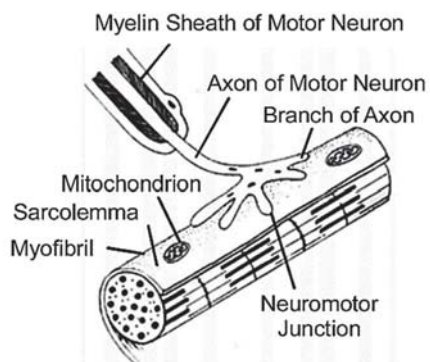


Fig.: Each branch of axon forms a neuromotor junction