

Human Nervous System Model Set "Physiology of Nerves"

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Product code: MA07960



The Physiology of Nerves series displays the basic structures of the human nervous system. Each of the five sections of the nerve model shows a plastic colored relief model of the main synapse variations. All sections of the nerve physiology series can magnetically attach to the illustrated base which depicts the neural components in vivid colors. Each nerve section is also available separately. The nerve physiology set contains the following sections : 1. Neuron Cell Body: Typical neuron body with cell organelles, for example mitochondria and many other characteristics of human cell, are visible through a removable transparent cover. The edge of the cell body also shows the synapses of connected neurons. 2. Myelin Sheaths of the CNS :This model shows the glial cells which build the insulating layer around the axons of the central nervous system. 3. Schwann Cells of the PNS: Depicts a Schwann cell with sectioned core. 4. Motor End :Plate Neuromuscular junction with striated muscle fibre is depicted. 5. Synapse: Featuring the endoplasmic reticulum, mitochondria and the membranes of the synaptic gap. The nerve physiology nerve series also depicts 5 smaller relief models of the main synapse variations. The nerve set is a great tool for teaching the anatomy and physiology of the human nervous system. Every original 3B Scientific® Anatomy Model gives you direct access to its digital twin on your smartphone, tablet or desktop device. Enjoy using the exclusive virtual anatomy content with the following features:

- Freely rotate your digital model and zoom in and out
- Display hotspots and their anatomical structures
- Augmented Reality (AR) feature starts your virtual anatomy model
- Anatomy Quiz function to test and improve your anatomical knowledge with instant results and final score evaluation
- Drawing function that allows image customization with save and share function
- Useful Notes function to help you with your personal learning
- Possibility to learn both male and female anatomy
- Easy access to 3D content both online and offline
- Available in 11 languages

To get started, simply scan the QR-code located on your 3B Scientific® Anatomical Model, download the new 3B Smart Anatomy app and step into the virtual world of Human Anatomy. [Click here to learn more.](#)