

Abstract

Spinal cord injury (SCI) is a devastating condition that is a result of trauma generated by traffic accident, violence or falling. However, SCI may not only be caused by trauma, but also by other diseases such as – virus infection, tumors etc.. Any SCI affects the ability of the spinal cord to transmit and receive information and their further processing. The spinal cord injury itself is followed by other complications that seriously impair the quality of life of the patients. One of the main problems is the dysfunction of the urinary system, which then does not work properly, thereby making patient's life difficult on the health and social side. The aim of this thesis is to summarize pathophysiological consequences of SCI on urinary tract dysfunction.

Keywords:

neurophysiology, spinal cord injury, paraplegia, urinary tract