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Nervous mechanisms of restraint water-immersion stress induced gastric mucosal lesion

Zhao DQ *et al.* Stress-induced gastric mucosal lesion

Dong-Qin Zhao, Hua Xue, Hai-Ji Sun

Abstract

Stress-induced gastric mucosal lesion (SGML) is one of the most common visceral complications after trauma. Exploring the nervous mechanisms of SGML has become one of the research hotspots. Restraint water-immersion stress (RWIS) can induce GML and has been widely used to elucidate the nervous mechanisms of SGML. It is believed that RWIS-induced GML is mainly caused by the enhanced activity of vagal parasympathetic nerves. Many central nuclei, such as the dorsal motor nucleus of the vagus, nucleus of the solitary

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