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51
Current understanding of the neuropathophysiology of pain in chronic pancreatitis

Amporn Atsawarungruangkit, Supot Pongprasobchai

Abstract

21
Chronic pancreatitis (CP) is a chronic inflammatory disease of the pancreas. The main symptom of patients with CP is chronic and severe abdominal pain. However, the pathophysiology of pain in CP remains obscure. Traditionally, researchers believed that the pain was caused by anatomical changes in pancreatic structure. However, treatment outcomes based on such beliefs are considered unsatisfactory. The emerging explanations of pain in CP are trending toward neurobiological theories. 2
This article aims to review current evidence regarding the neuropathophysiology of pain in CP and its potential implications for the development of new treatments for pain in CP. 13

Key words: chronic pancreatitis; neurobiology; neuropathophysiology; pain; pancreatic pain

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