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ESSN 1007-9027 (print): ESSN 2219-2540 (ordine)
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SECTION STREET

Jaundice associated pruritis: A review of pathophysiology and treatment

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Fax: +64-9-4884621 Received: August 11, 2014 Peer-review started: August 12, 2014 First decision: September 15, 2014 Revised: October 29, 2014 Accepted: November 19, 2014 Article in press: November 19, 2014 Published online: February 7, 2015

Abstract

To review the underlying pathophysiology and currently available treatments for pruritis associated with jaundice. English language literature was reviewed using MEDLINE, PubMed, EMBASE and clinicaltrials gov for papers and trails addressing the pathophysiology and potential treatments for pruritis associated with jaundice. Recent advances in the understanding of the peripheral anatomy of itch transmission have defined a histamine stimulated pathway and a cowhage stimulated pathway with sensation conveyed centrally will the contralateral spinothalamic tract. Centrally, cowhage and

histamine stimulated neurons terminate widely within the thalamus and sensorimotor cortex. The causative factors for itch in jaundice have not been clarified although endogenous opioids, serotonin, steroid and lysophosphatidic acid all play a role. Current guidelines for the treatment of itching in jaundice recommend initial management with biliary drainage where possible and medical management with ursodeoxycholic acid, followed by cholestyramine, rifampicin, naltrexone and sertraline. Other than biliary drainage no single treatment has proved universally effective. Pruritis associated with jaundice is a common but poorly understood condition for which biliary drainage is the most effective therapy. Pharmacological therapy has advanced but remains variably effective.

Key words: Jaundice; Pruritis; Biliary drainage; Bile acids; Lysophosphatidic acid

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Cere tip: The occurrence of pruritis in association with jaundice has been recognized for many years but its pathogenesis is poorly understood. Recent advances in understanding the neural pathways involved in itch have contributed to the clinical treatment of this important symptom.

Bassari R, Koea JB. Jaundice associated praritis: A review of pathophysiology and treatment. World J Gastroenterol 2015; 21(5): 1404-1413. Available from: URL: http://www.wjgnet.com/1007-9327/full/v21/i5/1404.htm. DOI: http://dx.doi.org/10.3748/wjg.v21.i5.1404

INTRODUCTION

Jaundice (from the French jaune meaning yellow), refers to the yellowish discolouration of the skin,



Pruritis In Clinical Medicine Pathology And Treatment

Michael Hoelscher

Pruritis In Clinical Medicine Pathology And Treatment:

Pruritis In Clinical Medicine Pathology And Treatment: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous engrossing novels enthralling the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the fascinating narratives that have captivated audiences this year. Pruritis In Clinical Medicine Pathology And Treatment: Colleen Hoovers "It Ends with Us" This touching tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover skillfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can prevail. Uncover the Best: Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This captivating historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Pruritis In Clinical Medicine Pathology And Treatment: Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and suspenseful novel that will keep you speculating until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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