

Review of Ethnobotanical and Ethnopharmacological Evidence of Some Ethiopian Medicinal Plants Traditionally Used for Peptic Ulcer Disease Treatment

Tesfaye Yimer Tadesse

Debre Tabor University, Ethiopia

Abstract

A peptic ulcer is described as the rupture of the mucosal integrity of the stomach, the duodenum, and, in certain cases, the lower esophagus as a result of contact with chloridopeptic secretions. The two most common kinds of peptic ulcer disorders are referred to as “gastric ulcer” and “duodenal ulcer.” The name is derived from the location of the ulceration. Despite the promise of a wide range of antiulcer treatments, these therapies are associated with several adverse reactions, including hypersensitivity, arrhythmia, impotence, gynecomastia, galactorrhea, hematological abnormalities, and kidney disease, which are intolerable for many patients. Nowadays, there is a lot of emphasis on finding new and innovative agents. As a result, herbal medicines are commonly utilized in circumstances when drugs are used for long periods and are also cost-efficient, effective, and readily available. In this review paper, a total of 82 medicinal plants have been identified and reported for their use in the treatment of peptic ulcer disease. The majority of these medicinal plants are widely used throughout Ethiopia. However, only the safety and efficacy of *Plantago lanceolata*, *Osyris quadripartita*, *Rumex nepalensis*, *Cordia africana*, *Croton macrostachyus*, and *Urtica simensis* have been scientifically studied in animal models. Despite this, many medicinal plants’ pharmacological effects and chemistry have not been well studied scientifically. As a result, further bioactive compound characterization, efficacy, mechanism of action evaluation, and toxicity evaluation of medicinal plants should be carried out. A study that can improve the documentation of indigenous knowledge and contribute to drug development and future self-reliance is also recommended.

Received Date: 5 August, 2022

Accepted Date: 9 August, 2022

Published Date: 29 August, 2022

Biography

Tesfaye Yimer Tadesse, is working at Department of Pharmacy, Health Science College, Debre Tabor University, Debre Tabor, Ethiopia.